

Infospectrum India

www.info-spectrum.com

Year of Incorporation: 2000

Category of Innovation: New Technology Advancement



Company overview: Advanced technology, software engineering, technical products and related consulting services provider to customers in the complex manufacturing, aviation, aerospace and defence, maritime logistics, complex asset management, telecommunications, and geographical information system industries as well as the independent software vendors (ISVs) that serve them.

Innovation: Infospectrum has released a set of products in the area of 3GPP, based on a telecom standard called IMS (IP Multimedia Subsystem) in March 2008. IMS provides for true convergence of telephony (voice), data and video services using the Internet Protocol. These services are being offered today under the banner of “interoperability,” which requires expensive infrastructure investments and managing various interoperability contracts supported by dedicated hardware and software.

The entire suite of products include the IMS Core, IM & Presence Service, IPTV Service, SON (Self Organising Network), Charging (for billing to end users), Network Attachment Subsystem, Resource and Admission Control Subsystem and the PSTN Emulation System.

Impact of Innovation

Internal: In its first practical implementation, Infospectrum's IMS products have successfully demonstrated the company's capability to provide wireless telephony coverage in traditional “dark spots” like subway tunnels and downtown parking lots. The innovation has opened up an entirely new revenue stream for Infospectrum.

External: Infospectrum's IMS products will allow wireless and IPTV operators to extend their capabilities rapidly. Infospectrum's IMS products have relevance beyond telephony as well. In the TV and Entertainment industry, the Infospectrum IMS Client embedded in a set-top box can provide for contextual TV commercials akin to a google search or allow for functionality like “TV programs on-the-go” by switching the IPTV programme (e.g. a soccer, football, basketball or cricket game) from a TV to a mobile phone.