

4G MESSAGING GATEWAY

Launch Next-Generation Messaging Today

Deliver exciting new 4G messaging services for IP-enabled devices now.

As the new-generation wireless messaging leader, Interop Technologies is ready to support your converged messaging services. Our 4G Messaging Gateway delivers seamless continuity between today's messaging solutions and technologies proposed for all-IP networks. You can offer the same services to IP Multimedia Subsystem (IMS) subscribers that you offer to current subscribers.

➤ BUILT FOR TODAY BUT DESIGNED FOR TOMORROW—IT'S "ALL-GEN"

Want to offer advanced messaging services for IP-enabled devices, but not ready to replace your legacy messaging systems? Concerned about utilization of your existing SMS and MMS infrastructure?

Interop Technologies has the solution. Our standards-based 4G Messaging Gateway bridges legacy and next-generation messaging protocols, offering seamless messaging continuity across "all-gen" networks. Even in an increasingly IP-based world, customers' IP devices still must communicate with non-IP handsets across disparate legacy networks.

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Our 4G Messaging Gateway enables you to keep all current message delivery, retry, and resend functions on your existing SMS, MMS, and IM platforms. The gateway integrates with them to deliver ubiquitous messaging. By "futurizing" your current platforms, you can leverage investments you make today as you move toward IP-based technology.

➤ SUPPORT ALL MESSAGING FORMATS AND GENERATIONS

The Interop Technologies 4G Messaging Gateway supports both legacy messaging technologies (SMS, MMS, etc.) and the next generation of IP-based messaging protocols (SIP/IMS, VoLGA, IM, SIMPLE, and more). The 4G Messaging Gateway futurizes your network, enabling interoperability and tying together generations of mobile technologies.

Our standards-based 4G Messaging Gateway supports message delivery a number of ways:

- SMSC via SS7/C7 or SMPP
- IM via SIP, SIMPLE, XMPP
- MMSC via MM7, MM4, or MM1
- IMS via SIP as specified by 3GPP/3GPP2

CHOOSE FROM FOUR DEPLOYMENT OPTIONS

Interop Technologies offers four flexible deployment options:

Hosted—Share technology in a service bureau environment.

Modified Hosted—Deploy our solution at your site without capital expense; we manage it for you.

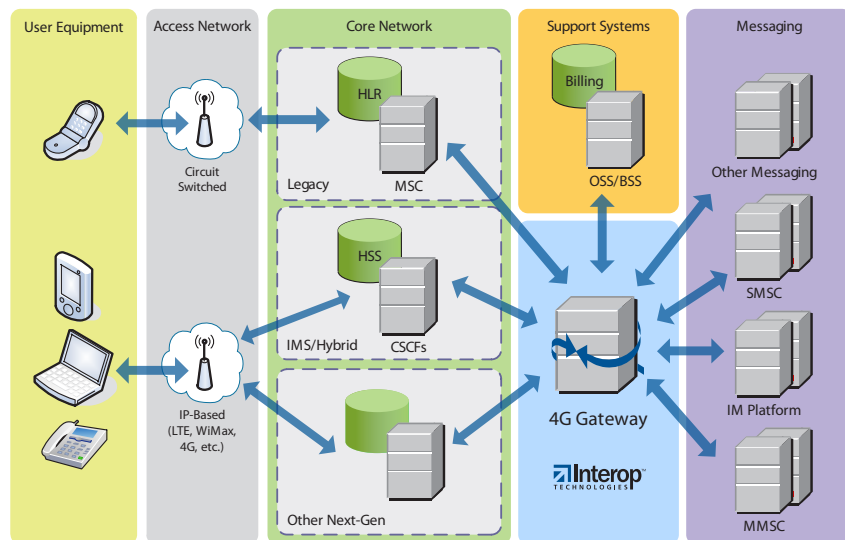
Turnkey—Purchase our solution outright for on-site deployment.

Turnkey with Managed Services—Purchase our solution outright; we handle operations and management.

All four options include our world-class technology, and our architecture enables easy migration from hosted to turnkey if and when your business requires a different strategy.

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deploy

To verify IMS subscribers and location information on your network, the solution integrates with the Home Location Register (HLR) in today's networks and with the Home Subscriber Service (HSS) in all-IP networks. The 4G Messaging Gateway can also receive IMS registrations directly from the network.



➤ EXPERIENCE FAST, FLEXIBLE TECHNOLOGY THAT SAVES DOLLARS

Interop's "future-proof" architecture—which achieves massive throughput—coupled with the capability to control load and prioritize traffic distribution means that application-originated traffic does not have to lower the quality of service for person-to-person messaging and other services.

Our 4G Messaging Gateway also features a flexible rules-based routing engine, providing the ability to support unique configurations and routing requirements, including:

- Source or destination address
- Source or destination IMSI/MIN
- Source gateway or route from which the message was initially received

With the Interop Technologies 4G Messaging Gateway, you have the visibility you need for operations and network planning, as well as business intelligence. Our Advanced Reporting Suite provides traffic analytics, multi-day traffic and delivery outcomes trend graphs, and detailed delivery outcomes reports.

To simplify billing, our single-feed can integrate with your current postpaid and prepaid billing platform using third-party or standards-based charging interfaces, such as Diameter, for online and offline billing functions.

The Interop Technologies 4G Messaging Gateway provides "five-nines" (99.999 percent) reliability, providing you with extra assurance.

KEY BENEFITS

"All-Gen" forward and backward compatibility to "futuize" legacy investments

Ability to launch exciting new messaging services quickly and efficiently

Continuity of message delivery across all next-generation and legacy messaging protocols

Reduced network congestion and complexity

Improved support for customer devices

Real-time performance and system statistics

Web-based configuration, troubleshooting, and reporting toolsets

Active/Active or Active/Passive configurations

SNMP monitoring and alarms

Flexibility to migrate to managed or turnkey deployment as level of SIP-enabled handsets increases

Technical excellence in GSM, CDMA, iDEN, WCDMA, and mixed environments

Support for ATM, HSL, SIGTRAN, SS7, and C7 over IP

Simplified billing through one unified feed