

Search Summary

Query : ("International Conference on Electronic Business" 2006) WN All fields)

Type : Quick

Results : 81

Database(s) : Compendex & Inspec

Downloaded : 7/5/2021

1. ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Accession number: 20130716014157

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference proceeding (CP)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS, Tilburg University, Netherlands

Abstract: The proceedings contain 73 papers. The topics discussed include: the impact of technovation and collaboration on strategic service classification in the digital economy; the provision of inter-organizational infrastructure as an appropriate role for co-sourcing; the role of open knowledge in regional development - case study; e-banking integrated data utilization platform WINBANK case study; multi-behavior agent model for supply chain management; the role of complexity in preparing for municipal decision-making; understanding e-competences in adoption and assimilation of e-services; literature review: the paradox of social network ties in creating knowledge; measurement of team knowledge: transactive memory system and team mental models; a study of the uptake of information security policies by small and medium sized businesses in Wales; and product oriented thinking and expert knowledge in consulting services.

Abstract type: (Edited Abstract)

Page count: 539

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

2. Cube assessment framework FOR B2C websites applied to the fashion industry

Accession number: 20130716014468

Authors: Hansen, Rina (1); Bjørn-Andersen, Niels (1)

Author affiliation: (1) Copenhagen Business School, Denmark

Corresponding author: Hansen, R.(rh.itm@cbs.dk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 2011 Proceedings - 11th International Conference on Electronic Business: Borderless E-Business for the Next Decade, ICEB 2011

Issue date: 2011

Publication year: 2011

Pages: 206-214

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 2011 11th International Conference on Electronic Business: Borderless E-Business for the Next Decade, ICEB 2011

Conference date: November 29, 2011 - December 2, 2011

Conference location: Bangkok, Thailand

Conference code: 95369

Sponsor: Chareon Pokphand Group (CP); CP ALL Public Company Limited (7-11); et al.; KPMG Thailand; Krungthai bank; Tanachart Bank

Publisher: CEUR-WS

Abstract: The paper proposes a framework for assessment and design of B2C websites focussing on Web 2.0 and social media as vehicles for involvement of current and potential customers. Three overall strategic dimensions are proposed for characterization of websites, whether the 1) purpose is branding or e-commerce, 2) communication is one-way or two-way, 3) focus is transaction or innovation. When these three strategic binary dimensions are combined,

we get 2 x 2 x 2 or a total of 8 different triplet combinations. The framework is used for an assessment of 15 fashion websites in the years 2006, 2008 and 2010.

Number of references: 17

Main heading: Electronics industry

Controlled terms: Electronic commerce - Social networking (online) - Websites

Uncontrolled terms: Fashion - Luxury - Site assessment - Social media - Web 2.0

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

3. Design and implementation of service-oriented expert system

Accession number: 20142617866418

Authors: Lo, Chi-Chun (1); Yang, Mian-Yuan (1); Lee, Dai-Rong (1); Chen, Chi-Hua (1); Cheng, Ding-Yuan (1)

Author affiliation: (1) National Chiao Tung University, Taiwan

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: Proceedings of the 12th International Conference on Electronic Business: Latest Global Development in Electronic Business, ICEB 2012

Issue date: 2012

Publication year: 2012

Pages: 36-41

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 12th International Conference on Electronic Business, ICEB 2012

Conference date: October 12, 2012 - October 16, 2012

Conference location: Xi'an, China

Conference code: 105790

Publisher: International Consortium for Electronic Business

Abstract: In recent years, the Internet technologies are well developed and the Internet is filled with all kinds of information. Since the data storage is increasingly distributed and data formats are more diverged, data collection and integration for providing value-added services have gradually become important topics. In this study, we propose the Service-Oriented Expert System (SOES) based on Service Component Architecture (SCA) which can make the services on different platforms turn into a common service component on the Internet, concatenate all the service components by combining with the Enterprise Service Bus (ESB), and use both expert rules and data mining techniques to perform the data classification. The SOES is applied to analyze the annual financial information derived from electronic industry in the Taiwan Economic Journal (TEJ) during 2006 to 2008 for discovering the financial crisis enterprises. The experiment results show that using expert rules and decision tree to find the financial crisis enterprise is higher performance. Copyright © 2012 by International Consortium for Electronic Business.

Number of references: 7

Main heading: Service oriented architecture (SOA)

Controlled terms: Computer architecture - Data mining - Decision trees - Digital storage - Electronic commerce - Electronics industry - Expert systems - Finance - Storage as a service (STaaS) - Trees (mathematics)

Uncontrolled terms: Design and implementations - Electronic industries - Enterprise service bus - Financial information - Internet technology - Service component architecture - Service Oriented - Value added service

Classification code: 722.1 Data Storage, Equipment and Techniques

Data Storage, Equipment and Techniques

- 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 921.4 Combinatorial Mathematics, Includes Graph Theory, Set Theory

Combinatorial Mathematics, Includes Graph Theory, Set Theory

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

4. Local services through e-governance in Nepal: An assessment of municipal websites

Accession number: 20130716014459

Authors: Lamichhane, Ananta Raj (1); Acharya, Rabindra (1)

Author affiliation: (1) Asian Institute of Technology, Thailand

Corresponding author: Lamichhane, A.R.(anantalamichhane1@gmail.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: 2011 Proceedings - 11th International Conference on Electronic Business: Borderless E-Business for the Next Decade, ICEB 2011

Issue date: 2011

Publication year: 2011

Pages: 143-147

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 2011 11th International Conference on Electronic Business: Borderless E-Business for the Next Decade, ICEB 2011

Conference date: November 29, 2011 - December 2, 2011

Conference location: Bangkok, Thailand

Conference code: 95369

Sponsor: Chareon Pokphand Group (CP); CP ALL Public Company Limited (7-11); et al.; KPMG Thailand; Krungthai bank; Tanachart Bank

Publisher: CEUR-WS

Abstract: This paper presents the explanatory analysis of municipality's e-governance project in Nepal. Objectives of e-governance projects were to improve administrative processes, connecting citizens and building external integrations. This study attempts to provide deeper insight to e-government landscape at local level in Nepal. Website of each municipality was assessed on its usability, navigability, trust and credibility and its legal policies. The promptness in service delivery was measured by email responsiveness to the user's questions. E-readiness and Nepal government's master plan 2006 has also been considered in assessment of local e-governance. The assessment of websites indicated its under-utilization as an e-government tool and a very minimal adoption of e-governance. Result clearly showed lack of transparency, slow service delivery and under estimation of existing websites by government. This study suggests that government need to work seriously and extensively hard to achieve the benefits offered by ICT. This paper has identified some important factors which can improve the success of local government's website. This study might prove useful for other developing countries with similar initiatives.

Number of references: 22

Main heading: e-government

Controlled terms: Developing countries - Electronic commerce - Electronics industry - Websites

Uncontrolled terms: Administrative process - Citizen participation - E-governance - Local government - Local service - Municipality - Service delivery - Web usability

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

5. The institutional environment for global e-commerce diffusion: A cross-country investigation

Accession number: 20130716014324

Authors: Zhu, Ling (1)

Author affiliation: (1) Long Island University, C.W. Post Campus, United States

Corresponding author: Zhu, L.(ling.zhu@liu.edu)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2008 - Proceedings of the 8th International Conference on Electronic Business: "Enriching Global Business Practices"

Issue date: 2008

Publication year: 2008

Pages: 229-241

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 8th International Conference on Electronic Business, ICEB 2008

Conference date: September 30, 2008 - October 3, 2008

Conference location: Waikoloa, HI, United states

Conference code: 95364

Sponsor: 'University of Hawai'i at Hilo, College of Business and Economics'; California State Univ., Sacramento, Coll. Bus. Adm.; IBM; Waikoloa Beach Marriott Resort and Spa

Publisher: CEUR-WS

Abstract: Grounding on institutional theory and e-commerce adoption literatures, the study conducts a cross-country analysis assessing the effects of industrial, governmental and legal factors on global B2B e-commerce diffusion in the years of 2001-02 and 2006-07. The analysis is based on a secondary dataset from the Global Information Technology Report published by the World Economic Forum (WEF). The secondary data analyses cover 75 countries in 2001-02 and 122 countries in 2006-07, reflecting business perceptions of the institutional environments and e-commerce diffusions in those countries. The results of the study indicate that at the infant stage of e-commerce, the supportive government policy was a powerful facilitator for e-commerce diffusion around the world. As e-commerce becomes more prevalent, e-commerce diffusion is more business-driven and the government policy loses its significance. Meanwhile, as companies engage more in e-commerce, the legal environment becomes an important factor in e-commerce diffusion. The study confirms various institutional environments exert influences on countries' e-commerce diffusion at various stages of e-commerce development. It is one of the first cross-country studies on the institutional environments and the research results have managerial and policy implications for global e-commerce diffusion.

Number of references: 68

Main heading: Electronic commerce

Controlled terms: Diffusion - Electronics industry - Public policy

Uncontrolled terms: B2B e-commerce - Governmental factor - Industrial factor - Institutional environment - Legal factors

Classification code: 723.5 Computer Applications

Computer Applications

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

6. E-governance in Japan: Analysis of the current status of e-government and local e-services

Accession number: 20130716014304

Authors: Orihuela, Luis (1); Obi, Toshio (1)

Author affiliation: (1) Waseda University, Tokyo, Japan

Corresponding author: Orihuela, L.(lorihuela@ruri.waseda.jp)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2008 - Proceedings of the 8th International Conference on Electronic Business: "Enriching Global Business Practices"

Issue date: 2008

Publication year: 2008

Pages: 72-79

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 8th International Conference on Electronic Business, ICEB 2008

Conference date: September 30, 2008 - October 3, 2008

Conference location: Waikoloa, HI, United states

Conference code: 95364

Sponsor: 'University of Hawai'i at Hilo, College of Business and Economics'; California State Univ., Sacramento, Coll. Bus. Adm.; IBM; Waikoloa Beach Marriott Resort and Spa

Publisher: CEUR-WS

Abstract: This paper gives an overview on e-government and local e-services in Japan, developed under the guidelines contained in the e-Japan Strategy (2000) and in the New IT Strategy (2006). We present an analysis on the current state of e-government and the challenges the country faces in order to become a worldwide front-runner, as established by the New IT Strategy. The conclusion of the paper is that continuous efforts are necessary in order to improve e-services in Japan. Among all, citizens need increased security in their transactions in order to overcome the detected lack of engagement in the usage of e-services.

Number of references: 8

Main heading: e-government

Controlled terms: Electronic commerce - Electronics industry

Uncontrolled terms: Current status - E- services - E-governance - e-Japan - IT strategies - Japanese new IT reform strategy

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

7. Where have all the trust marks gone?

Accession number: 20130716014323

Authors: Wetsch, Lyle R. (1)

Author affiliation: (1) Memorial University of Newfoundland, Canada

Corresponding author: Wetsch, L.R.(lwetsch@mun.ca)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2008 - Proceedings of the 8th International Conference on Electronic Business: "Enriching Global Business Practices"

Issue date: 2008

Publication year: 2008

Pages: 220-223

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 8th International Conference on Electronic Business, ICEB 2008

Conference date: September 30, 2008 - October 3, 2008

Conference location: Waikoloa, HI, United states

Conference code: 95364

Sponsor: 'University of Hawai'i at Hilo, College of Business and Economics'; California State Univ., Sacramento, Coll. Bus. Adm.; IBM; Waikoloa Beach Marriott Resort and Spa

Publisher: CEUR-WS

Abstract: In the early days of e-commerce and online retailing, trust was seen as a significant element required for developing online consumer buying intention and initial trustworthiness could be communicated through seals of approval or trust marks. Moving forward eight years has done little to change the issues that face online retailers and consumer perceptions. In fact, Jupiter Media Metrix reported that in 2006 over \$24 billion worth of online sales was lost due to privacy and security concerns. This paper explores the current practice and utilization of trust marks by the top 100 online retailers to identify the connection and disconnection between business practice and theory.

Number of references: 26

Main heading: Electronic commerce

Controlled terms: Data privacy - Electronics industry - Network security - Sales - Seals

Uncontrolled terms: Business practices - Consumer perception - Current practices - Online consumers - Online retailing - Privacy and security - Security - Trust

Classification code: 619.1.1 Pipe Accessories

Pipe Accessories

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

8. Critical success factors for ERP implementation: A content analysis of empirical findings

Accession number: 20130716014177

Authors: Chang, She-I. (1); Hung, Yu-Chung (1); Tsao, Hsiu-Hui (1)

Author affiliation: (1) National Chung Cheng University, Taiwan

Corresponding author: Chang, S.-I.(actsic@ccu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB 2007 - Proceeding of the 7th International Conference on Electronic Business: "Service Innovation and Value Creation in Experience Economy"

Issue date: 2007

Publication year: 2007

Pages: 125-132

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: 7th International Conference on Electronic Business, ICEB 2007

Conference date: December 2, 2007 - December 6, 2007

Conference location: Taipei, Taiwan

Conference code: 95360

Sponsor: AdvenTech; et al.; Information Industry of Taiwan; Ministry of Education of Taiwan; Ministry of Foreign Affairs of Taiwan; National Science Council of Taiwan

Publisher: CEUR-WS

Abstract: Enterprise resource planning (ERP) systems are software packages that allow companies to have greater real time visibility and control over their operations. Through a review of the ERP literature, seven critical success factors (CSFs) were identified based on the study of Nah and Delgado (2006). Content analysis was then employed on 16 published articles that reported CSFs for ERP. Correspondingly, this paper aimed to combine various results in order to determine the CSFs that contribute to success in the implementation of ERP systems. We found that the ERP CSFs referred to top management support and championship in a majority of articles, while communication was less mentioned.

