



***FirstPAGE***

**Messaging Protocols & Links**

**S e Q e n t**  
Real-Time Decision Solutions

## Integrated Protocols

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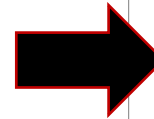
ATSMS

SIERRACDMA

ZTE-EVDO



*FirstPAGE*  
Server



## Links

### Hubbell / GAI-Tronics

GAI

### Motorola Solutions

CAPMAX

CPLUS

MNIS

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OPC

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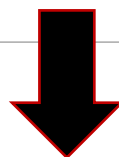
TTS

### 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 <a href="#">CellCom Israel</a> .
kölbi	Traditional text messaging output over internet.	Proprietary protocol of <a href="#">kölbi Costa Rica</a>
Maxis	Traditional text messaging output over internet.	Proprietary protocol of <a href="#">Maxis Bhd. Malaysia</a>
OUCHPUSH	Traditional text messaging output over Internet.	Proprietary protocol of <a href="#">Orange/Partner Israel</a> .
Short Message Gateway Protocol (SMGP)	Traditional text messaging output over Internet.	Proprietary version of SMGP protocol for use with <a href="#">China Telecom</a> .

### Databases

Protocol	Features	Usage
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
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
Tele locator 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.
Universal Computer Protocol (UCP)	Traditional text messaging output over Internet.	Message output into mobile carriers.

## Wireless Modems

Protocol	Features	Usage
ATSMS	Traditional text messaging output via carrier associated wireless modem. Modems supported via direct serial connections and TCP/IP connected.	Low volume text message output into mobile carriers where land line telephony or internet connectivity is not available.
SIERRACDMA	Traditional text messaging output via carrier associated CDMA wireless modem.	Low volume text message output into mobile carriers where land line telephony or internet connectivity is not available.
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
<a href="#">GAI</a>	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 <a href="#">(CAPMAX)</a>	Traditional text messaging output to Motorola Solutions MOTOTRBO networks using the Capacity Max architecture.	Send messages to MOTOTRBO Capacity Max supported devices.
Connect Plus <a href="#">(CPLUS)</a>	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 <a href="#">(MNIS)</a>	Traditional text messaging output to Motorola Solutions MOTOTRBO networks using the Motorola MNIS interface.	Send messages to MOTOTRBO supported devices on architectures supported by Motorola's MNIS interface.
Simplex <a href="#">(TRBODirect)</a>	Traditional text messaging output to Motorola Solutions MOTOTRBO simplex networks.	Send messages to MOTOTRBO simplex supported devices.
WAVE Text-to-Speech <a href="#">(WAVE TTS)</a>	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**

Protocol	Features	Usage
Open Platform Communication <a href="#">(OPC)</a>	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 ( <a href="#">TTS</a> )	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 ( <a href="#">SNOW</a> )	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
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.

## Zebra

Protocol	Features	Usage
Workforce Connect ( <a href="#">WFC</a> )	Provides text message output to the Zebra's Workforce Connect platform.	Send messages to Zebra Workforce Connect supported devices.

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