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Voice Mail IP Multimedia Subsystem

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ABSTRACT

Voice Mail was introduced in the late 1970s. VMX was the first voice mail provider service. The system recorded and managed messages using the digital technology available during the late 1970s and 1980s. Some companies still use their VMX systems. Voice mails are essentially digital recordings of outgoing and incoming voice messages that are managed either by an on-site or off-site system. It makes phone system more powerful and flexible. Many voice mail systems today come with an "operator." The difference is these operators aren't human, they're auto-attendants. Auto attendants guide users, both those from the inside and the outside, through the many options a voice-mail system has to offer. It instructs users how to enter commands through the phone's keypads, such as how to retrieve a message. IMS is an open, international standard for Next Generation networking that supports the delivery of Voice over IP (VoIP) and a range of fixed mobile convergence and multimedia services. It is not in itself a service but architecture for service delivery. IMS was originally developed by wireless carriers within the context of the Third Generation Partnership Project (3GPP) and was first defined in 2002. It provides for person-to-person and person-to-content communication in a variety of modes. The IP Multimedia Subsystem framework as an architectural framework to deliver multimedia services is under rapid development, to become the next generation telecommunication service framework.

Keywords— Voicemail, IMS, 3GPP, CSCF, PTT