Number of references: 38

Main heading: Enterprise resource planning

Controlled terms: Electronic commerce - Electronics industry - Real time systems - Resource allocation

Uncontrolled terms: Content analysis - Critical success factor - Empirical findings - Enterprise resource planning systems - ERP implementation - ERP system - Real-time visibility - Top management support

Classification code: 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

9. The Selected implications on effects to traditional business sectors of increasing marketing in WWW - Tentative findings

Accession number: 20130716014135

Authors: Ahoniemi, Lea (1); Ahoniemi, Maria-Riitta (2)

Author affiliation: (1) School of Economics and Business Administration, University of Tampere, Finland; (2) Faculty of Economics and Administration, University of Tampere, Finland

Corresponding author: Ahoniemi, L.(lea.ahoniemi@uta.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The use of internet marketing of the durable goods has provided many implications on trading and service processes such as real estate and car trading business in Finland. The objectives of transaction and trading, i.e. the houses and cars, are not yet actually sold via internet. Hence, the digitalized services and modern market places should be constructed in order to satisfy future coming needs of e-business. In this paper of time serial research and data concerning internet utilization and it's implications on business process of car trading and real estate business. The phenomena are pointed out by multivariate analyses, especially factor analyses in time serial data 2002-2006. The use of internet in information retrieval has increased from 66% (2002) into 81% (both 2004 and 2006) of questionnaire fulfilled customers in real estate business. In second hand car trading business the comparable amount of internet users has increased from 56 % (2003) to 75 % (2005) of all answered customers. The main focus is to analyze the development of phenomena concerning the increasing role of internet as information source in purchasing process, especially comparing value chain theories and information retrieval in real estate and used car markets. The time serial analyses points out at least the main competitiveness factors of the website marketing. Also some expected development of competitive capabilities are presented in the conclusion part of study.

Number of references: 26

Page count: 8

Main heading: Automotive industry

Controlled terms: Competition - Electronic commerce - Electronics industry - Factor analysis - Information retrieval - Multivariate analysis - Purchasing - Railroad cars - Sales

Uncontrolled terms: Competitive capabilities - Competitiveness factors - eBusiness - Information sources - Internet marketing - Internet usage - Multi variate analysis - Real estate

Classification code: 682.1.1 Railroad Cars

Railroad Cars

- 723.5 Computer Applications

Computer Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 911.2 Industrial Economics

Industrial Economics

- 922 Statistical Methods

Statistical Methods

- 922.2 Mathematical Statistics

Mathematical Statistics

Numerical data indexing: Percentage 8.10e+01%

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

10. Knowledge as a business opportunity - Knowledge transfer practices in finnish AEC industry networks

Accession number: 20130716014125

Authors: Surakka, Teemu (1)

Author affiliation: (1) TKK / BIT Research Centre, Finland

Corresponding author: Surakka, T.(teemu.surakka@tkk.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Facing an increasing competition from their foreign counterparts Finnish Architecture, Engineering and Construction (AEC) industry is utilizing value networks in their operations and trying to make the most of their knowledge about the end users and the life cycle management of buildings. However, the knowledge management practices in the industry are still in its infancy in many respects and this creates possibilities for competitive advantage and new business opportunities. The focus of this paper is on the knowledge creation and transfer as a source of business opportunities in AEC industry. This paper is based on literature review and the viewpoints of the companies operating in different parts of the life cycle of buildings. These viewpoints were collected in 20 in-depth interviews during August 2005 and May 2006. A broad coverage of all the important interest groups, in the field of construction and maintenance of buildings, were fairly included in the interviews to construct comprehensive picture of the knowledge transfer practices and possible business opportunities related to them.

Number of references: 32

Page count: 9

Main heading: Competition

Controlled terms: Construction - Electronics industry - Knowledge management - Life cycle

Uncontrolled terms: AEC industry - Architecture, engineering and construction industries - Business opportunities - Competitive advantage - Emerging opportunities - Knowledge management practices - Knowledge transfer - Value network

Classification code: 405 Construction Equipment and Methods; Surveying

Construction Equipment and Methods; Surveying

- 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

11. Barriers to adoption of advanced e-business in welsh small and medium sized enterprises

Accession number: 20130716014139

Authors: Willatts, James (1); Davies, Anthony (1); Davies, Paul Beynon (1)

Author affiliation: (1) eCommerce Innovation centre, United Kingdom

Corresponding author: Willatts, J.(willatts@ecommerce.ac.uk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The eCommerce Innovation Centre (eCIC) at Cardiff University has a central role in Opportunity Wales, a programme providing e-business support to over 9000 Small and Medium sized Enterprises (SMEs) during the last five years. Uptake of advanced e-business adoption has been low during the programme as well as throughout Wales in general. This paper reports on the findings of a pilot study that was undertaken in the fifth year (2006) of the programme. The approach taken to identify the key barriers to adoption was through interviews with a cross section of expert delivery partners and a sample of SMEs that advanced e-business was relevant to. The key objectives were to understand the barriers to adoption in respect of the current programme as well to help planning for future support initiatives. In addition, the research would help identify and overcome certain barriers in relation to the objectives of the Lisbon Strategy. The paper concludes that varying definitions of e-business inhibit our understanding of uptake when comparing to other studies or initiatives. Also, the strategic planning of e-business, where relevant, will reduce barriers to advanced e-business adoption, as will the lessons learned from SMEs who have successfully made the transition.

Number of references: 11

Page count: 5

Main heading: Electronics industry

Controlled terms: Electronic commerce - Integration

Uncontrolled terms: Barriers to adoption - eBusiness - Key objective - Lisbon strategies - Pilot studies - Small and medium-sized enterprise - SMEs - Wales

Classification code: 723.5 Computer Applications

Computer Applications

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

12. Health ecosystem as an interpretation framework for knowledge flows

Accession number: 20130716014140

Authors: Laihonen, Harri (1)

Author affiliation: (1) Tampere University of Technology, Finland

Corresponding author: Laihonen, H.(harri.laihonen@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This paper explores the concept of health ecosystem. The concept will be defined in the context of municipal health care in Finland. The paper argues that the ecosystem approach reconciles the descriptive viewpoints of integrated care and health system by highlighting the interconnectedness of the actors and the dynamic nature of the environment.

Number of references: 18

Page count: 9

Main heading: Electronics industry

Controlled terms: Ecosystems - Health care - Knowledge management

Uncontrolled terms: Complexity - Dynamic nature - Ecosystem approach - Finland - Health systems - Integrated care - Interpretation frameworks - Knowledge flow

Classification code: 454.3 Ecology and Ecosystems

Ecology and Ecosystems

- 461.7 Health Care

Health Care

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

13. Maturity of electronic commerce : A review of the principal models

Accession number: 20130716014118

Authors: Ghachem, Lassaad (1)

Author affiliation: (1) Institut de L'Entreprise, Université de Neuchâtel, Switzerland

Corresponding author: Ghachem, L.(lassaad.ghachem@unine.ch)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The object of this article is to present the most cited maturity models and the organizational evolutions, instigated mainly by Internet and electronic commerce. We will observe with these theories, how companies become progressively more flexible, more externalized, less centralized within a network, due to e-commerce.

Number of references: 39

Page count: 6

Main heading: Electronics industry

Controlled terms: Electronic commerce - Integration - Internet

Uncontrolled terms: Maturity model - Maturity stages

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

14. Trust, risk, privacy, and security in e-commerce

Accession number: 20130716014128

Authors: Pennanen, Kyösti (1); Kaapu, Taina (2); Paakki, Minna-Kristiina (3)

Author affiliation: (1) University of Vaasa, Finland; (2) University of Tampere, Finland; (3) Rovaniemi University of Applied Sciences, Finland

Corresponding author: Pennanen, K.(kyosti.pennanen@uwasa.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The concepts, Trust, Risk, Privacy and Security, are widely used in various studies done by multiple disciplines, and they are often incorrectly referred to almost as synonyms. The aim is to clarify the concepts from the consumer viewpoint in e-commerce. The findings of our qualitative study suggest several relationships between the four concepts and serves as building blocks for further research.

Number of references: 29

Page count: 10

Main heading: Electronics industry

Controlled terms: Data privacy - Electronic commerce - Risks

Uncontrolled terms: Building blockes - Multiple disciplines - Privacy and security - Qualitative study - Security - Trust

Classification code: 723.5 Computer Applications

Computer Applications

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

15. The provision of inter-organisational infrastructure as an appropriate role for cosourcing

Accession number: 20130716014085

Authors: Borman, Mark (1)

Author affiliation: (1) University of Sydney, Australia

Corresponding author: Borman, M.(m.borman@econ.usyd.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: A case study of credit unions in the financial services sector in Australia designed to examine the motivations and constraints to cosourcing - or the sourcing of a common activity jointly by a group of organizations - and assess whether the provision of inter-organisational infrastructure is an appropriate focus for cosourcing.

Number of references: 34

Page count: 6

Main heading: Electronics industry

Controlled terms: Outsourcing - Service industry

Uncontrolled terms: Australia - Core capabilities - Financial service - Financial services sector - Infrastructure - Inter-organisational

Classification code: 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

16. Defining cyberethics

Accession number: 20130716014096

Authors: Mäkinen, Olli (1); Naarmala, Jyri (1)

Author affiliation: (1) Tritonia Academic Library, Vaasa, Finland

Corresponding author: Mäkinen, O.(ollu.makinen@uwasa.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Focus of this paper is on ethical issues related to the era of Internet, e.g. cyberethics. Approach used in this paper is phenomenology, whereas definitions of cyberethics are discussed from the viewpoint of pragmatic ethics, while questioning existing basic values in society and proportion these into pragmatic, de facto ideology. Resulting comparison provides conceptual analysis on cyberethics as well as provides new perspectives on research on cyberethics. This paper demonstrates, that there exists a conflict between pragmatic and general moral law, which is foundational one.

Number of references: 46

Page count: 6

Main heading: Electronics industry

Controlled terms: Philosophical aspects

Uncontrolled terms: Conceptual analysis - Cyberethics - E-society - Ethical issues - Self regulation - Virtuality

Classification code: 901.1 Engineering Professional Aspects

Engineering Professional Aspects

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

17. A Study of the deployment of open source software - Finnish experiences from public and private sector

Accession number: 20130716014106

Authors: Puhakka, Mikko (1); Seppänen, Marko (2); Oksanen, Ville (1)

Author affiliation: (1) Helsinki University of Technology, Finland; (2) Tampere University of Technology, Finland

Corresponding author: Puhakka, M.(mikko.puhakka@soberit.hut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The software development has become even more complicated for IT-companies and users of software. The rising popularity of open source in all areas of software development and usage is resulting in a need to evaluate more options in software procurement than before. This paper highlights some of the recent international and domestic research on open source deployment and gives some recommendations as to what official stand Finland should take.

Number of references: 18

Page count: 5

Main heading: Open source software

Controlled terms: Electronics industry - Open systems - Software design

Uncontrolled terms: Deployment - Domestic research - Finland - Finnish - IT companies - Open sources - Public and private sector

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

18. Company participation in open source software communities: Measuring sustainability

Accession number: 20130716014134

Authors: Vainio, Niklas (1); Oksanen, Ville (2); Vadén, Tere (1)

Author affiliation: (1) SoberIT, Helsinki University of Technology, Finland; (2) Hypermedia Lab, University of Tampere, Finland

Corresponding author: Vainio, N.(niklas.vainio@uta.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: A framework for analysing the sustainability of a community in four dimensions - social, cultural, legal and economical - is presented. The framework is further differentiated by taking into account the different types of open source software communities, particularly with regard to their work ethics: voluntary or salary-based. In conclusion, the framework is tentatively applied to two communities, Debian and Eclipse.

Number of references: 28

Page count: 7

Main heading: Open source software

Controlled terms: Compensation (personnel) - Ecosystems - Electronics industry - Employment - Open systems - Personal computing - Sustainable development

Uncontrolled terms: Debian - Eclipse - Four dimensions - Hackers - Open source software community - Work ethics

Classification code: 454.3 Ecology and Ecosystems

Ecology and Ecosystems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.5 Computer Applications

Computer Applications

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

19. Product oriented thinking and expert knowledge in consulting services

Accession number: 20130716014095

Authors: Naarmala, Jyri (1); Tuomi, Ville (1)

Author affiliation: (1) University of Vaasa, Finland

Corresponding author: Naarmala, J.(jyri.naarmala@uwasa.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This article focuses on problematic field of creating service products out of expert knowledge, especially within the field of consulting in the field of IT. This article seeks answer to basic question: "under what circumstances producing products out of expert knowledge is most efficient" using theory creating conceptual-analytical approach. Here a theoretical discussion towards common concepts known as product, consulting and expert knowledge is encouraged and a new theoretical framework based on previous studies within the fields of consulting and product oriented thinking, as well as knowledge management is presented.

Number of references: 42

Page count: 7

Main heading: Electronics industry

Controlled terms: Information services - Knowledge management

Uncontrolled terms: Analytical approach - Consulting - Consulting services - Expert knowledge - KIBs - Product - Service products - Theoretical framework

Classification code: 903.3 Information Retrieval and Use

Information Retrieval and Use

- 903.4 Information Services

Information Services

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

20. Understanding e-competences in adoption and assimilation of e-services

Accession number: 20130716014091

Authors: Scupola, Ada (1)

Author affiliation: (1) Department of Communication, Business and Information Technologies, Roskilde University, Hus 23.1, DK-4000, Roskilde, Denmark

Corresponding author: Scupola, A.(ada@ruc.dk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This article investigates competences in adoption and assimilation of business-to-business e-services. An in depth case study of an e-service system, the e-service provider and e-service customers is conducted. The results show that two main competences, vision and control, are important at top management level for the adoption of e-service. At individual level, eleven competences categorized as technical, interpersonal and conceptual were found important for the successful assimilation of e-services.

Number of references: 14

Page count: 9

Main heading: Electronics industry

Uncontrolled terms: Adoption - Assimilation - Business to business - Competences - E- services - Individual levels - Top management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

21. Introducing a strategic information systems planning metamethod for cooperative interorganization relationships

Accession number: 20130716014133

Authors: Mäkipää, Marko (1)

Author affiliation: (1) University of Tampere, Finland

Corresponding author: Mäkipää, M.(marko.makipaa@uta.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Strategic Information Systems Planning (SISP) and aligning IT with business has been in a key focus of IS managers for decades already. Constant changes in business environment and developments in technologies are hardly making the effort any easier. Characteristic for available SISP methods is their focus on a single organization. However, in current network economy the role of interorganizational systems is increasing creating a need for InterOrganizational Strategic Information Systems Planning (IOSISP). In this paper a general requirements for such are sought and presented in a form of metamethod.

