Overview of the DPNSS Gateway

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Current through Release 1.1(2)

A DPNSS gateway consists of a voice-enabled router which serves as a gateway point between the TDM- and IP-based PBX networks. This media gateway is physically connected through one or more of its E1 or T1 interfaces to one of the legacy DPNSS PBXes.

The media gateway terminates layers 1 and 2 of DPNSS, and backhauls or transports the call control to Cisco EGW using DPNSS User Adaptation (DUA) and Stream Control Transport Protocol (SCTP). Cisco EGW uses Media Gateway Control Protocol (MGCP) to control the media gateway in terms of codec selection and packetization. The gateway converts DPNSS bearer data into a Realtime Transport Protocol (RTP) stream, and these IP packets are sent to the appropriate destination (Cisco CallManager IP phone, Cisco Unity, or another DPNSS media gateway).

Supported DPNSS Gateways

The supported DPNSS Gateways required for any application using the Cisco CallManager are shown in the Cisco EGW 2200 Compatibility Matrix: Hardware and Software Required for Components and Applications at:

http://www.cisco.com/iamegw/planning/planning_components.htm

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