



FirstPAGE

Messaging Protocols & Links

SeQent
Real-Time Decision Solutions

Integrated Protocols

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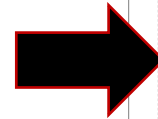
ATSMS

SIERRA-CDMA

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FirstPAGE
Server



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OPC

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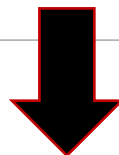
TTS

ServiceNow

SNOW

Telephony Voice - TTS

SIP



Internal Wi-Fi

WFM

FirstPAGE Server

SeQent's FirstPAGE product line provides a manual and automated messaging platform capable of supporting thousands of messages per hour that distributes near real-time information to any messaging device.

Wi-Fi Messenger

SeQent's Wi-Fi Messenger is an On Premise Wi-Fi SMS messaging system consisting of a software server providing a standard IETF SNPP input for message transactions, and handset applications for message composition, delivery and management.

FirstPAGE Integrated Protocols

Integrated Protocols are built into the core solution and included with every FirstPAGE Server purchase.

Analog Audio - TTS

Protocol	Features	Usage
MS-SPEECH	Provides text to speech audio output from default sound card.	Broadcast audio onto public address (PA) systems or into external systems supporting audio input (radio consoles).

Carrier Specific

Protocol	Features	Usage
CELLCOM	Traditional text messaging output over Internet.	Proprietary protocol of CellCom Israel .
kölbi	Traditional text messaging output over internet.	Proprietary protocol of kölbi Costa Rica
Maxis	Traditional text messaging output over internet.	Proprietary protocol of Maxis Bhd. Malaysia
OUCHPUSH	Traditional text messaging output over Internet.	Proprietary protocol of Orange/Partner Israel .
Short Message Gateway Protocol (SMGP)	Traditional text messaging output over Internet.	Proprietary version of SMGP protocol for use with China Telecom .
TELECLAL	Traditional text messaging output over Internet.	Simple SMS Web Service interface of Teleclal .

Databases

Protocol	Features	Usage
Open Database Connectivity (ODBC)	Provides message logging to an ODBC compliant database.	Log entries for each message sent to a table in a SQL database.

E-Mail

Protocol	Features	Usage
Simple Mail Transfer Protocol (SMTP)	Provides message output to traditional or non-traditional e-mail destinations.	Send messages to traditional e-mail clients or interface with servers such as E-Mail -> Pager or E-Mail -> SMS.
SMTPFALLBACK	Provides final failover to alternate e-mail address in the event all carrier delivery paths are offline.	If traditional SMS delivery to carrier fails re-route message to traditional e-mail network as a last resort.
SMTP-STARTTLS	Provides message output to traditional or non-traditional e-mail destinations using secure TLS or SSL connections.	Send messages securely to traditional e-mail clients or interface with servers such as E-Mail -> Pager or E-Mail -> SMS.

One-Way Paging Systems

Protocol	Features	Usage
Telocator Alphanumeric Protocol (TAP)	Provides text message output over serial connections and analog modems.	Send messages into older text paging systems.

Public Standards

Protocol	Features	Usage
Short Message Peer-To-Peer (SMPP)	Advanced text messaging output over Internet.	High volume message output directly to carrier switch.
Simple Network Paging Protocol (SNPP)	Traditional text messaging output over Internet.	Message output into mobile carriers and paging systems.

Wireless Modems

Protocol	Features	Usage
ATSMS	Traditional text messaging output via carrier associated wireless modem. Modems supported via direct serial connections and TCP/IP connections.	Low volume text message output into mobile carriers where land line telephony or internet connectivity is not available. Or to use as a backup messaging option when other methods are temporarily unavailable
SIERRA-CDMA	Traditional text messaging output via carrier associated CDMA wireless modem. Modems supported via direct serial connections and TCP/IP connected. Supported model: Sierra Wireless Airlink Raven XT	Low volume text message output into mobile carriers where land line telephony or internet connectivity is not available. Or to use as a backup messaging option when other methods are temporarily unavailable.
ZTE-EVDO	Traditional text messaging output via carrier associated CDMA2000 wireless modem.	Low volume text message output into China Telecom mobile carrier where internet connectivity is no available.

FirstPAGE Link Products

Link Products may be purchased to augment FirstPAGE Server in supporting more complex outputs.

Hubbell / GAI-Tronics

Protocol	Features	Usage
GAI-Tronics (GAI)	Provides text to speech ^{audio} output to GAI-Tronics PA systems.	Send text to speech messages to GAI-Tronics PA zones.

Motorola Solutions

Protocol	Features	Usage
Capacity Max (CAPMAX)	Traditional text messaging output to Motorola Solutions MOTOTRBO networks using the Capacity Max architecture.	Send messages to MOTOTRBO Capacity Max supported devices.
Connect Plus (CPLUS)	Traditional text messaging output to Motorola Solutions MOTOTRBO networks using the Connect Plus architecture.	Send messages to MOTOTRBO Connect Plus supported devices.
MOTOTRBO™ Network Interface Service (MNIS)	Traditional text messaging output to Motorola Solutions MOTOTRBO networks using the Motorola Solutions MNIS interface.	Send messages to MOTOTRBO supported devices on architectures including: Conventional, Capacity Plus, IP Site Connect, Linked Capacity Plus.
Simplex (TRBODirect)	Traditional text messaging output to Motorola Solutions MOTOTRBO simplex networks.	Send messages to MOTOTRBO simplex supported devices.
WAVE PTX Broadband Push-To-Talk Communication (WAVE PTX)	Text to speech output of messages to Motorola Solutions WAVE PTX servers.	Send audio versions of text messages to Motorola WAVE PTX channels.
WAVE Text-to-Speech (WAVE TTS)	Text to speech output of messages to Motorola Solutions WAVE 5000 servers.	Send audio versions of text messages to Motorola WAVE 5000 channels.

OPC DA/UA

Protocol	Features	Usage
Open Platform Communication (OPC)	Provides text message content driven rules for populating OPC DA items.	Set values in OPC DA compliant devices when specified text messages are received.

Radio Voice - TTS

Protocol	Features	Usage
Text-to-Speech (TTS)	Provides text to speech audio output to any push-to-talk radio system.	Send text to speech messages to any PTT radio network channel.

ServiceNow

Protocol	Features	Usage
Service Now (SNOW)	Provides highly customizable text message content driven rules for populating basic ticket fields in Service Now.	Upon alarm enunciation, start the ticketing process automatically.

Telephone Voice - TTS

Protocol	Features	Usage
Session Initiate Protocol (SIP)	Provides text to speech audio output to any telephony connected destination via SIP hardware gateways or SIP enabled PBXs.	Call technicians via a voice call to any telephone speaking messages text after answering.

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