Number of references: 69

Page count: 10

Main heading: Information systems

Controlled terms: Electronics industry - Information use

Uncontrolled terms: Business environments - Cooperation - Inter-organization - Inter-organizational - Inter-organizational information system - Inter-organizational relationships - Inter-organizational systems - Strategic information systems planning

Classification code: 903.3 Information Retrieval and Use

Information Retrieval and Use

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

22. Subcontracting product development - Creating competitiveness through networking

Accession number: 20130716014117

Authors: Kyrki, Anna (1)

Author affiliation: (1) Lappeenranta University of Technology, Finland

Corresponding author: Kyrki, A.(anna.kyrki@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Product development has become increasingly complex and resource-consuming. Consequently, internal development capabilities can prove insufficient for maintaining a firm's competitive position. External cooperation and networking have been suggested as means for accessing necessary complementary knowledge or resources. In this paper, cooperation is studied as the key to improving competitiveness, especially in case of small firms. Product development distributed across organisational boundaries can also help companies mitigate the effect of uncertainty and turbulence. The empirical part of the study describes supplier cooperation in four case companies. The focus is on software product development cooperation with foreign suppliers. The paper contributes to better understanding of organising product development across a network of suppliers.

Number of references: 44

Page count: 8

Main heading: Software design

Controlled terms: Competition - Electronics industry - Networks (circuits) - Product development - Software engineering

Uncontrolled terms: Competitive position - Foreign suppliers - Internal development - Organisational boundaries - Small firm - Software product development - Supplier cooperation

Classification code: 703.1 Electric Networks

Electric Networks

- 723.1 Computer Programming

Computer Programming

- 911.2 Industrial Economics

Industrial Economics

- 913.6 Product Development; Concurrent Engineering

Product Development; Concurrent Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

23. Creating consumers' acceptance of electronic risk manager

Accession number: 20130716014120

Authors: Järvinen, Raija (1); Peura-Kapanen, Liisa (1)

Author affiliation: (1) National Consumer Research Centre, Finland

Corresponding author: Järvinen, R.(raija.jarvinen@ncrc.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This paper clarifies how insurance companies can promote issues of consumer safety and risk management in electronic environment. On the basis of both qualitative and quantitative studies the suggestions for developing eRisk Manager are provided. The theoretical background of the paper relies on risk classifications and consumer perceived risk factors. The paper contributes theoretically by introducing widened framework of consumers' experienced risk classification and providing empirical results in the underresearched area of consumers' risks.

Number of references: 15

Page count: 5

Main heading: Risk management

Controlled terms: Electronics industry - Insurance - Managers - Risks

Uncontrolled terms: Consumer safety - Consumers - Electronic environments - Insurance companies - Internet services - Perceived risk - Quantitative study - Risk classification

Classification code: 912.4 Personnel

Personnel

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

24. From ordinary to virtual teams: A model for measuring the virtuality of a teamwork

Accession number: 20130716014136

Authors: Mihhailova, Gerda (1)

Author affiliation: (1) Department of Strategic Management, Pärnu College, University of Tartu, Estonia

Corresponding author: Mihhailova, G.(gerda.mihhailova@ut.ee)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Virtual teams and teamwork have been researched as a group level phenomenon as well as a new emerging type of organisational form. As most of the modern teams use to some extent virtual teamwork the question raises - how to measure the degree of virtuality of the teamwork used (v-score) The current paper presents a communication based approach model that enables to develop a typology of virtual teams by joining ordinary- and virtual teams into one model and also describing all the middle forms of teams in between those two pure types of teams.

Number of references: 24

Page count: 6

Main heading: Electronics industry

Uncontrolled terms: Group level - Ordinary team - Organisational - Typology of teams - Virtual team - Virtual teamwork

Classification code: 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

25. Business models for collaborative planning in transportation: An application to wood products

Accession number: 20130716014156

Authors: Jean-François, Audy (1); Sophie, D'Amours (2); Mikael, Rönqvist (3)

Author affiliation: (1) FORAC Research Consortium, Laval University, Canada; (2) Department of Mechanical Engineering, Laval University, Canada; (3) Department of Finance and Management Science, Norwegian School of Economics and Business, Norway

Corresponding author: Jean-François, A. (jean-francois.audy@cirrelt.ca)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: In this paper, we propose a framework to describe collaboration in transportation. Then, we discuss the strategic, tactical, operational and real-time transportation planning decisions and raise issues about implementing collaborative decision processes. Also, we provide a literature review of transport decision-support systems that use collaborative planning in the wood fiber flow chain in forestry. Finally, we propose a typology of different business models associated with collaboration in transport.

Number of references: 9

Page count: 7

Main heading: Electronics industry

Controlled terms: Decision support systems - Forestry - Transportation - Wood products

Uncontrolled terms: Business modeling - Business models - Collaboration - Collaborative decisions - Collaborative planning - Forest product industries - Literature reviews - Real-time transportation

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 811.2 Wood and Wood Products

Wood and Wood Products

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

26. The role of open knowledge in regional development - Case study

Accession number: 20130716014086

Authors: Inguaggiato, Claudio (1); Longo, Susanna (1); Garbarini, Michela (1)

Author affiliation: (1) CSP, Italy

Corresponding author: Inguaggiato, C. (claudio.inguaggiato@csp.it)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The paper describes the experience of CSP, a regional agency in the field of the Information Society. As catalyst for innovation in Piedmont region (north-west of Italy), CSP has been working in line with the regional strategy for the development of a knowledge-based economy. The paper outlines the key elements of the current strategy for regional development and describes the model and results implemented by CSP.

Number of references: 11

Page count: 5

Main heading: Open Data

Controlled terms: Catalysts - Electronics industry - Knowledge acquisition - Knowledge based systems - Planning - Regional planning

Uncontrolled terms: Information society - Key elements - Knowledge based economy - Micro-firms - Open knowledge - Regional agencies - Regional development - Service Oriented

Classification code: 403.2 Regional Planning and Development

Regional Planning and Development

- 723.4 Artificial Intelligence

Artificial Intelligence

- 723.4.1 Expert Systems

Expert Systems

- 803 Chemical Agents and Basic Industrial Chemicals

Chemical Agents and Basic Industrial Chemicals

- 804 Chemical Products Generally

Chemical Products Generally

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

27. The impact of technovation and collaboration on strategic service classification in the digital economy

Accession number: 20130716014084

Authors: Agarwal, Renu (1); Selen, Willem (1)

Author affiliation: (1) Macquarie Graduate School of Management, Australia

Corresponding author: Agarwal, R.(renuagarwal@bigpond.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Service organizations increasingly organize themselves and operate on a value chain level. This creates important challenges and opportunities, which call for a realignment of strategic focuses, in particular with respect to the impact of technovation on service creation and services modus operandi, their resulting service classification, and the restructuring amongst different service value chain industries. This research builds on a recently developed classification scheme, referred to as the Services Cubicle, that transcends current industry boundaries and includes upcoming service business trends in technovation. The paper subsequently illustrates a variety of service industry examples in order to clarify the resulting service classifications, taking into account deployment of varying degrees of technovation in that industry.

Page count: 10

Main heading: Service industry

Controlled terms: Electronics industry

Uncontrolled terms: Collaboration - Digital economy - Service classification/taxonomy - Services values - Technovation

Classification code: 602.1 Mechanical Drives

Mechanical Drives

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

28. The key success factors in distributed product development - Case Russia

Accession number: 20130716014115

Authors: Kyrki, Anna (1); Kortelainen, Samuli (1)

Author affiliation: (1) Lappeenranta University of Technology, Finland

Corresponding author: Kyrki, A.(anna.kyrki@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Distribution of new product development encompasses both great opportunities and threats. In this paper we aim to identify both key success factors and common pitfalls for Western firms in the organisation of distributed product development in Russia. Russia's national innovation system holds a lot of potential for foreign firms, but there are also many challenges to be addressed. By following general guidelines for co-development, the chances for success are likely to increase also in the case of joint development with Russian firms.

Number of references: 47

Page count: 9

Main heading: Product development

Controlled terms: Electronics industry

Uncontrolled terms: Co-development - Distributed product development - Innovation process - Joint development - Key success factors - National innovation systems - New product development - Russia

Classification code: 913.6 Product Development; Concurrent Engineering

Product Development; Concurrent Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

29. A multidisciplinary framework for concept evolution: A research tool for developing business models

Accession number: 20130716014122

Authors: Aaltonen, Jukka (1); Rinne, Jukka (1); Tuikkala, Ilkka (1)

Author affiliation: (1) University of Lapland, Finland

Corresponding author: Aaltonen, J.(jukka.aaltonen@ulapland.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The paper describes a new framework for multidisciplinary concept evolution (MCE). The impetus for systematizing the research concepts was a practical need to facilitate successful communication between different disciplines. The main benefit of the framework is that it aids the complex and dynamic process of conceptualization by highlighting abstraction, generalization, and ontology engineering as practical methods to implement concept evolution. One application of the framework is in solving complex business-related problems. The MCE framework can be utilized not only by researchers but also by other community stakeholders. Applying the framework to scientific disciplines may bring additional value to research as well as benefits to practical development endeavors.

Number of references: 16

Page count: 7

Main heading: Electronics industry

Controlled terms: Semantics

Uncontrolled terms: Business models - Concept evolutions - Dynamic process - Multi-disciplinary research - Ontology engineering - Practical method - Scientific discipline - Semantic interoperability

Classification code: 901.3 Engineering Research

Engineering Research

- 903.2 Information Dissemination

Information Dissemination

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

30. Mapping client expectations for better business design innovation

Accession number: 20130716014116

Authors: Montreuil, Benoit (1); Caisse, Sébastien (1)

Author affiliation: (1) Laval University, Canada

Corresponding author: Montreuil, B.(benoit.montreuil@cirrelt.ca)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This paper looks at the impacts of customer centricity (business models focused on understanding customer needs) and pull orientation (value chains whose output is dictated by end-user demand rather than producer capacity) on business design innovation in a new economy context. The key concepts are represented as client expectations. These are mapped over a business design framework, showing how they impact all aspects of the business in various ways. The result is a rich yet simple semantic network yielding relations, dependencies and synergies at a glance, based on the co-authors' Tetrahedral Business Design Framework.

Number of references: 21

Page count: 9

Main heading: Electronics industry

Controlled terms: Knowledge representation - Semantics

Uncontrolled terms: Business design - Business models - Client expectations - Customer need - End users - New economy - Semantic network - Value chains

Classification code: 723.4 Artificial Intelligence

Artificial Intelligence

- 912 Industrial Engineering and Management

Industrial Engineering and Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

31. Views and practices on inter-organizational learning in innovation networks

Accession number: 20130716014121

Authors: Lampela, Hannele (1); Kärkkäinen, Hannu (1)

Author affiliation: (1) Department of Industrial Engineering and Management, Lappeenranta University of Technology, Finland

Corresponding author: Lampela, H.(hannele.lampela@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: In this paper, the aim is to study interorganizational learning in innovation networks. We will particularly concentrate on different currently important or increasingly important approaches and views on organizational learning which are particularly relevant from the standpoint of networked innovation. The approaches can also be considered to be rather fundamental and general perspectives that lie behind many other learning perspectives. We aim to analyze the different learning approaches and evaluate their suitability in various situations and conditions of innovation networks in particular. We also suggest some practices in the case of each learning approach.

Number of references: 30

Page count: 9

Main heading: Knowledge management

Controlled terms: Electronics industry - Networks (circuits)

Uncontrolled terms: Innovation network - Inter-organizational learning - Learning - Learning approach - Networked innovations - Organizational learning

Classification code: 703.1 Electric Networks

Electric Networks

- 723.5 Computer Applications

Computer Applications

- 912 Industrial Engineering and Management

Industrial Engineering and Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

32. Knowledge management challenges in renewal of R&D processes in software business

Accession number: 20130716014147

Authors: Nina, Helander (1); Hanna, Hovila (1); Marianne, Kukko (1); Pasi, Virtanen (1)

Author affiliation: (1) Institute of Business Information Management, Tampere University of Technology (TUT), Finland

Corresponding author: Nina, H.(nina.helander@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: A software company operates in a dynamic, knowledge intensive business. To stay competitive in such a business, the R&D processes and their development play a significant role. Knowledge management becomes a factor when organizing knowledge work. This paper is based on a qualitative case study conducted in a software company moving to component based production. In addition to theoretical insights, the paper describes the KM challenges involved in this process and suggests solutions to these. Also some managerial implications are proposed.

Number of references: 27

Page count: 6

Main heading: Electronics industry

Controlled terms: Knowledge management

Uncontrolled terms: Component based - Knowledge-intensive business - Management challenges - Managerial implications - Process development - Qualitative case studies - Software business - Software company

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

33. The network characteristics of open source software business - A multi-disciplinary case study

Accession number: 20130716014149

Authors: Juha, Järvensivu (1); Nin, Helander (1)

Author affiliation: (1) Tampere University of Technology, Finland

Corresponding author: Juha, J.(juha.jarvensivu@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Open Source has become an important phenomenon in the field of software business, as Open Source can be seen as a viable alternative for traditional, proprietary way to develop competitive software solutions. Open Source bases on a networked way to develop software - networks are formed within one specific Open Source project (i.e. internal network) and between several Open Source projects (i.e. external network). This paper presents a case study of an Open Source project called Laika and its external network formed with other related Open Source projects. The

network analysis of Laika is carried out both from technological and business-oriented viewpoints and by following qualitative research methods.

Number of references: 11

Page count: 5

Main heading: Open source software

Controlled terms: Ecosystems - Electronics industry - Open systems

Uncontrolled terms: Business networks - Business-oriented - Dependencies - Network characteristics - Open source projects - Qualitative research methods - Software business - Software solution

Classification code: 454.3 Ecology and Ecosystems

Ecology and Ecosystems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

34. The effect of the internet on the magazine publishing industry

Accession number: 20130716014099

Authors: Ellonen, Hanna-Kaisa (1)

Author affiliation: (1) Lappeenranta University of Technology, Finland

Corresponding author: Ellonen, H.-K.(hanna-kaisa.ellonen@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The purpose of this paper is to analyze the effect of the Internet on the magazine publishing industry. By combining the views of industrial organization economics and the resource-based view, cross-level analysis is provided at industry and company levels. At the industry level, the Internet has not significantly changed the five forces that shape the nature and state of competition in the magazine publishing industry. At the company level, it is proposed that the Internet does not change the traditional core competencies of magazine publishers. However, dealing with the Internet also means dealing with change. As most media companies have cultures built on consistency, it is proposed that more dynamic capabilities are needed.

