

Telcordia® Message Hub

The Telcordia Message Hub service simplifies international and domestic message exchange between operators by eliminating the need to establish bilateral agreements between them. Message Hub features SMS and MMS support, accurate and reliable message routing in countries with Mobile Number Portability (MNP), flexible routing options such as home routing, and a platform that can be extended to support future mobile Instant Messaging (IM) services.

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Quickly extend the reach of your SMS services

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Prevent dropped messages and lost revenue

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Simplify interconnect agreements

► There are about 1000 mobile operators in the world. Of course, your subscribers don't think about that. All they want is to send messages to whomever they like — where and whenever they like — and be assured that their message will be delivered. This means a tremendous amount of complexity, and with mobile number portability being mandated in more and more countries, making those interconnections happen is becoming even more complicated.

THE PATH TO TROUBLE-FREE INTERCONNECTION

Joining the Telcordia® Message Hub service is an easy and efficient way to connect your subscribers with hundreds of other mobile operators worldwide. Message Hub has agreements with mobile operators already in place, so you can avoid the cost and time it takes to establish hundreds of bilateral agreements yourself. Message Hub serves GSM as well as CDMA operators using SS7 and SMPP protocols.

Message Hub leverages up-to-date port-corrected routing information, helping ensure efficient and reliable delivery of your messages in markets where mobile number portability is implemented. Direct routing eliminates any dependency on donor networks, while preventing dropped messages, non-optimal routing, increased signaling loads, and extra interconnection fees. The service also improves security by providing spam filtering and fraud protection capabilities.



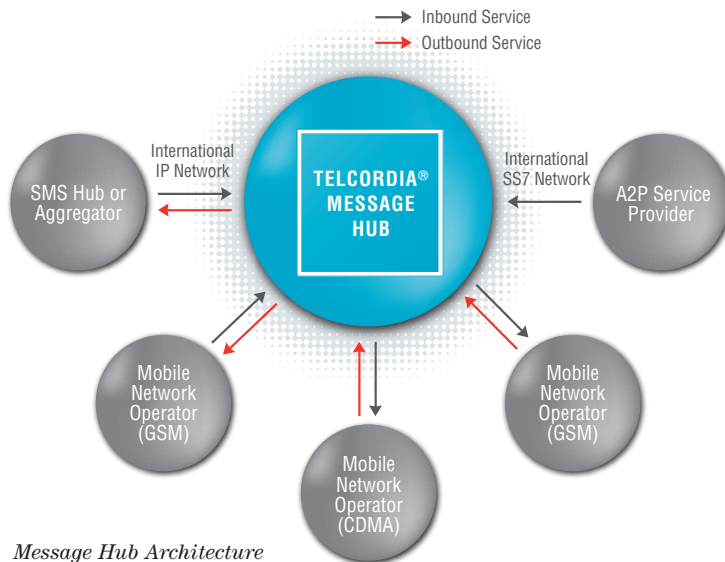
HOW TELCORDIA MESSAGE HUB GETS IT DONE

Message Hub features and capabilities make it a compelling service:

- SS7 and IP-based messaging support with interworking between protocols
- Interconnection with other SMS hubs for global operator reach
- Mobile number portability correction without donor network involvement
- Flexible routing options, including Visited Mobile Switching Center routing and home routing
- Increased security with spam filtering and fraud protection
- Transparency of origination and destination operator identity
- Traffic detail and delivery reporting
- Contract aggregation that simplifies contract management with global operators and makes hundreds of bilateral agreements unnecessary
- Cascade payments and settlement, with differential destination charging
- High availability and disaster recovery using redundant data centers
- Multi-tier technical support helpdesk
- Localized lawful interception support
- GSM Association (GSMA) Open Connectivity compliance.

SEND A CLEAR MESSAGE

Telcordia Message Hub isn't about connecting operators, it's about connecting people. The easier you make that for users, the more customers you'll attract, and the more loyal they will be.



Message Hub Architecture



For more information about Telcordia Technologies, contact your local account executive, or you can reach us at:

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TELCORDIA INTERCONNECTION SOLUTIONS

Telcordia Interconnection Solutions is a global leader in number portability, mobile messaging, and global number information exchange. Our registries, clearinghouses, and technology enable service providers to extend service reach, reduce OPEX, and minimize revenue leakage.

AT A GLANCE

Telcordia Message Hub service helps you:

- Extend the reach of your SMS offering
- Differentiate your services from competitors
- Avoid the cost and hassle of bilateral agreements
- Prevent dropped messages and lost revenue due to MNP
- Increase security and spam filtering.