



g3 telecommunications

Avaya G650 Media Gateway

Designed as the complementary gateway for S8500/S8700-based media server solutions, the G650 offer the features, scalability, and system uptime that enterprises require for mission-critical telephony applications.

The Avaya G650 Media Gateway is a high capacity 14-slot carrier designed to house a wide range of Avaya circuit packs. It is a single 8U high, 14-slot "TN"-based media gateway that can be installed in industry standard EIA-310 19", 24", or 600 mm ETSI open or closed racks.

AVAYA



The G650 can accommodate a range of analogue, digital, ISDN, and IP (over the LAN) phone station configurations, with voice transport options over IP, analogue, TDM, or ATM. Dual redundant, load-sharing power supplies with AC/DC inputs provide enhanced system reliability. For scalability, up to five G650 Media Gateways can be stacked together using a TDM/LAN cable and a built-in connector in the back of the chassis to form a high-capacity port network.

For call control, the G650 Media Gateway connects to an external S8500 or S8700 Media Server over an IP link using the TN2312BP IP Server Interface (IPSI). For mission-critical applications, G650 port networks can be configured for IPSI duplication, which provides fault-tolerant duplicated control paths to the media server. This feature introduces a high-availability option for enterprises with existing mission-critical voice systems that want to migrate to an IP transport solution without compromising system reliability and availability.

The G650 is the standard migration gateway for existing Avaya TN-style carriers, and can be configured to support Avaya Direct Connect, Multi-Connect, and IP Connect configurations, allowing it to be integrated into many existing networks.

Features:

Configuration Options - Support for Avaya Direct Connect, Multi-Connect, and IP Connect configurations

Capacity - High capacity 14-slot chassis

Extra Redundancy - Dual redundant, load-sharing power supplies with AC/DC

New TN2312BP IP Server Interface - This integrates Emergency Transfer, environmental maintenance, and duplicated call control features into the gateway.

g3 Product Data Sheet