Number of references: 57

Page count: 6

Main heading: Competition

Controlled terms: Electronics industry - Industrial management - Internet - Publishing

Uncontrolled terms: Core competencies - Dynamic capabilities - Industrial organization economics - Magazine publishers - Magazine publishing - Media companies - Resource-based view - Strategy

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 903.2 Information Dissemination

Information Dissemination

- 911.2 Industrial Economics

Industrial Economics

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

35. Analysing multi-voiced strategising and firm-stakeholder interaction in open source software communities

Accession number: 20130716014151

Authors: Kujala, Johanna (1); Helander, Nina (2); Lehtimäki, Hanna (3)

Author affiliation: (1) University of Tampere, Finland; (2) Tampere University of Technology, Finland; (3) Life Works Consulting Ltd., Finland

Corresponding author: Kujala, J.(johanna.kujala@uta.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This paper discusses how to analyse the firm-stakeholder interaction in open source software (OSS) communities by looking at the process from a multi-voiced strategy perspective. We argue that current business models are built on a single-voiced understanding of strategising and interaction. This means that different stakeholders in the OSS communities are left without a voice in firms' strategy processes. As different actors involved in the OSS communities have sometimes very contradictory intentions and expectations, it is important to discover ways that will help us to better understand the nature of interaction in these communities and to create new ways of strategising that will take into account the different stakeholder perspectives.

Number of references: 20

Page count: 5

Main heading: Open source software

Controlled terms: Ecosystems - Electronics industry - Open systems

Uncontrolled terms: Business models - Interaction - Multi-voiced strategizing - Open source software community - Strategy process

Classification code: 454.3 Ecology and Ecosystems

Ecology and Ecosystems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

36. Enhancing student learning of enterprise integration by deploying SAP R/3 into curriculum

Accession number: 20130716014143

Authors: Seethamraju, Ravi (1)

Author affiliation: (1) University of Sydney, Australia

Corresponding author: Seethamraju, R.(r.seethamraju@econ.usyd.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Though the ability of enterprise systems (ES) software solutions in teaching concepts of cross-functional enterprise integration and process orientation are well recognised and discussed in the academic literature, many business schools/faculties, for different reasons, are slow in incorporating these latest software products in their curricula. This paper reports on one curriculum development project that extended the deployment of SAP R/3 into the business curriculum for enhancing students learning of enterprise integration. Employing questionnaire survey and self-assessment of the knowledge and skills gained in the course, the effectiveness of the curriculum design and delivery are reported in this paper. This study demonstrates the powerful role played by the ERP system in developing business process orientation and cross-functional perspective to business students.

Number of references: 24

Page count: 5

Main heading: Curricula

Controlled terms: Electronics industry - Enterprise resource planning - Integration - Students - Surveys

Uncontrolled terms: Academic literature - Business curricula - Curriculum designs - Curriculum development project - Enhancing student learning - Enterprise Integration - Process orientation - Questionnaire surveys

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 901.2 Education

Education

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

37. A Qualitative analysis of consumers' perceptions of the trustworthiness of e-commerce

Accession number: 20130716014108

Authors: Pennanen, Kyösti (1); Paakki, Minna-Kristiina (2)

Author affiliation: (1) University of Vaasa, Finland; (2) Rovaniemi University of Applied Sciences, Finland

Corresponding author: Pennanen, K.(kyosti.pennanen@uvasa.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: A lack of consumer trust hinders the development of electronic commerce. Although the importance of consumer trust in e-commerce is recognized and several studies have been done about the phenomenon, there is still confusion among researchers concerning different concepts related to trust. As an example, researchers have confused the concepts of consumer trust and trustworthiness and trust and risk. Furthermore, the lack of empirical studies concerning consumer trust has increased the confusion. This paper contributes by exploring what meanings consumers give to the less studied concept of trustworthiness in the context of e-commerce and by providing building blocks for further research. The findings of our study revealed altogether 11 different attributes of trustworthiness that consumers saw as important with respect to electronic grocery shopping.

Number of references: 21

Page count: 6

Main heading: Electronics industry

Controlled terms: Electronic commerce

Uncontrolled terms: Building blockes - Consumer - Electronic grocery shop - Empirical studies - Qualitative analysis - Trust - Trust and trustworthiness - Trustworthiness

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

38. Acquiring skills for virtual multicultural teams through a business game

Accession number: 20130716014098

Authors: Fischlmayr, Iris (1); Lähteenmäki, Satu (2)

Author affiliation: (1) Johannes Kepler University, Linz, Austria; (2) Turku School of Economics, Turku, Finland

Corresponding author: Fischlmayr, I.(iris.fischlmayr@jku.at)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: In our contribution we will analyze typical behavioral factors coming up in virtual multicultural teams, thus in teams working together across geographical boundaries by communicating mainly by the use of electronic media. With the help of an online business game we aim to find innovative ways to train team members and leaders to acquire skills required for efficient virtual multicultural teamwork and communication. Students' data will help in a first step to find out more about the factors influencing virtual multicultural teams and will, as a second step, serve as a basis for creating a virtual team training for business.

Number of references: 33

Page count: 6

Main heading: E-learning

Controlled terms: Electronics industry - Personnel training

Uncontrolled terms: Behavioral factors - Business games - Electronic media - Multi-cultural teams - Online business - Team members - Virtual communication - Virtual team

Classification code: 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

39. E-Banking integrated data utilization platform WINBANK case study

Accession number: 20130716014088

Authors: Aggelis, Vasilis (1)

Author affiliation: (1) Piraeusbank SA, Greece

Corresponding author: Aggelis, V.(aggelisv@winbank.gr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: we all are living in information society. Companies and Organizations have many information networks. But when we talk about information, we talk about a wide notion. Scope of modern organizations is not only having data. Their target is to gain competitive advantages from them. The basic means to achieve their target are the use of modern and steady methodologies and systems depend on them, in order to find hidden patterns or models. Our platform is an innovative one. We specify our methodology taking into account human factor and we build an integrated data utilization system. In the next paragraphs, we introduce our techniques and system.

Number of references: 16

Page count: 5

Main heading: Data mining

Controlled terms: Banking - Competition - Electronic commerce - Electronics industry - Information services

Uncontrolled terms: Competitive advantage - E-banking - Hidden patterns - Information networks - Information society - Integrated data - Internet banking frauds - Knowledge utilization

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 723.5 Computer Applications

Computer Applications

- 903.4 Information Services

Information Services

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

40. Building a customer value model in mobile communication business

Accession number: 20130716014126

Authors: Pynnönen, Mikko (1); Hallikas, Jukka (1)

Author affiliation: (1) Technology Business Research Center, Lappeenranta University of Technology, Finland

Corresponding author: Pynnönen, M.(mikko.pynnönen@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Communication services are currently confronted with large changes due to the price erosion of services and entering new service providers. The gap is filled with different services that are hoped to be successful in the near future. The problem, however, is that firms do not necessarily know what their customers value. One solution to the problem is building a customer value model. This paper applies the Delphi method to formulating the customer value model which is implemented by using the Analytic Hierarchy Process. The result is a model for understanding customer value preferences which includes the relative value preferences of the value elements and their attributes,

the preference profiles for deeper segmentation of customers, and finally the performance analysis of the case systems.

Number of references: 20

Page count: 8

Main heading: Mobile telecommunication systems

Controlled terms: Electronics industry - Sales

Uncontrolled terms: Business modeling - Communication service - Customer values - Delphi - Different services - Mobile communications - Mobile service - Performance analysis

Classification code: 911.4 Marketing

Marketing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

41. Mobile broadcast business dynamics

Accession number: 20130716014124

Authors: Kivisaari, Eino (1)

Author affiliation: (1) Telecommunications and Multimedia Laboratory, Helsinki University of Technology, Espoo, Finland

Corresponding author: Kivisaari, E.(eino.kivisaari@tkk.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Mobile broadcast technology has matured to a point where commercial launches are either taking place or being delayed by issues related to regulation, content IPR or business models and revenue sharing. There are several competing radio technologies, mobile broadcast service platforms and numerous handset vendors are producing-or ready to start producing-mobile television capable terminals. In this situation we need to clarify the service concepts and operator roles so that both the academic and industry participants can formulate their views on a common ground, which is namely the purpose of this paper. In addition, the aim is to point out the features rising from the technologies used and the existing business environment, that have most significant consequences to the mobile broadcast value chain and revenue sharing.

Number of references: 15

Page count: 5

Main heading: Electronics industry

Controlled terms: Economics - Radio broadcasting - Service industry

Uncontrolled terms: Broadcast technology - Business environments - Dvb-h - Mobile broadcast services - Operator roles - Radio technologies - Revenue-sharing - Value chains

Classification code: 716.3 Radio Systems and Equipment

Radio Systems and Equipment

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

42. Competition within the Finnish games industry

Accession number: 20130716014152

Authors: Peltoniemi, Mirva (1)

Author affiliation: (1) Tampere University of Technology, Finland

Corresponding author: Peltoniemi, M.(mirva.peltoniemi@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Competition is commonly understood as a process where the market shares are reallocated from the less efficient firms towards the more efficient ones. Within the evolutionary framework it is also emphasized that innovation is an important competitive weapon that will allow the firm to escape fierce price competition. The findings from the Finnish games industry suggest that efficiency and market shares are not an insightful way to analyze competition as the size of the market is not constant even in the short run, the products are far from being perfect substitutes and, as it is a case of steep increasing returns, the efficiency in game development is not of prime importance. Also, additional consideration should be given to the competition over resources and the way in which competition both encourages and restricts innovation.

Number of references: 13

Page count: 8

Main heading: Competition

Controlled terms: Commerce - Efficiency - Electronics industry - Software design

Uncontrolled terms: Evolutionary framework - Evolutionary theories - Finnish - Game development - Market share - Price competition - Selection - Specialization

Classification code: 723.1 Computer Programming

Computer Programming

- 911.2 Industrial Economics

Industrial Economics

- 913.1 Production Engineering

Production Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

43. A model for controlling the patient care process - The challenges and opportunities of Electronization

Accession number: 20130716014109

Authors: Klemola, Katja (1); Kaarna, Tanja (1); Kauppinen, Ritva (2); Kärri, Timo (1)

Author affiliation: (1) Lappeenranta University of Technology, Finland; (2) South Karelia Hospital District, Finland

Corresponding author: Klemola, K.(katja.klemola@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Hospitals are in a great pressure between cost savings and a growing need for patient care. This pressure makes it essential to measure, follow up and develop the processes in order to make them more efficient. This kind of development requires new managerial tools and also new ways of storing the data in hospitals. This study evaluates the opportunities and challenges of electronization in hospitals from the managerial point of view. These opportunities and challenges rise from developing a model for measuring the costs, quality and time of the patient care process in one case hospital. As a result we conclude that if benefits from managerial innovations are to be achieved, electronization of hospitals databases is required.

Number of references: 11

Page count: 6

Main heading: Process control

Controlled terms: Electronics industry - Health care - Hospitals - Managers

Uncontrolled terms: Cost saving - Electronization - Follow up - Patient care - Patient care process

Classification code: 461.7 Health Care

Health Care

- 462.2 Hospitals, Equipment and Supplies

Hospitals, Equipment and Supplies

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

44. Towards seamless product structure information integration

Accession number: 20130716014145

Authors: Kotinurmi, Paavo (1); Becker, Ilse (2)

Author affiliation: (1) TKK, Finland; (2) Valmet Automotive Oy, Finland

Corresponding author: Kotinurmi, P.(paavo.kotinurmi@tkk.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Although B2B integration is nothing new, interoperability is still a big issue in product data communication. However new technologies are introduced and existing standards evolve to better support all operations to improve the situation. In this paper we introduce a product structure information exchange case from automotive supply chain. Current integration has proprietary XML interface between partners and the integration has constantly errors requiring manual checks for the incoming information and interface have been inflexible to changes in the systems. We review relevant technical and content standards to solve this case. The traditionally used message validation technologies such as DTD or XML Schema lack the expressive power to solve some problems and thus we present a practical case for new semantic web service technologies.

Number of references: 14

Page count: 7

Main heading: Automotive industry

Controlled terms: Electronics industry - Integration - Semantic Web - Service industry - Standards - Supply chains - Web services - Websites - XML

Uncontrolled terms: Automotive supply chains - B2B integration - Expressive power - Product data - Product structure - Semantic web service technologies - Validation technologies - XML schemas

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 902.2 Codes and Standards

Codes and Standards

- 903 Information Science

Information Science

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

45. An integrated service-oriented development platform for realization of e-business systems

Accession number: 20130716014153

Authors: Lu, Xiaohua (1); Li, Yinsheng (1); Lo, C.-C. (2); Chao, Kuo-Ming (3)

Author affiliation: (1) Software School, Fudan University, Shanghai, China; (2) Institute of Information Management, National Chiao-Tung University, Hsin-Chu, 300, Taiwan; (3) DSM Research Group, Department of CNS, Coventry University, Coventry, CV1 5FB, United Kingdom

Corresponding author: Lu, X.(liys@fudan.edu.cn)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS, Tilburg University, Netherlands

Number of references: 18

Page count: 7

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

46. Influence of enterprise systems on business process agility

Accession number: 20130716014142

Authors: Seethamraju, Ravi (1)

Author affiliation: (1) University of Sydney, Australia

Corresponding author: Seethamraju, R.(r.seethamraju@econ.usyd.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Business process agility (a combination of speed and flexibility) is increasingly becoming an important weapon for achieving a competitive advantage in today's growing competition and dynamic business environment. Based on literature review and past research by the author, this paper will present the development of a research framework to investigate the influence of enterprise systems on business process agility. Using exploratory qualitative case studies, this study will identify the major drivers and inhibitors for enhancing the process agility in business organizations that have implemented enterprise systems and investigate the possibility of attaining both process efficiency and agility simultaneously while automating and/or integrating business processes.

Number of references: 49

Page count: 7

Main heading: Competition

Controlled terms: Electronics industry - Enterprise resource planning

Uncontrolled terms: Business organizations - Business Process - Competitive advantage - Dynamic business environment - Enterprise system - Integrating business process - Process change - Qualitative case studies

Classification code: 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

47. Software outsourcing partnership process - A life cycle?

Accession number: 20130716014111

Authors: Kinnula, Marianne (1); Seppänen, Veikko (1); Warsta, Juhani (1); Vilminko, Sari (1)

Author affiliation: (1) University of Oulu, Finland

Corresponding author: Kinnula, M.(marianne.kinnula@oulu.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Van de Ven and Poole contend that all the specific theories of organizational change and development used in management research come back to four basic theories: life cycle theory, evolution theory, dialectic theory, and teleology, and that most of the organizational theories are some kind of combination of these four. In outsourcing research most of the researchers implicitly assume that an outsourcing process follows the life cycle theory. In this study we analysed a software outsourcing partnership model and found out that the model indeed followed life cycle theory.

