Sustainability of Telecommunication Industry- Suggestion of ways to cope with p2p service.

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Abstract

As peer to peer technology emerged, it applied firstly in file transfer within the Internet world, and then penetrated into music CD and video DVD industry, seriously harm these two industries, at least 30 billions Us dollars vaporized, and unfortunately none of player in this game caught any benefit, only infringing of intelligence property happened pervasively. Now it began to try to erode the traditional telecommunication industry (Such as VoIP and Skype), how can these Telecoms. do.

Proliferation of P2P file sharing abuse is threatening the ability of broadband service providers to deliver new IP-based services, and the willingness of them to construct broadband infrastructure, the more they build, the more band width be abused. If an industry be viewed as an open system, it has to acquire negative entropy by importing more energy from the environment then expended for surviving. It means that some new regulations should be set up, or some new technical solutions should be found, to govern all members within the IP world, let them happily do their own job.