

IP MESSAGING GATEWAY

Launch Next-Generation Messaging Today

Deliver exciting new IP messaging services for IP-enabled devices now. As the next-generation wireless messaging leader, Interop Technologies is ready to support your converged messaging services.

Our IP 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? Looking for a way to lower your messaging costs?

With the experience of real-world deployments, Interop Technologies is uniquely positioned as the thought leader in IP messaging. In our trials and commercial deployments of SMS over IP via 3GPP, 3GPP2, and SIMPLE standards, we have gained valuable experience to share with operators that are planning their IP messaging strategies and analyzing the challenges ahead.

Our standards-based IP Messaging Gateway bridges legacy and next-generation messaging protocols, offering seamless messaging continuity across multiple networks and technologies. Even in an increasingly IP-based world, subscribers' IP devices still must communicate with non-IP handsets across disparate legacy networks.

the ubiquity quotient

Our IP 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 "faturizing" your current platforms, you can leverage existing investments as you move toward IP-based technology.

➤ SUPPORT ALL MESSAGING FORMATS AND GENERATIONS

The Interop Technologies IP Messaging Gateway supports both legacy messaging technologies

ways
to
deploy

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.

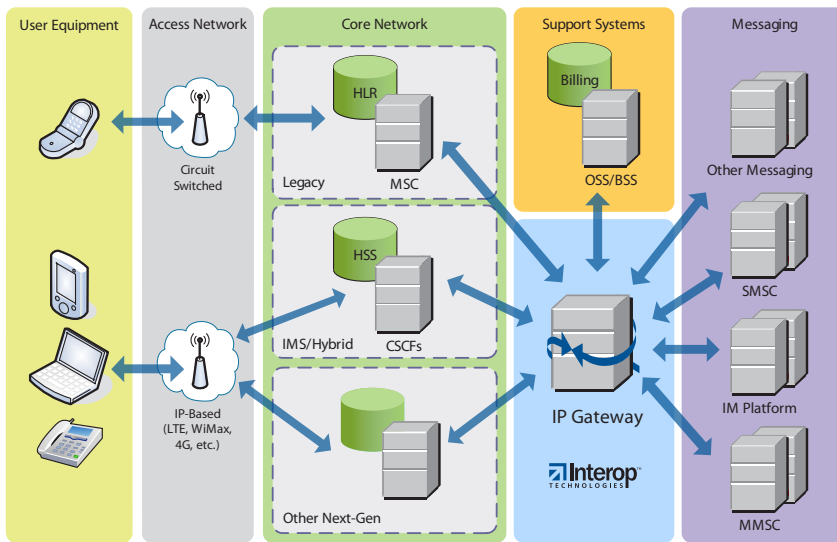
Turnkey with Managed Services—Purchase our solution outright; we handle operations and management.

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.

(SMS, MMS, etc.) and the next generation of IP-based messaging protocols (SIP/IMS, IM, SIMPLE, and more). The IP Messaging Gateway “futures” your network, enabling interoperability and tying together generations of mobile technologies.

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

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



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 IP Messaging Gateway can also receive IMS registrations directly from the network.

➤ EXPERIENCE FAST, FLEXIBLE TECHNOLOGY THAT SAVES DOLLARS

Our IP Messaging Gateway features a flexible rules-based routing engine, providing the ability to support unique configurations and routing requirements. This enables operators to take advantage of least-cost routing as well as fall-back routing to legacy networks.

➤ PROVEN PARTNER

Interop Technologies has a proven track record and is a trusted business partner. We are well-positioned to support the next generation of messaging technologies whether in the wireless, broadband, or traditional telecommunication space.

KEY BENEFITS

IP-SM-GW per SMS over IP
3GPP/3GPP2

“All-Gen” forward and backward compatibility to “futures” legacy investments

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

Real-time performance and system statistics

Web-based configuration, troubleshooting, and reporting tool sets

SNMP monitoring and alarms

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

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

Diameter Sh interface

Simplified billing through one unified feed (real-time and CDR billing supported)

“Five-nines” (99.999 percent) reliability