Number of references: 2

Page count: 5

Main heading: Outsourcing

Controlled terms: Artificial life - Computer software - Electronics industry - Life cycle - Mergers and acquisitions - Philosophical aspects - Research and development management - Software engineering

Uncontrolled terms: Basic theory - Evolution theory - Life cycle theories - Management research - Organizational change and development - Organizational theory - Partnership - Software outsourcing

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.1 Computer Programming

Computer Programming

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

48. Investigating the effect of consumer traits on the relative importance of TAM constructs in an e-commerce context

Accession number: 20130716014113

Authors: Broekhuizen, Thijs L.J. (1); Huizingh, Eelko K.R.E. (1)

Author affiliation: (1) University of Groningen, Netherlands

Corresponding author: Broekhuizen, T.L.J.(t.l.j.broekhuizen@rug.nl)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This paper tests whether the Technology Acceptance Model (TAM) holds for different groups of customers. In doing so, we investigate the moderating effect of eight customer traits (socio-demographics, psychographics, and prior experience) on important relationships within TAM for an online shopping context. The results show that in general TAM is quite capable of predicting customers' online purchase intentions. For some moderators, however, the impact of a predictor is significantly different. Sociodemographics have the strongest influence on altering the relative importance of the predictors, while the moderating influence of prior online shopping experience is significant in some cases. Psychographics are found to be mostly unrelated to the extent to which TAM predictor impact purchase intentions. Theoretical and managerial implications are discussed.

Number of references: 27

Page count: 5

Main heading: Electronic commerce

Controlled terms: Acceptance tests - Electronics industry - Moderators - Purchasing - Sales

Uncontrolled terms: Context dependency - E-commerce context - Managerial implications - Moderating effect - Online shopping - Purchase intention - Sociodemographics - Technology acceptance model

Classification code: 723.5 Computer Applications

Computer Applications

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

49. A framework for utilizing group support systems in scenario process

Accession number: 20130716014112

Authors: Piirainen, Kalle (1); Kortelainen, Samuli (1); Elfvingren, Kalle (1); Tuominen, Markku (1)

Author affiliation: (1) Lappeenranta University of Technology, Finland

Corresponding author: Piirainen, K.(kalle.piirainen@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: In modern day business, managing environmental change has become a vital part of building success. Changes in technology or business conditions can have a drastic effect on the business in the long run. One of the more potent tools proposed to avert this problem is scenario planning. It has been noticed in multiple occasions that traditional forecasting is vulnerable to sudden changes; scenario planning aims to work around the problems of forecasting by mapping the possibilities of the future with a wider perspective. The purpose of this study is to test whether the scenario process can be facilitated with a group support system (GSS) and whether it presents positive gains to the scenario process. According to the two case studies processed in this paper, it seems that GSS indeed holds potential for facilitating the scenario process. On average, people participating in GSS supported sessions have found that GSS enhances group work in the scenario process and that the concept of creating satisfactory scenario with GSS support is feasible.

Number of references: 33

Page count: 12

Main heading: Decision support systems

Controlled terms: Electronics industry - Groupware - Mobile telecommunication systems

Uncontrolled terms: Business conditions - Case-studies - Environmental change - Group support systems - Group work - Scenario Planning - Sudden change

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

50. Effect of knowledge on organizational change

Accession number: 20130716014154

Authors: Markova, Maiju (1)

Author affiliation: (1) Tampere University of Technology, Finland

Corresponding author: Markova, M.(maiju.markova@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Knowledge is nowadays considered to be the main source of competitiveness in many companies. Knowledge may also be the facilitator of organizational change, and thereby, contribute indirectly to the

competitiveness. Organizational change is, however, a broad concept and it is examined from many perspectives in multiple disciplines. Therefore, the aim of this theoretical paper is to analyze and categorize concepts, theories and models of organizational change. This paper also provides some preliminary views of what is the role of knowledge for changes in organizations. Based on a literature review, change is categorized based on the theory (selection, adaptation, or coevolution), intentionality (planned or emergent), and the type or magnitude of change. Knowledge forms and processes are proposed to be seen as a facilitator of incremental and radical changes.

Number of references: 37

Page count: 6

Main heading: Knowledge management

Controlled terms: Competition - Electronics industry

Uncontrolled terms: Co-evolution - Incremental changes - Intentionality - Knowledge - Literature reviews - Multiple disciplines - Organizational change - Radical change

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

51. Multi-behavior agent model for supply chain management

Accession number: 20130716014089

Authors: Forget, Pascal (1); D'amours, Sophie (1); Frayret, Jean-Marc (1)

Author affiliation: (1) FORC Research Consortium, Université, Laval, QC, Canada

Corresponding author: Forget, P.(pascal.forget@centor.ulaval.ca)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Recent economic and international threats to occidental industries have encouraged companies to rethink their planning systems. Due to consolidation, the development of integrated supply chains and the use of inter-organizational information systems have increased business interdependencies and the need for collaboration. Thus, agility and the ability to deal quickly with disturbances in supply chains are critical to maintain overall performance. In order to develop tools to increase the agility of the supply chain and to promote the collaborative management of such disturbances, agent-based technology takes advantage of the ability of agents to make autonomous decisions in a distributed network. This paper proposes a multi-behavior agent model using different decision making approaches in a context where planning decisions are supported by a distributed advanced planning system (d-APS). The implementation of this solution is realized through the FOR@C experimental agent-based platform, dedicated to the supply chain planning for the forest products industry.

Number of references: 45

Page count: 10

Main heading: Supply chain management

Controlled terms: Autonomous agents - Decision making - Electronics industry - Industrial economics - Information retrieval systems - Information use

Uncontrolled terms: Advanced planning system - Agent architectures - Agent based technologies - Agent-based planning systems - Collaborative management - Forest-products industry - Inter-organizational information system - Lumber industry

Classification code: 903.3 Information Retrieval and Use

Information Retrieval and Use

- 911.2 Industrial Economics
 Industrial Economics
 - 912 Industrial Engineering and Management
 Industrial Engineering and Management
 - 912.2 Management
 Management
 - 913 Production Planning and Control; Manufacturing
 Production Planning and Control; Manufacturing
Compendex references: YES
Database: Compendex
 Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

52. Three phases RFID adoption: A road map to success

Accession number: 20130716014105
Authors: Cheung, Waiman (1); Chu, Sung-Chi (1); Du, Timon C. (1)
Author affiliation: (1) Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, Hong Kong
Corresponding author: Cheung, W.(wcheung@baf.msmail.cuhk.edu.hk)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy
Issue date: 2006
Publication year: 2006
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006
Conference date: November 28, 2006 - December 2, 2006
Conference location: Tampere, Finland
Conference code: 95359
Publisher: CEUR-WS
Abstract: Radio frequency identification (RFID) uses radio frequency technology for automated identification. The use of RFID brings the second source of information to enterprise management. It is said the second source is because, in the conventional approach, the information is shared among the various units through an integrated enterprise system. In this study, we define three layers of networks, i.e. Intranet, Extranet, and Internet, can be used to share RFID data and the adoption of RFID technology can be recognized into three phases: standalone adoption, supply chain adoption, and global adoption. Issues in each adoption will be address as well as road map to the success will be included.
Number of references: 12
Page count: 5
Main heading: Radio frequency identification (RFID)
Controlled terms: Electronics industry - Maps - Network layers - Radio waves - Supply chains
Uncontrolled terms: Automated identification - Conventional approach - Enterprise management - Enterprise system - Radiofrequency technology - RFID Technology - Technology adoption - Three phasis
Classification code: 405.3 Surveying
 Surveying
 - 711 Electromagnetic Waves
 Electromagnetic Waves
 - 716.3 Radio Systems and Equipment
 Radio Systems and Equipment
 - 723 Computer Software, Data Handling and Applications
 Computer Software, Data Handling and Applications
 - 912 Industrial Engineering and Management
 Industrial Engineering and Management
 - 913 Production Planning and Control; Manufacturing
 Production Planning and Control; Manufacturing
Compendex references: YES
Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

53. Electronic government and public service modernisation: Experience from the frontline

Accession number: 20130716014097

Authors: Kieran, Tony (1); McDonagh, Joe (2)

Author affiliation: (1) Donegal Integrated, Service Delivery Project, Ireland; (2) Trinity College Dublin, Ireland

Corresponding author: Kieran, T.(tonykieran@eircom.net)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The paper is based on research into public service modernisation initiatives undertaken in County Donegal, reviewing these initiatives and setting out the progress achieved to date. Progress is evaluated in the context of international and national public service modernisation developments and the contribution made to the overall vision of delivering integrated public services. The interdependence between local and national initiatives is examined with the impact on outcomes evaluated. Key lessons emerging from the experience of using technology (eGovernment) to modernise service delivery are synthesised with a view to distilling the imperatives to be considered in maximising the benefits from eGovernment initiatives. EGovernment has a critical role to play in service modernisation with best results likely to be achieved through incorporating technology into an integrated service modernisation strategy. Imperatives to be addressed are set out, along with a roadmap for use in undertaking a complex public service modernization programme.

Number of references: 12

Page count: 5

Main heading: Electronics industry

Controlled terms: e-government - User experience

Uncontrolled terms: Change management - Electronic government - Integrated service - Ireland - National initiatives - Overall vision - Public services - Service delivery

Classification code: 902.3 Legal Aspects

Legal Aspects

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

54. The role of Customer Participation in Creating e-Service Value

Accession number: 20130716014102

Authors: Heinonen, Kristina (1)

Author affiliation: (1) Hanken Swedish School of Economics, Helsinki, Finland

Corresponding author: Heinonen, K.(kristina.heinonen@hanken.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Customer participation in service delivery has been argued to be growing especially in the field of e-services. The aim of this paper is to explore the role of participation on customer perceptions of e-service value. The theoretical framework represents a four-dimensional model of e-service value based on technical, functional, temporal, and spatial value dimensions and it is suggested that e-service value is influenced by the service, customer, and situation. An empirical study based on 3328 usable responses investigates consumers' perceptions of an online travel service. The findings show that active participation on the site increases service value and hence it indicates that customer participation has a role in creating value to e-services. The paper contributes to service marketing research through its empirical findings on e-service value and customer participation.

Number of references: 33

Page count: 7

Main heading: Sales

Controlled terms: Electronics industry

Uncontrolled terms: Customer participation - Customer perceptions - Dimensional model - E- services - Empirical findings - Empirical studies - Service management - Theoretical framework

Classification code: 911.4 Marketing

Marketing

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

55. Analyzing the internet-based changes in the finnish residential real estate market. Case: Igglo.

Accession number: 20130716014123

Authors: Sunikka, Anne (1); Bragge, Johanna (1)

Author affiliation: (1) Helsinki School of Economics, Finland

Corresponding author: Sunikka, A.(anne.sunikka@hse.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This paper is about real estate industry in Finland, and the Internet-based changes that have turned a collection of static pictures and text into a more interactive search and decision making tool for home hunters. The novel e-services and marketing model of Igglo, a newcomer to the Finnish real estate industry, are described in detail. In addition, several US exemplars of innovative ways of offering real estate services are presented. Finally, different ways of providing real estate services are compared in order to judge whether the Internet is now ready to fulfill its promise of more efficient and nearly friction-free markets.

Number of references: 41

Page count: 10

Main heading: Electronics industry

Controlled terms: Commerce - Decision making - Housing - Marketing - Service industry

Uncontrolled terms: Business modeling - Decision making tool - E- services - Interactive search - Marketing strategy - Real estate industries - Real-estate agencies - Residential real estate market

Classification code: 403.1 Urban Planning and Development
Urban Planning and Development
- 911.4 Marketing
Marketing
- 912.2 Management
Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

56. The role of complexity in preparing for municipal decision-making

Accession number: 20130716014090

Authors: Jalonen, Harri (1)

Author affiliation: (1) Institute of Information Business Management, Tampere University of Technology, Finland

Corresponding author: Jalonen, H.(harri.jalonen@turkuamk.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The purpose of this paper is to analyze how the theories of complexity may give insight and a new perspective into the preparation of decision-making at the municipal level. Based on concepts like emergence, self-organization, far-from-chaos, connectivity and feedback processes, the paper suggests that more attention should be paid to the invisible dynamics of the preparation process. Municipalities are regarded as open and complex social systems that must ensure democracy and make effective decisions at the same time. Furthermore, municipalities should be able to analyze information and to construe the meaning of their operational environment. Among other things, officeholders and politicians should also be creative and innovative. This paper is based on a conceptual analysis done by the author. The literature of that analysis included several dissertations concerning decision-making at the local government level in Scandinavian countries, particularly in Finland 1. This paper is based also on other sources. This paper is descriptive and interdisciplinary in nature, and the goal is to outline a framework for future research.

Number of references: 47

Page count: 7

Main heading: Decision making

Controlled terms: Electronics industry

Uncontrolled terms: Complex social systems - Complexity - Conceptual analysis - Municipal managements - Operational environments - Preparation process - Scandinavian countries - Self organizations

Classification code: 912.2 Management
Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

57. Do enterprise systems enable supply chain integration

Accession number: 20130716014150

Authors: Seethamraju, Ravi (1)

Author affiliation: (1) University of Sydney, Australia

Corresponding author: Seethamraju, R.(r.seethamraju@econ.usyd.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Features of ERP systems such as standardized business processes, data integrity, real-time availability, visibility and processing capability of information are expected to create an excellent backdrop for embarking on integration with external partners in the supply chain. This paper reports on the enabling role of ERP systems in achieving supply chain integration from an interpretive case study analysis. Study observed that the organization is slow in embarking on changes to the inter-enterprise processes and not taking full advantage of the high potential. Reasons noted for constraining role of ERP systems in achieving an effective supply chain integration are changes in power and organizational structures, inadequate integration of internal processes, limited flexibility of processes, lack of decision support capability of the ERP system, and general inertia for further changes consequent to ERP implementation. In addition other factors such as supply chain partners inability to take a holistic view, complexity of developing technology interfaces, industry characteristics, and lack of information technology sophistication of the smaller partners are also limiting the potential.

