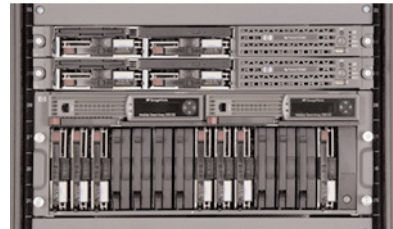


MITEL

# NuPoint Messenger | IP Model 640

## High-Capacity, Resilient Messaging Solution



Mitel® NuPoint Messenger™ IP Model 640 is a highly scalable and robust messaging solution that scales to over 100,000 users. With support for leading IP-PBX and TDM gateways, it delivers a cost-effective migration path from legacy voicemail systems. A modular architecture allows you to buy the system you need today, and cost effectively add applications, features and capacity as your business grows and evolves over time.

### High Reliability and Resiliency

NuPoint Messenger IP Model 640 is designed to deliver carrier-grade reliability and resiliency. It consists of two fully redundant servers that act as a single module, configured as a redundant active / passive pair. If the active server goes down, the passive server takes over and handles all calls to mailboxes and all Web and network traffic. With optional continuous system operation, the fail-over from active to passive server is fully automated, ensuring that the system is fully operational with full port capacity within seconds of a failure. Finally, you can use network management tools and NuPoint Web-based management to monitor and administer the system from any networked PC.

### Worry-free Migrations

Customers with Centigram, Baypoint or legacy NuPoint Model 640 systems can rest assured NuPoint Messenger IP Model 640 is simply the next generation of these solutions. This means migrating to NuPoint Messenger IP is simple for administrators and end users alike. The familiar Centigram / Mitel Telephone User Interface (TUI) enables the seamless migration of messages, databases and greetings. For migrations from non-Centigram / NuPoint systems, other TUIs are available, including a numeric TUI, an Octel-like TUI and TDD for the hearing impaired.

### Advanced IP and TDM Integration

NuPoint Messenger IP is a Voice over IP solution that integrates with both a VoIP network and a traditional analog network. Whether you have already converged your voice and data networks, or have plans to do so in the future, NuPoint Messenger IP will accommodate. For traditional TDM-based PBX systems, NuPoint Messenger IP supports digital, T1 / E1 with MSDN or SMDI, and analog / SMDI integrations. Digital and analog integrations are supported through an SIP interface to a PBX Integration Gateway, while T1 / E1 integrations leverage an IP messaging gateway. For large or distributed organizations, NuPoint Messenger IP also supports simultaneous integration to multiple PBXs using ESMDI and Dual MWI through RS232 and DTMF to PBX message waiting.

### NuPoint Features

#### Key Features and Applications

- Continuous system operation ensures resiliency and delivers 99.999% uptime (excludes scheduled maintenance)
- Message retrieval and management (from phone, e-mail or Web browser)
- Web-based tool to create sophisticated corporate or personal auto attendant with time of day / week / year routing, blind / supervised / screened transfer, multi-level menu, emergency override
- Soft fax for incoming faxing and fax publishing without any requirement for fax cards
- Web-based administration for mailbox maintenance, report generation and system maintenance
- Greeting only, chain, rotational, broadcast, Q&A and information mailboxes
- Multilingual, mnemonic and numeric prompts
- Billing and reporting
- Advanced networking (NP Net TCP / IP, AMIS and VPIM)
- Record-a-call and recorded announcement device (RAD) support

### Specifications

System Capacity	
Number of ports	8 to 240
Maximum hours of speech storage	5,760 hours
Maximum mailboxes	120,000
Simultaneous languages	5
Simultaneous UM connections	60
Simultaneous PBX integrations	32 (eSMDI)

System Hardware		
Server Assembly	PBX Integration Gateway	Mitel Messaging T1/E1 Gateway
<ul style="list-style-type: none"> <li>• Dual, embedded 1 GB NIC</li> <li>• 2 GB RAM</li> <li>• Redundant power supplies and fans</li> <li>• Pentium 4 CPU, 3 GHz</li> <li>• One CD-ROM</li> <li>• Two serial ports</li> <li>• Two USB ports</li> <li>• External RAID storage with 7 x 32 GB drives</li> </ul>	<ul style="list-style-type: none"> <li>• 8 telephony ports per unit</li> <li>• 1 serial port for serial protocol support</li> <li>• One 10 / 100Base-T Ethernet port</li> </ul>	<ul style="list-style-type: none"> <li>• Two variations:                             <ul style="list-style-type: none"> <li>– Non-redundant Gateway supports up to 48 T1 / 60 E1 ports</li> <li>– Redundant Gateway has redundant power and hard drives and supports up to 96 T1 / 120 E1 ports</li> </ul> </li> </ul>

System Dimensions			
	Server Assembly	PBX Integration Gateway	Mitel Messaging T1 / E1 Gateway
Height:	1.7 in (4.32 cm)	2.1 in (5.3 cm)	2.5 in (8.9 cm) 2U
Width:	16.78 in (42.63 cm)	10 in (25.4 cm)	17.75 in (45.1 cm)
Depth:	27.75 in (70.49 cm)	9.5 in (24.1 cm)	20.25 in (51.4 cm)
Weight:	37 lbs (16.78 kg)	2.5 lbs (1.13 kg)	31.5 lbs (14.3 kg)

Supported PBX's			
Vendor	Model	Revision	Emulation
<b>IP Integration</b>			
Mitel	3300 ICP	Release 5.2 or greater	
<b>Digital Integration</b>			
Mitel	SX 200 ICP SX-200 SX-2000	Release 1.2.0.7 or greater LIGHTWARE 17 LIGHTWARE 30	Superset 430 Superset 430 Superset 430
Nortel Networks	Meridian (M-1 and SL-1) Norstar 8 x 24 Norstar MICS Succession 4.0	Release 15 or greater DR5 Release 1.2 or greater Release 4.5 or greater Revisions 3.0 and 4.0	M2616 M7324 M2616
OptiSet (Siemens)	Hicom 300E	Release 9006.4 or greater	E Advantage PlusNEC
Lucent (Avaya)	DEFINITY G3 Merlin Magix Merlin Legend	Version 3 or greater Release 2.0 or greater Release 7.0 or greater	8434 (2-wire mode) 4424D
NEC	2400 IMG 2400 IMX 2400 IPX NEAX 2000 IVS	Release 7400 or greater Release 5200 Dec. 92 1b R17 Rel. 03.46.001 Release 1700 or greater	Dterm III
<b>Analog</b>			
Various	PBX must support analog loop start station interfaces and SMDI		
<b>T1 and E1 Intergration</b>			
Mitel SX-200 / SX-2000	T1 or E1 with MSDN or Q.SIG		
Various	PBX must support T1 / E1 interface and SMDI or Q.SIG		

Environmental Conditions			
	Server Assembly	PBX Integration Gateway	Mitel Messaging T1 / E1 Gateway
Operating Temperature	50 F to 95 F (10 C to 35 C)	32 F to 122 F (0 C to 40 C)	41 F to 122 F (5 C to 50 C)
Non-operating Temperature		-4 F to 158 F (-20 C to 70 C)	
Relative Humidity Operating	10% to 90%	8% to 80% humidity	40% to 90%
Power Input	Max 565 W	165 W	150 W

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