



GENBAND G9 IP Gateway Provides New Features for Wireless and Wireline Network Convergence

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GENBAND has announced that its G9 Converged Gateway has been enhanced to enable network convergence and feature transparency across multiple network types. A host of innovative features and functions have recently been added to the G9 platform that enable it to provide trunking and access connectivity between for both wireless and wireline networks.

Today's service providers often have a diverse mix of wireless and wireline core and access voice networks based in both IP and TDM technologies. Connecting these networks together is increasingly a challenge, as each network has different interface requirements as well as different gateway controller platforms — increasing costs and making eventual convergence difficult.

“We understand the challenges that service providers face in connecting disparate networks,” said Mehmet Balos, Chief Marketing Officer at GENBAND. “Today the G9 is a leading media processing platform for service providers across the globe and, as a testament to its versatility, it has been designated as media gateway of choice for major equipment suppliers for wireless, wireline and converged networks. Our new innovations to the G9 further enhance its versatility for wireless and wireline core and access networks, helping to interconnect networks in a cost effective way, and enable true network convergence.”

Some of the new features include: fixed trunking connectivity support for IMS/3GPP Mc and Mn interfaces; mobile support including binary H.248, NNSF, A and Iu interfaces over IP, and TrFO/TFO; new access interfaces including support for the VANC media gateway interfaces in Voice over LTE/Generic Access networks; and core network support including 3GPP Nb trunking interfaces and Virtual Media Gateway support that enables control of a single G9 from multiple call controllers.

“The rapid increase in mobile data traffic and the need for ubiquitous communications across wireline and wireless networks are placing significant demands on existing network infrastructure,” said Akshay Sharma, Research Director, Gartner. “There is a real window of opportunity for network equipment suppliers to meet these market needs with tailored solutions for converged networks. Gateways are increasingly facilitating this convergence across multiple platforms with the addition of strategic access and core connectivity.”

Highly scalable to 96,000 ports per chassis and using field-hardened software with proven five 9's (99.999%) reliability and over 50 million ports deployed worldwide, the GENBAND

G9 is the latest generation of IP gateways that operates seamlessly across wireless and wireline core and access voice networks. With the G9, service providers can converge their disparate networks together using a single, cohesive next generation media processing platform.

Open interfaces in the G9 allow it to interoperate with leading wireless and wireline softswitches, access network controllers, and IMS cores, enabling diverse applications such as Femtocells, Distributed MSC Gateway, and IP Transcoding. When coupled with GENBAND's C3 Gateway Controller, the G9 creates a "Class-Free" switching environment, providing International VoIP, Class 4 Tandem, and Class 5 Local Exchange consumer and business voice services with a simple, open architecture of softswitch nodes, media gateways and standard interfaces.