Number of references: 29

Page count: 7

Main heading: Enterprise resource planning

Controlled terms: Decision support systems - Electronics industry - Integration - Real time systems - Supply chains

Uncontrolled terms: Enterprise system - ERP implementation - Industry characteristics - Interpretive case studies - Organizational structures - Processing capability - Supply chain partners - Supply-chain integration

Classification code: 722.4 Digital Computers and Systems

Digital Computers and Systems

- 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

- 921.2 Calculus

Calculus

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

58. Perceived attraction of online communities among elderly people

Accession number: 20130716014127

Authors: Mittilä, Tuula (1); Antikainen, Maria (2)

Author affiliation: (1) Turku School of Economics, Pori Unit, Finland; (2) Tampere University of Technology, Finland

Corresponding author: Mittilä, T.(tuula.mittila@tse.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Amount of elderly people that visit online communities is constantly growing. However, there is a research gap considering elderly people as Internet users and online community members. Therefore, in this paper we scrutinized elderly people's perceptions of factors that encourage them to join online communities and, on the other hand, of factors preventing them from joining the communities. The empirical data was gathered by both posing questions and linking a web questionnaire in discussion forums aimed for elderly people. The study at hand seems to verify the existence of the attraction factors identified in earlier studies. On the other hand, the study does not seem to support the suggestion that elderly people need any other special web services than focused communities. According to the study, elderly people prefer discussions with others from the same age group. At the time being, the number of online communities targeted at Finnish senior citizens is low. As a conclusion we propose that by offering elderly people more online communities their social well-being could be increased.

Number of references: 58

Page count: 10

Main heading: Online systems

Controlled terms: Electronics industry - Social networking (online) - Web services

Uncontrolled terms: Attraction - Discussion forum - Elderly people - Empirical data - Non-attraction - On-line communities - Senior citizens - Social well-being

Classification code: 722.4 Digital Computers and Systems
Digital Computers and Systems

- 723 Computer Software, Data Handling and Applications
Computer Software, Data Handling and Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

59. A holistic method for finding out critical features of industry maintenance services

Accession number: 20130716014100

Authors: Ranta, Juha-Matti (1); Takala, Josu (1)

Author affiliation: (1) University of Vaasa, Finland

Corresponding author: Ranta, J.-M.(juha-matti.ranta@uwasa.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The purpose of this case study is to create a competitive operative management system for efficiency and quality performance for a company running maintenance service business for globally competitive forest industry production. Furthermore the research aim is to find out and eliminate obstacles affecting efficiency by identifying the factors that can cause problems in the near future in the service process. This evidently means efforts to create and implement new "eWorld suitable sense and respond" methods to measure, follow and improve performance of the service production. The theoretical framework was drawn up to summarize the major findings about up-to-date topics on industrial production related services having high competence and competitiveness requirements, and to act as a guideline for the empirical pilot research. A qualitative research method with multicriteria decision making process was

created and utilised in order to collect data through in-depth expert interviews. The performance measurement and improvement system developed has been piloted in two small scale production maintenance service processes with encouraging experiences, and have already been implemented into everyday use.

Number of references: 17

Page count: 8

Main heading: Electronics industry

Controlled terms: Competition - Decision making - Efficiency - Industrial research - Maintenance - Production - Service industry

Uncontrolled terms: Competitiveness - Multi criteria decision making - Performance management - Process industries - Service

Classification code: 911.2 Industrial Economics

Industrial Economics

- 912.1 Industrial Engineering

Industrial Engineering

- 912.2 Management

Management

- 913.1 Production Engineering

Production Engineering

- 913.5 Maintenance

Maintenance

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

60. Re-qualifying delivered devices and inventory for a new product specifications, a case study

Accession number: 20130716014155

Authors: Orsila, Seppo (1); Aho, Mika (1)

Author affiliation: (1) Modulight, Inc., Finland

Corresponding author: Orsila, S.(seppo.orsila@modulight.com)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The paper examines an e-Commerce system for re-qualifying delivered products and inventory for new product specifications, and proposes a streamline supply chain model with a mass-customization and a customer-direct capability. The paper also introduces benefits and foundation for a strategy for producing generic renewable designs. The empirical research was carried out by means of a case study in a Finnish SME that manufactures laser diodes for international markets. To provide a background, the product customization in a semiconductors industry, system analysis and architecture are addressed. The analysis and conclusions are based on the authors' experimental findings from this area. The study shows that a mass-customization is beneficial in the semiconductors industry as long as the laser diode designs are properly parameterized and structured in the database.

Number of references: 10

Page count: 5

Main heading: Electronics industry

Controlled terms: Computer aided manufacturing - Electronic commerce - International trade - Product development - Semiconductor diodes - Semiconductor lasers - Specifications - Supply chain management

Uncontrolled terms: E-commerce systems - Empirical research - International markets - Laser diode designs - Mass customization - Product customization - Product specifications - Supply chain modeling

Classification code: 714.2 Semiconductor Devices and Integrated Circuits

Semiconductor Devices and Integrated Circuits

- 723.5 Computer Applications

Computer Applications

- 744.4.1 Semiconductor Lasers

Semiconductor Lasers

- 902.2 Codes and Standards

Codes and Standards

- 912 Industrial Engineering and Management

Industrial Engineering and Management

- 913 Production Planning and Control; Manufacturing

Production Planning and Control; Manufacturing

- 913.6 Product Development; Concurrent Engineering

Product Development; Concurrent Engineering

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

61. Applying absorptive capacity construct to customer-related knowledge processing

Accession number: 20130716014101

Authors: Salojärvi, Hanna (1); Sainio, Liisa-Maija (1)

Author affiliation: (1) Lappeenranta University of Technology, Finland

Corresponding author: Salojärvi, H.(hanna.salojarvi@lut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The importance of customer-related knowledge as a source of competitive advantage has been addressed by several researchers during the last decade. However, only a little is known about the processes through which firms learn to know their customers organization-wide. In this article we propose that one possibility to study how firms process customer-related knowledge, and thus learn about and from their customers organization-wide, is to apply absorptive capacity construct originally developed in the context of innovation activities. By building on previous literature on absorptive capacity, customer knowledge management and relationship marketing, we introduce a conceptual framework of customer-related absorptive capacity, and discuss the external and internal antecedents to the construct. We propose that customer relationship performance could at least partly be explained by the capability of the supplier firm to acquire, assimilate, transform and exploit customer-related knowledge.

Number of references: 40

Page count: 7

Main heading: Sales

Controlled terms: Competition - Electronics industry - Knowledge management - Public relations

Uncontrolled terms: Absorptive capacity - Competitive advantage - Conceptual frameworks - Customer knowledge - Customer knowledge management - Customer relationships - Knowledge processing - Relationship marketing

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

62. Measurement of team knowledge: Transactive memory system and team mental models

Accession number: 20130716014093

Authors: Kitaygorodskaya, Natalia (1)

Author affiliation: (1) University of Vaasa, Finland

Corresponding author: Kitaygorodskaya, N.(knata@uwasa.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The paper addresses an issue of measurement of team knowledge. Different, though related, views on team knowledge, namely transactive memory system and team mental models, are discussed. Transactive memory system is a concept of a group memory. It consists of individual expertise of team members as well as their knowledge of "who knows what" and is based on communication. Team mental model is a shared organized understanding of team's environment. The emphasis in the paper is given to measurement of transactive memory system. Research on team mental models is considered as supplementary. Reviews of approaches to measurement of team knowledge as well as research to date on transactive memory system in organizational settings are presented. An example that reveals contradiction between results of measurement of transactive memory system and team mental model is provided. The paper finishes with the discussion of research gaps identified in the literature and discovered in the example presented.

Number of references: 27

Page count: 6

Main heading: Cognitive systems

Controlled terms: Electronics industry - Measurement

Uncontrolled terms: Group memory - Organizational setting - Paper finish - Research gaps - Team knowledge - Team members - Team mental models - Transactive memory systems

Classification code: 901.3 Engineering Research

Engineering Research

- 941 Acoustical and Optical Measuring Instruments

Acoustical and Optical Measuring Instruments

- 942 Electric and Electronic Measuring Instruments

Electric and Electronic Measuring Instruments

- 943 Mechanical and Miscellaneous Measuring Instruments

Mechanical and Miscellaneous Measuring Instruments

- 944 Moisture, Pressure and Temperature, and Radiation Measuring Instruments

Moisture, Pressure and Temperature, and Radiation Measuring Instruments

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

63. Exploring the possibilities for mobile insurance services

Accession number: 20130716014144

Authors: Salonen, Jarno (1); Ahonen, Aki (2); Koskinen, Harri (1)

Author affiliation: (1) VTT Technical Research Centre, Finland; (2) School of Economics and Business Administration, University of Tampere, Finland

Corresponding author: Salonen, J.(jarno.salonen@vtt.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Due to the complex nature of insurance, customers often require the assistance of insurance officers when upgrading their insurance cover or managing other insurance related tasks. The current electronic services provided by the insurance companies are more or less product-oriented and therefore difficult to manage, or even understand by ordinary customers. As modern technology enables the development of graphical game-like approach on services and taking more benefit out of mobile device characteristics, it is more likely to persuade the customers to operate in the electronic environment in order to get themselves familiar with insurance related issues. In this article, we are taking the future perspective on the topic by considering what kinds of electronic insurance services could be offered in mobile service environment. More precisely, we discuss how Web-based (already existing) insurance services could be applied in mobile service context, and what kinds of new features (e.g. location information and mobile identification) could be utilized in context of mobile services to enhance the overall service.

Number of references: 19

Page count: 8

Main heading: Insurance

Controlled terms: Electronics industry - Location based services - Sales - Web services - Websites

Uncontrolled terms: Consumer - Device characteristics - Electronic environments - Electronic services - Life insurance - Location information - Mobile service - Modern technologies

Classification code: 716 Telecommunication; Radar, Radio and Television
Telecommunication; Radar, Radio and Television

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

64. Challenges of managing a network business

Accession number: 20130716014131

Authors: Lehtimäki, Hanna (1); Mattila, Malla (2); Pirinen, Heidi (2); Tegelberg, Mari (2)

Author affiliation: (1) Life Works Consulting Ltd., Finland; (2) University of Tampere, Finland

Corresponding author: Lehtimäki, H.(hanna.lehtimaki@lifeworksconsulting.net)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: This study aims at identifying and analysing the key challenges in managing a network business. The starting point of the paper is the alleged need for new kinds of theoretical frameworks which take into account value creation situations businesses face today. Hence, this paper introduces the value co-production framework as an

alternative perspective to the existing approaches built in the industrial era (i.e., value chain thinking). This framework elevates knowledge and relationships in the locus of business and argues for reconfiguration of roles, actions, and interactions among the networked actors. Based on our study on a network-like, two years old joint venture firm, we demonstrate how the value co-production framework functions in practice. Moreover, we suggest that the future management competence lies in company's ability to manage interactions, not individuals or individual companies. Thus, studying different kinds of network approaches in relation to proposed framework would give a deeper understanding of the ways by which networks and relationships drive value co-production.

Number of references: 15

Page count: 5

Main heading: Electronics industry

Uncontrolled terms: Co-production - Joint ventures - Knowledge - Network likes - Relationships - Theoretical framework - Value chains - Value creation

Classification code: 912 Industrial Engineering and Management

Industrial Engineering and Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

65. The impact of individual employee differences on information seeking in today's information rich work environment

Accession number: 20130716014141

Authors: Fiedler, Anne M. (1); Lash, Patricia B. (2); Wong, Roman M. (3); Tiainen, Tarja (4)

Author affiliation: (1) Management Dept., Barry University, United States; (2) Chapman University, United States; (3) Information Systems Dept., Barry University, United States; (4) University of Tampere, Finland

Corresponding author: Fiedler, A.M.(afiedler@mail.barry.edu)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Recent advancements in information and communication technologies (ICT) such as video conferencing, email, instant messaging, and Intranets have dramatically changed the landscape of communication in most organizations. The objective of this study is to gain an understanding of how different types of organizational members seek information. This is necessary ifor the management to provide the right infrastructure and processes to support such information needs. This study adds to the body of literature on information seeking behavior by incorporating gender, and cultural variables as well as the organizational variables of organizational status (salary or wage) and newcomer status. The findings will help management in assessing what ICT should be installed in order to provide the appropriate support to facilitate information and knowledge dissemination and sharing in organizations.

Number of references: 49

Page count: 8

Main heading: Information use

Controlled terms: Electronics industry - Information retrieval - Video conferencing - Wages

Uncontrolled terms: Communication quality - Cultural variables - Information and Communication Technologies - Information seeking - Information seeking behaviors - Knowledge dissemination - Newcomer behaviors - Work environments

Classification code: 716.4 Television Systems and Equipment

Television Systems and Equipment

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

66. Investing in new technology - A case study of a food processing company

Accession number: 20130716014138

Authors: Makkonen, Hannu S. E. (1)

Author affiliation: (1) Department of Marketing, Turku School of Economics, Finland

Corresponding author: Makkonen, H.S.E.(hannu.makkonen@tse.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The increased turbulence, complexity and competitiveness of organizational environments have made identification, evaluation and implementation of new technological investments critical determinants of organizational productivity, competition and survival. This paper examines new technology investment decision-making process on two levels combining traditional innovation adoption and diffusion approaches by network and interaction approach of IMP-Group. Conducting this we aim to cross-fertilize the chosen approaches and produce more comprehensive and integrated understanding to conceptualize investment decision-making processes on new technology. The empirical part of the study investigates an investment process in which a food processing company invested in a new microbiological quality assurance method. The internationalization of food processing industry combined with a growing amount of global raw material sourcing is posing increasing challenges for companies, authorities and governments in terms of guaranteeing the safety of food. Since improved food safety is both time consuming and expensive, food producers find it difficult to cover the resulting costs of testing. These circumstances offer an interesting and fruitful context in which to study investment decision-making process on new technology.

