Signalling System 7 SS7

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Signalling System 7 SS7 or Signalling System Number 7 is simply another set of protocols that describe a means of communication between telephone switches in public telephone. What is Signalling System 7 SS7? - Definition from Whatis.com

Signalling System Number 7 SS7 is an international standard network signaling protocol that allows common channel independent signaling in support of any application layer service. It includes functions performed by a signaling system network and a protocol to enable network elements in a public switched telephone network PSTN. The MTP is the basic means of packet transport. Most of the world's public switched telecommunication networks use an adaptation layer on top of the MTP to support the particular signaling applications used in that network. The basic signaling applications supported include ISUP and SCCP.

The MTP is SS7’s native means of packet transport. In recent years there has been an interest in the facility to transport SS7 signaling over IP instead of the T1 circuit switched network. This memo defines a protocol for supporting the transport of any SS7 MTP3-User signalling e.g., ISUP and SCCP messages over IP using the services of the IP network. The purpose of this chapter is to introduce Signalling System Number 7 SS7 and give the reader an indication of how it affects the lives of mobile phone users to eavesdropping performance analysis of signaling system 7ss7 network and. This memo defines a protocol for the backhauling of Signalling System 7 Message Transfer Part 2 SS7 MTP2 User signalling messages over IP. 