IP MULTIMEDIA SUBSYSTEM (IMS)

IMS is a key element for operators in moving towards an all IP based converged service platform. This all-IP architecture makes it possible to deliver new multimedia services including voice, video calls, messaging, video and image sharing to fixed and mobile devices regardless of access. IMS supports the cultural trend of sharing everyday experiences – anywhere, anytime and on any device. IMS based communication services combine the Telco grade characteristics of interoperability, high-quality reliability and flexibility.

Ericsson IMS is designed according to existing IMS standards, such as 3GPP, OMA and TISPAN, to ensure interoperability between operators, network types, application servers, and devices.

Ericsson is the industry leader in IMS with an end-to-end solution with a common system including IMS core, enablers and key applications servers that allows operators to move smoothly towards a full IP multimedia environment delivering a variety of services.

With close to 50 IMS systems in commercial service we have the necessary experience, skills and track-record to plan, deploy and support service providers in approaching an IMS environment including professional services, especially systems integration and solution management. Our end-to-end solution is proven to work in all types of networks, mobile, public hot-spots or fixed broadband. It supports convergence with the same service delivered to both fixed and mobile devices.

Our vast experience and knowledge enables us to provide an IMS environment where communication services can be created with shorter lead-times and in a more economic manner. Operators can create new and distinguished services in addition to traditional services.

From a network perspective, IMS is a standardized, intelligent architecture, based on industry standard interfaces and IT-protocols (e.g. SIP). The main functionality is to control and deliver multimedia services. It is separated into three layers - an application layer, a control layer and a connectivity layer, for both fixed and mobile operators. Each layer can evolve independently as market and technology develop. IMS is a cornerstone for providing converged multimedia services across multiple accesses.
Ericsson is the world’s leading provider of technology and services to telecom operators. Ericsson is the leader in 2G, 3G and 4G mobile technologies, and provides support for networks with over 2 billion subscribers and has the leading position in managed services. The company’s portfolio comprises mobile and fixed network infrastructure, telecom services, software, broadband and multimedia solutions for operators, enterprises and the media industry. The Sony Ericsson and ST-Ericsson joint ventures provide consumers with feature-rich personal mobile devices.

Ericsson is advancing its vision of being the “prime driver in an all-communicating world” through innovation, technology, and sustainable business solutions. Working in 175 countries, more than 90,000 employees generated revenue of SEK 203.3 billion (USD 28.2 billion) in 2010. Founded in 1876 with the headquarters in Stockholm, Sweden, Ericsson is listed on NASDAQ OMX, Stockholm and NASDAQ New York.

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