Number of references: 50

Page count: 10

Main heading: Processed foods

Controlled terms: Accident prevention - Concrete pavements - Decision making - Economics - Electronics industry - Food processing - Food safety - Investments - Quality assurance - Safety testing

Uncontrolled terms: Critical determinant - Food processing industry - Food producers - Innovation adoption - Investment decision making - Microbiological quality - Technological innovation - Technology investments

Classification code: 406 Highway Engineering

Highway Engineering

- 412 Concrete

Concrete

- 822.2 Food Processing Operations

Food Processing Operations

- 822.3 Food Products

Food Products

- 912.2 Management

Management

- 913.3 Quality Assurance and Control

Quality Assurance and Control

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

67. An Analysis of M-Commerce services in digital content markets: Six societal environments effecting M-Commerce

Accession number: 20130716014132

Authors: Taipaleenmäki, Merja (1)

Author affiliation: (1) Institute for Extension Studies, University of Tampere, Finland

Corresponding author: Taipaleenmäki, M.(merja.taipaleenmaki@uta.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The research question dealt with 'whether mcommerce services fulfil the expectations both of customers and of service developers and if market demand is being met'. The methodology of the research was qualitative and findings were based on both the content analysis of m-commerce valuechains and open-ended interviews. The six environments of mcommerce worked as a framework for the questions in an open-ended interview. Two m-commerce value-added services, which presented two different types of business models: a closed operator and a customer centric m-commerce model were chosen. Two types of m-commerce services were described and analysed. The sample of interviewees (n=17) consisted of spokespeople for them and a few experts. Research findings were that m-commerce services differ from traditional and e-commerce services in terms of time, context and location, the value-chains of m-commerce are unclear and consumers are not very aware of existing m-commerce services and of the m-commerce services enabled by existing technology.

Number of references: 13

Page count: 6

Main heading: Mobile commerce

Controlled terms: Electronics industry - Telecommunication services

Uncontrolled terms: Digital-content market - E-commerce services - M-commerce - Research questions - Service developers - Society - Value added service - Value chains

Classification code: 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

68. The effects of CRM practices and multiple channels on customer behavioral and attitudinal loyalty in financial services

Accession number: 20130716014146

Authors: Chen, Ja-Shen (1); Ching, Russell K.H. (2)

Author affiliation: (1) College of Management, Yuan-Ze University, Taiwan; (2) College of Business Administration, California State University, Sacramento, United States

Corresponding author: Chen, J.-S.(jchen@saturn.yzu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Rising world affluence and an aging global population have led to expansive growth in the financial services market in recent years. When coupled with advances in information technologies (IT) and the Internet, the demand for services opens global opportunities for financial service firms and consequently will heighten competition. To gain a competitive edge, many firms have turned to customer relationship management (CRM) to seek a greater understanding of their customers' needs and expectations, and better manage their customer care to gain customer loyalty. However, financial services firms entering global electronic marketplaces face a special challenge in building loyalty and trust. In the absence of face-to-face meetings, firms must devise other means or channels to interact and collaborate with their customers. The results of a survey conducted on financial services consumers in Taiwan suggest that CRM practices in loyalty programs and crossselling, customer satisfaction and customization, and multiple channels have positive effects on behavioral and attitudinal loyalty. However, multiple channels has a moderating effect on the relationship between customer service and customization, and behavioral loyalty, and a partial effect on loyalty programs and crossing-selling with attitudinal loyalty.

Number of references: 51

Page count: 10

Main heading: Customer satisfaction

Controlled terms: Competition - Electronic commerce - Electronics industry - Finance - Population statistics - Public relations - Sales - Service industry

Uncontrolled terms: Customer loyalty - Customer relationship management - Electronic marketplaces - Financial service - Financial service firms - Global opportunities - Global population - Multiple channels

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

69. Community of practice and organizational design

Accession number: 20130716014148

Authors: Isckia, Thierry (1); Tounkara, Thierno (1)

Author affiliation: (1) National Institute of Telecommunications, France

Corresponding author: Isckia, T.(thierry.isckia@int-evry.fr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: In this paper, we pointed out how the form and management of an organization shapes its levels of knowledge transfer and learning. We document the lessons from an ongoing knowledge management program within a major French banking company at its early beginnings. Basically, the purpose of this program is to understand how knowledge sharing and learning can be supported in professionally oriented communities to reduce business process and improve organizational performance. Through this business case, we illustrated that promoting management initiatives without taking into account organizational structures is a nonsense. Corporate success in today's economy comes from being able to acquire, codify, and transfer knowledge more effectively within the whole organization. From this point of view, organizational design is about enabling a group of people to combine, coordinate, and control resources and activities in order to produce value i.e. organizational knowledge. Too many knowledge initiatives undertaken today are disconnected from organizational design. As a result, many executives are unsure of how to translate the goal of becoming a "learning organization" into strategic course of action. Thus, creating the appropriate organizational design can enhance the organization ability to create and exploit knowledge.

Number of references: 20

Page count: 9

Main heading: Knowledge management

Controlled terms: Electronics industry - Knowledge representation - Transfer learning

Uncontrolled terms: Community of practice - Knowledge mapping - Learning organizations - Organization ability - Organizational designs - Organizational knowledge - Organizational performance - Organizational structures

Classification code: 723.4 Artificial Intelligence

Artificial Intelligence

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

70. A study of the uptake of information security policies by small and medium sized businesses in wales

Accession number: 20130716014094

Authors: Burns, Anthony (1); Davies, Anthony (1); Davies, Paul Beynon (1)

Author affiliation: (1) eCommerce Innovation Centre, United Kingdom

Corresponding author: Burns, A.(burnsaw@ecommerce.ac.uk)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Over the last few years the risks that threaten Internet connected computer systems and the business critical information stored on them have been widely publicised. To address these threats many companies have implemented security measures, to protect themselves. Current research indicates that use of an information security policy alongside the actual implemented security measures can greatly minimise such threats. However implementation of such a policy can be expensive and not feasible for Small businesses. This paper presents a study of Small businesses in South Wales that use a mixture of Internet connected standalone computers and Local Areas Networks (LANs). It looks at the security measures they have in place and whether or not they have an information security policy. Findings show that most Small Medium sized businesses do not have such a policy document, but many are using components that would normally form part of such policy, within their staff employment manuals. This is a much cheaper and less time consuming way of using the more important and relevant components that usually make up such a policy.

Number of references: 9

Page count: 6

Main heading: Information use

Controlled terms: Electronics industry - Network security - Security systems

Uncontrolled terms: E-mail use - Information security policies - Internet usage - Medium-sized business - Password policies and employment manual and staff manuals - Policy documents - Relevant components - Small and medium sized business

Classification code: 723 Computer Software, Data Handling and Applications

Computer Software, Data Handling and Applications

- 903.3 Information Retrieval and Use

Information Retrieval and Use

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

71. Comparing innovation adoption and organizational buying behavior approaches in a context of technological investment decision- Making

Accession number: 20130716014137

Authors: Makkonen, Hannu S. E. (1)

Author affiliation: (1) Department of Marketing, Turku School of Economics, Finland

Corresponding author: Makkonen, H.S.E.(hannu.makkonen@tse.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The statement by Cyert, Simon and Trow [1, p. 237] that "Decision-Making - choosing one course of action rather than another, finding an appropriate solution to a new problem posed by a changing world - is commonly asserted to be the heart of executive activity in business." holds true still after fifty years although a lot has changed in business from those days. New products are launched more frequently to markets and technological innovations alter structures of competition and disturb equilibrium of markets. These dynamics can pose not only opportunities but also threats for firms, depending upon the timing of adoption. The most innovative companies may gain competitive advantage over competitors by adopting and implementing performance improving technologies. On the other hand, the non-adopters may suffer from the improved performance of the adopters. This paper examines conceptually a process of decision-making on new technology discussing organizational buying behavior approach and innovation adoption approach in regard to general decision-making approach and finally combines these fields in order to conceptualize and understand better the process of decision-making on new technological investment.

Number of references: 77

Page count: 10

Main heading: Decision making

Controlled terms: Commerce - Competition - Electronics industry - Investments

Uncontrolled terms: Buying behavior - Competitive advantage - Course of action - Innovation adoption - Innovative companies - Investment decision making - Technological innovation

Classification code: 911.2 Industrial Economics

Industrial Economics

- 912.2 Management

Management

Compendex references: YES

Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

72. Beyond V2C: Entrepreneur's risks and returns in the era of networked and global business

Accession number: 20130716014103
Authors: Ala-Mutka, Jukka (1); Etemad, Hamid (2)
Author affiliation: (1) Helsinki School of Economics, Finland; (2) McGill University, Canada
Corresponding author: Ala-Mutka, J.(jukka.ala-mutka@hse.fi)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy
Issue date: 2006
Publication year: 2006
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006
Conference date: November 28, 2006 - December 2, 2006
Conference location: Tampere, Finland
Conference code: 95359
Publisher: CEUR-WS
Abstract: V2G model goes beyond V2C model and proposes an entrepreneur's personal view of the risks and returns as compared to that of the firm's risks-return tradeoffs. At the growth stages, the partnership of co-entrepreneurs and VC or IPO also means risk sharing for the original entrepreneur or founder. Larger group of founders and early stage actors allow the entrepreneur to consider him or herself differently, even lower the "risk" of his or her job than the traditional entrepreneurs. V2G model combine the best parts of the roles as an entrepreneur (owner) and hired manager. Thus, in this case, it is not any more only "your" firm, but a rapidly-growing enterprise with the corresponding V2G mindset. This V2G mindset avoids negative effect of a single owner. The separation of the roles of the owner and manager will allow the entrepreneur-founder to adequately cope with them. In sum, V2G model points out three proposals: first, it examines risks and returns from entrepreneur's individual viewpoint; secondly it explores risks and ambitions between individual and enterprise; and finally it describes the importance of the ownership development of the enterprise and development of the value of the enterprise.
Number of references: 26
Page count: 9
Main heading: Electronics industry
Controlled terms: Managers - Risk management - Vehicle-to-grid
Uncontrolled terms: Entrepreneurship - Global business - Governance - Growth stages - Model points - Ownership - Risk-sharing - Venture-to-capital
Classification code: 912.4 Personnel
Personnel
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

73. Methods of defining business information needs

Accession number: 20130716014114
Authors: Vuori, Vilma (1)
Author affiliation: (1) Tampere University of Technology, Finland
Corresponding author: Vuori, V.(vilma.vuori@tut.fi)
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy
Issue date: 2006
Publication year: 2006
Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Business information, which is commonly understood as essential information related to a company's operations, activities and business environment, is an essential resource for managers. Managers make decisions relying on the information they receive from different sources inside and outside their organization. The use of information and communication technology has made information acquisition and dissemination easier, but at the same time it has increased the risk of information overload. Although appropriate information is considered to be one of the premises for achieving a competitive advantage there is a large amount of information which brings no advantage to an organization. The incorrect or inappropriate information may even misinform managers, thereby hindering rather than helping decision making. The defining of business information needs aims to diminish the gathering of needless information as well as to promote the use of appropriate information. When assessing the information needs of managers, the method should be chosen carefully by comparing those available. The method of choice should be the most suitable for the particular task. In the literature, several methods for defining information needs are presented. A group of these methods are discussed in this paper. The methods under discussion include among others interviews, questionnaires, Key Intelligence Topics (KITs) and Critical Success Factors (CSFs). The methods are discussed and evaluated from the point of view of defining business information needs.

Number of references: 44

Page count: 9

Main heading: Information use

Controlled terms: Competition - Competitive intelligence - Decision making - Electronics industry - Managers - Surveys

Uncontrolled terms: Business environments - Competitive advantage - Critical success factor - Information acquisitions - Information and Communication Technologies - Information needs - Information overloads - Methods

Classification code: 903.3 Information Retrieval and Use

Information Retrieval and Use

- 911.2 Industrial Economics

Industrial Economics

- 912.2 Management

Management

- 912.4 Personnel

Personnel

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

74. Risks in ERP project - Case study of IS/ICT management capability maturity level and risk assessment

Accession number: 20130716014129

Authors: Ojala, Mika (1); Vilpola, Inka (2); Kouri, Ilkka (1)

Author affiliation: (1) Institute of Industrial Management, Tampere University of Technology, Finland; (2) Institute of Human-Centered Technology, Tampere University of Technology, Finland

Corresponding author: Ojala, M.(mika.ojala@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Enterprise resource planning (ERP) projects are considered to be expensive, time-consuming, difficult to manage, and extremely risky. ERP projects are risky from the strategic, operational, technical and organisational perspectives. The risks and critical success factors of ERP projects have been widely studied, and the management of risks is crucial to a successful ERP project. Generic risk analyses have faced inflation, and in the worst case companies do not manage risks in their ERP projects at all. This paper presents the early stage assessment of ERP project risks in three firms' ERP projects. The focus is on company-specific risk identification. Companies of this study have limited maturity in IS/ICT management capabilities. Understanding of capability maturity level is useful to efficient risk management in an ERP project. In this paper we compare the company-specific risks to common risk list found in the literature. Qualitative case study of three firms provides empirical evidence of uncovered ERP risks if only common risk list is used. As a result we claim that in addition to generic project management risks there is also a need to assess company-specific-risks. In fact, company-specific risks are usually critical to company's ERP project success.

Number of references: 12

Page count: 8

Main heading: Enterprise resource planning

Controlled terms: Electronics industry - Project management - Risk analysis - Risk assessment - Risk management - Risks - Software engineering

Uncontrolled terms: Capability maturity models - Critical success factor - Enterprise resource planning (ERP) - ERP projects - Management capabilities - Maturity levels - Qualitative case studies - Risk Identification

Classification code: 723.1 Computer Programming

Computer Programming

- 723.2 Data Processing and Image Processing

Data Processing and Image Processing

- 912.2 Management

Management

- 914.1 Accidents and Accident Prevention

Accidents and Accident Prevention

- 922 Statistical Methods

Statistical Methods

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

75. Knowledge sharing and building in succession of a firm

Accession number: 20130716014130

Authors: Virta, Maarit (1); Pöyhönen, Aino (1)

Author affiliation: (1) Department of Business Administration, Lappeenranta University of Technology, Finland

Corresponding author: Virta, M.(maarit.virta@kotiposti.net)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Successful knowledge-based organizations have been portrayed as balancing on the edge of time: they are able to connect experience and lessons learned in the past with current activities and with a view to the future.

Succession presents many challenges to this continuity of organizational knowledge. Traditionally, succession has been associated with transferring the existing knowledge from senior workers to newcomers. The paper examines succession as a knowledgebased process consisting both of transferring seniors' expertise to juniors, as well as using juniors' competencies for building knowledge that is new for a firm, i.e. succession is seen as a context where both continuity and renewal are produced. To examine succession from a knowledge-based view, we have implemented an empirical study on succession of a Finnish expert company. The objective of the research is to describe and understand how knowledge is used and modified in the context of succession. The theoretical and methodological basis of the study lies on sense-making. The preliminary results prove that in the studied firm, social interaction related with the succession leads not only to transferring the existing knowledge of the senior workers to the newcomers. In addition, new knowledge can be applied and created in the context of master-novice interaction. The newcomers bring in new ideas, standpoints and knowledge that are valuable to the firm, as well as apply and change the existing organizational knowledge. Thereby succession is not only a process of producing continuity of organizational knowledge, but also of renewing it.

Number of references: 19

Page count: 6

Main heading: Knowledge management

Controlled terms: Electronics industry - Knowledge based systems

Uncontrolled terms: Knowledge - Knowledge-based organization - Knowledge-based process - Knowledge-based views - Organizational knowledge - Organizational renewal - Sensemaking - Succession

Classification code: 723.4.1 Expert Systems

Expert Systems

- 723.5 Computer Applications

Computer Applications

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

76. Literature review: The paradox of social network ties in creating knowledge

Accession number: 20130716014092

Authors: Cengiz, Aytül Ayse (1)

Author affiliation: (1) Anadolu University, Turkey

Corresponding author: Cengiz, A.A.(aacengiz@anadolu.edu.tr)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Knowledge creation, as a salient concept in recent literature on business and strategic management, has been examined as one of the most valuable capabilities of firms. As the increasing impact of globalization and high competition challenge the firms to manage knowledge efficiently, social network ties among firms come to agenda. Network ties are beneficial in knowledge creation process since knowledge creation is a social process, in need of coordination and cooperation with partners who possess the knowledge the firm requires. Combination and exchange of knowledge is realized in social networks. The central argument in that context is which ties are more beneficial: Should firms forge strong or weak ties in their inter-organizational relations to strengthen their knowledge creation capability is the question that tried to be examined in this paper. According to weak-tie theory, distant and infrequent ties are proper since they provide novel and diverse information from disconnected actors. However, strong-tie theory provides that frequent and long-lasting relationships are more conducive to support knowledge creation since they include trust, reciprocity and willingness to share the resources. The aim of this conceptual paper is to examine the extant literature concerning social networks and knowledge creation to develop a tentative model which presents the conditions affect the decision of utilizing strong or weak ties. Different benefits are embedded in these ties, but the

point is to get understand under which conditions a strong or a weak tie generate a better return in knowledge creation process.

Number of references: 100

Page count: 10

Main heading: Knowledge management

Controlled terms: Competition - Electronics industry

Uncontrolled terms: Inter-organizational - Knowledge creations - Literature reviews - Social capitals - Strategic management - Strong ties - Weak ties - Willingness to share

Classification code: 723.5 Computer Applications

Computer Applications

- 911.2 Industrial Economics

Industrial Economics

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

77. Understanding E-procurement: Qualitative case studies

Accession number: 20130716014119

Authors: Parida, Vinit (1); Sophonthummapharn, Kittipong (2); Parida, Upasana (1)

Author affiliation: (1) Luleå University of Technology, Sweden; (2) Umeå University, Sweden

Corresponding author: Parida, V.(vinit.parida@ltu.se)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: E-procurement is constantly receiving attention from industries, business and government agencies. Analysts believe that utilization of e-procurement can lead to enormous cost saving and efficiency in procurement process. E-procurement also enlarges customer base, broadens the search for raw materials to lower its production cost. Though, it has benefited the global business tremendously, its expected growth rate has been moving downwards. While E-procurement can be used for the purchase of indirect or direct materials, the risks associated with the e-procurement has been holding the companies from adopting it. The purpose of this paper is to understand the e-procurement process by focusing on benefits, risks, practices and strategies of e-procurement and its emerging usages in the current business to business (B2B) environment. A qualitative method was used for the case studies in which two companies each from India and Sweden were studied and analysed. The results showed that cost benefit was the main driver for companies to implement e-procurement. Other benefits included were transparency and visibility across process, better internal and external relations and streamlined buying process. The problems of implementation and integration of existing infrastructure and security and control risks were holding back companies from wide usage of e-procurement. But most of all, lack of managerial commitment hinders the adoption process. Company's needs were the deciding factor for the kind of approach they will follow regarding the adoption of e-procurement and emergence of a new approach. This paper compares the works of different authors in the field of e-procurement and its implications for the B2B.

Number of references: 27

Page count: 10

Main heading: Costs

Controlled terms: Cost benefit analysis - Electronic commerce - Electronics industry - Growth rate - Purchasing

Uncontrolled terms: Adoption process - Business to business - e-Procurement - Government agencies -

Procurement process - Production cost - Qualitative case studies - Qualitative method

Classification code: 723.5 Computer Applications

Computer Applications

- 911 Cost and Value Engineering; Industrial Economics
Cost and Value Engineering; Industrial Economics
Compendex references: YES
Database: Compendex
Compilation and indexing terms, Copyright 2021 Elsevier Inc.
Data Provider: Engineering Village

78. Ownership management in presence of fuelling business growth by investing knowledge and experience

Accession number: 20130716014110
Authors: Kamaja, Pekka (1)
Author affiliation: (1) Tampere University of Technology, Finland
Corresponding author: Kamaja, P.
Source title: Proceedings of the International Conference on Electronic Business (ICEB)
Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)
Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy
Issue date: 2006
Publication year: 2006
Language: English
ISSN: 16830040
Document type: Conference article (CA)
Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006
Conference date: November 28, 2006 - December 2, 2006
Conference location: Tampere, Finland
Conference code: 95359
Publisher: CEUR-WS

Abstract: the venture growth process, ranging from the research and innovation stage to the established firm. First, it addresses the typologies of knowledge and expertise and the means of knowledge based value adding in diverse stages of the new business growth. The complexity of contributing business growth, both with structured intellectual assets, such as the patents, and especially with unstructured knowledge and expertise as assets, has been the source of the research questions of this study; it is understood that a proper guidance model is required to enhance the growth process. Thus, the elements for managing and governing the interests of the stakeholders derived from the venture-to-capital theory have been adopted in this paper as a starting point for creating a more robust view of managing knowledge and expertise in the venture growth process. Finally, the aim of this study is to conceptualise the ownership management of emerging business from the research stage to viable business start-up firm, and to go even beyond this by evaluating the feasibility of the model considering SMEs' growth strategies. The search for a new model actually involves exploring change management that is outlined by risk taking and rewarding mechanism, social issues, and the investment of both capital and immaterial intellectual properties where the key resources are the founder team, the other key persons, and investors. Further, this model is characterized by four determinants, and it denotes the dynamism of the entire model.

Number of references: 39

Page count: 12

Main heading: Electronics industry

Controlled terms: Economics - Human resource management - Investments - Knowledge based systems - Knowledge management - Patents and inventions - Risk management

Uncontrolled terms: Entrepreneurship - Innovation management - Knowledge investing - Venture Capital - Venture-to-capital

Classification code: 723.4.1 Expert Systems

Expert Systems

- 723.5 Computer Applications

Computer Applications

- 912.2 Management

Management

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

79. The sustainable management of the service center for high tech industry in Asia - A case study of Mio-TECH

Accession number: 20130716014107

Authors: Tsai, Min-Jen (1)

Author affiliation: (1) Institute of Information Management, National Chiao Tung University, Taiwan

Corresponding author: Tsai, M.-J.(mjtsai@cc.nctu.edu.tw)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: In the past, enterprise needs to invest a great deal of tangible assets such as: lands, labors, facilities and factories in order to reach certain scale of economics and acquire the competitive advantages. However, in this information rich era, enterprise's direction of strategic thinking has shifted from the production orientated model to the customer orientated approach, and it needs to provide differential services to avoid the cutthroat price competition. Owing to the demand of customers for immediate and reliable consulting service, the establishment of call center becomes the communicative bridge between enterprise and customer; to date, call center even became an important link in the market competition. Building an excellent call center is the essential move to implement the customer relationship management, and providing meticulous concern for customers is the key to improve customer loyalty. In this study, Mio Technology Limited (Mio-TECH), a manufacture of portable electronic navigation devices, is taken as an example of case firm to explore the organizational system and management of its call center since the enterprise has evolved its service models based on the product features to enhance the business planning. To view from the management aspect, the current call center has emphasized the integration of resources and professional division of work. Therefore, the call center utilizes the applications of communication and computer technologies to automatically handle the great quantity of works; and implement the competitive human resource in China region to cooperate with Mio-Tech's headquartered in Taiwan to build good customer relationship for worldwide users. This paper analyzes how Mio-Tech's call center improve the customer service in terms of strategy, technology, manpower and procedures and has found that the technical enhancement, the customer's expectation and the corporate strategy have been significantly communicated and leveraged into a sound customer relationship management system.

Number of references: 21

Page count: 10

Main heading: Competition

Controlled terms: Electronics industry - Information services - Outsourcing - Planning - Public relations - Sales - Service industry

Uncontrolled terms: Call centers - Customer relationship management - Customer relationship management systems - Customer relationships - Customer's expectation - Organizational system - Sustainable management - Technical enhancements

Classification code: 903.4 Information Services

Information Services

- 911.2 Industrial Economics

Industrial Economics

- 912.2 Management

Management

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

80. V2C-apparatus - A shared context for Professionals

Accession number: 20130716014087

Authors: Okkonen, Jussi (1)

Author affiliation: (1) Institute of Business Information Management, Tampere University of Technology, Finland

Corresponding author: Okkonen, J.(jussi.okkonen@tut.fi)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: The role of venture capital finance is significant when ideas, or ventures, are developed to new companies. To make ventures and venture capital meet there is also niche for venture-to-capital (V2C) operative. The network of mutual and organisational relationships consisting of (i) entrepreneurs or venturers, (ii) V2C operatives or venture knowledgists, and (iii) venture capital operatives or venture capitalists form an activity system based on social capital and mutual trust. These three groups are the key stakeholders of the growth company process. Ventures, venturers and knowledgist form a community of practice that is based on notion of mutual benefit from working together. It could be stated that venturer holds expertise on practice, venture capitalist on finance, and V2C operative holds expertise on relationships. In the context of the growth company process, social capital should be taken in account as the sum of mutual acquaintance and recognition or network of social exchanges between operatives or the actors engaging in transactions. Moreover the three dimensions of social capital affecting any actor in that process are (i) structural, i.e. presence or absence of interaction, (ii) dimensional, i.e. mutual trust and trustworthiness, and (iii) cognitive, i.e. shared understanding of common goals and proper ways to act. At least partial role of V2C is to enable learning, i.e. transfer of explicit and tacit knowledge. The activity theory approach emphasises such process based on interaction. Moreover, most operatives in V2C are professionals in their fields, thus there is presupposed leverage effect if the activity system is functional. The aim of the paper is to elaborate theory of V2C by examining knowledge and expertise in V2C context and by approaching V2C-apparatus as a knowledge transferring community of practice. The empirical part of the paper consists of interviews and participant observation of different operatives or actors in V2Cprocess in Finland and Russia. Along the conceptual analysis, the research problem set is approached by describing the knowledge transferring processes, analysing different types of knowledge transferred in the process, and finally analysing the system as a professional community of practice or an activity system.

Number of references: 19

Page count: 6

Main heading: Investments

Controlled terms: Activity coefficients - Economic and social effects - Electronics industry - Information management

Uncontrolled terms: Activity Theory - Community of practice - Explicit and tacit knowledge - Human capitals - Participant observations - Professional community of practice - Venture Capital - Venture capital finance

Classification code: 801.4 Physical Chemistry

Physical Chemistry

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village

81. Empirical evaluation of ICT adoption in Australian SMEs: Systemic approach

Accession number: 20130716014104

Authors: Skoko, Hazbo (1); Buerki, Leo (2); Ceric, Arnela (1)

Author affiliation: (1) Charles Sturt University, Bathurst, Australia; (2) University of Applied Science, Berne, Switzerland

Corresponding author: Skoko, H.(hskoko@csu.edu.au)

Source title: Proceedings of the International Conference on Electronic Business (ICEB)

Abbreviated source title: Proc. Int. Conf. Electron. Bus. (ICEB)

Issue title: ICEB + eBRF 2006 - Global Conference on Emergent Business Phenomena in the Digital Economy

Issue date: 2006

Publication year: 2006

Language: English

ISSN: 16830040

Document type: Conference article (CA)

Conference name: Joint 6th International Conference on Electronic Business and Research Forum to Understand Business in Knowledge Society, ICEB + eBRF 2006

Conference date: November 28, 2006 - December 2, 2006

Conference location: Tampere, Finland

Conference code: 95359

Publisher: CEUR-WS

Abstract: Many SMEs are adopting information and communication technology (ICT) and services based on them. However, there is little systematic research into how they are doing this and what the organisational and environmental factors associated with the adoption are. That is, hardly there is any study in the literature which is looking at the overall firm's performance and if, once adopted, ICT fulfil expectations of their adopters. The growing importance of SMEs and ICT in contemporary economics and IS and management theory have been a subject of large static research. In this paper we have adopted a dynamic approach to evaluate adopted ICT in a firm as a complex adapting system (CAS). Thus, here an organisation is studied as complex social system, because complexity provides an explanatory framework of how organisations behave; as well as how individuals and organisations interact, relate and evolve within a larger social and environmental system. Complexity also explains why ICT adoption may have un-anticipated consequences on firm's performance and inter-relationships of elements within a complex system which give rise to multiple chains of dependencies. In this article authors evaluate factors for ICT adoption in Australian SMEs in the post-adoption period. The methodology in this article was based on interpretative action research based on "soft systems thinking", because the setting up an information technology system is itself a social act, requiring some kind of concentrated action by many people. However, the formal method is the case study method which answers the question how these factors are interacting in the particular firm. After the introduction, a general framework, based on recent literature review, was used to identify necessary factors for the ICT adoption. Those factors are then evaluated in an Australian company (case study) using systemic (five stage) approach and its tools. Preliminary results of this study confirmed that entrepreneurial ICT adoption initiative is not only subjected to selection as a result of environmental pressures but also is strongly subjected to the sub-systems influences and inter-dependencies. Thus from the complex and adaptive systems perspective we may infer that necessary factors are not all (and always) sufficient factors for the full utilisation of ICT and achievement of firm's goals.

Number of references: 18

Page count: 8

Main heading: Adaptive systems

Controlled terms: Economics - Electronics industry - Formal methods - Large scale systems

Uncontrolled terms: Complex social systems - Environmental pressures - Ict adoptions - Information and Communication Technologies - Information technology systems - SMEs - Social and environmental - Systemics

Classification code: 723.1 Computer Programming

Computer Programming

- 961 Systems Science

Systems Science

- 971 Social Sciences

Social Sciences

Compendex references: YES

Database: Compendex

Compilation and indexing terms, Copyright 2021 Elsevier Inc.

Data Provider: Engineering Village