

Omega Unified Messaging Platform



SYSTEM OVERVIEW

The Omega Unified Messaging platform offers the operator the elusive COMPETITIVE EDGE. This system offers the ability to bundle a variety of services and customize subscriber packages. Sending and receiving: alpha and numeric pages, faxes, email and voice mail allows the operator to build a profit center with even lower initial expense and expand as needed. Any message coming in via any supported protocol (GCP, HTTP, SMTP, SNPP, TAP, TNPP, WCTP) can be sent using GCP, HTTP, SMPP, SMTP, SNPP, TAP, TNPP and/or WCTP. Subscribers can log on with a web browser to listen to their voice mail or view their stored alpha messages. System administration can be performed remotely as well as locally.

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Technologies

Omega Unified Messaging Platform

SYSTEM FEATURES AND BENEFITS

VOICE MAIL

- Auto senses incoming messages as fax, numeric or voice.
- Ability to specify message class (urgent, confidential, reply requested).
- Ability to specify a future delivery time for message.
- Customize message length, retention times and greeting length.
- Mailbox Menu Trees (press #1 for sales, etc.).
- Supports a system-wide bulletin.
- Multiple private distribution lists per mailbox.
- Multiple paging devices per mailbox.
- Cascade messages for a mailbox to another after all paging attempts have been made.
- Forward messages for a mailbox to another mailbox if on vacation or unable to respond.
- Count down support for prepaid applications.

PAGING

- Subscriber can be alerted via pager when voice mail is received.
- Ability to specify Day of week and start / end time per paging device.
- Can send email to a pager.
- Supports TNPP (dedicated or dialup), full duplex or simplex connections.
- Incoming TAP and TNPP messages can be routed to an Internet email address.
- TNPP over the internet using ISI, Omega Messaging Gateway, or another Unified Messaging Platform.
- Can block by capcode, pager id, source, destination, pager encode, or page type.

- Supports extended cap page blocks and flex pages
- Alternate routing tables allow for rerouting due to a line down
- Support up to 64 serial ports.
- Dialup or dedicated lines may be used.
- Each port can be configured for full-duplex, half-duplex output, or half-duplex input. Data rate, data format, and all system parameters are easily configurable.
- Down links are automatically restarted when communications are restored.
- Packets are routed by TNPP classes (or tables) which are based on destination headers

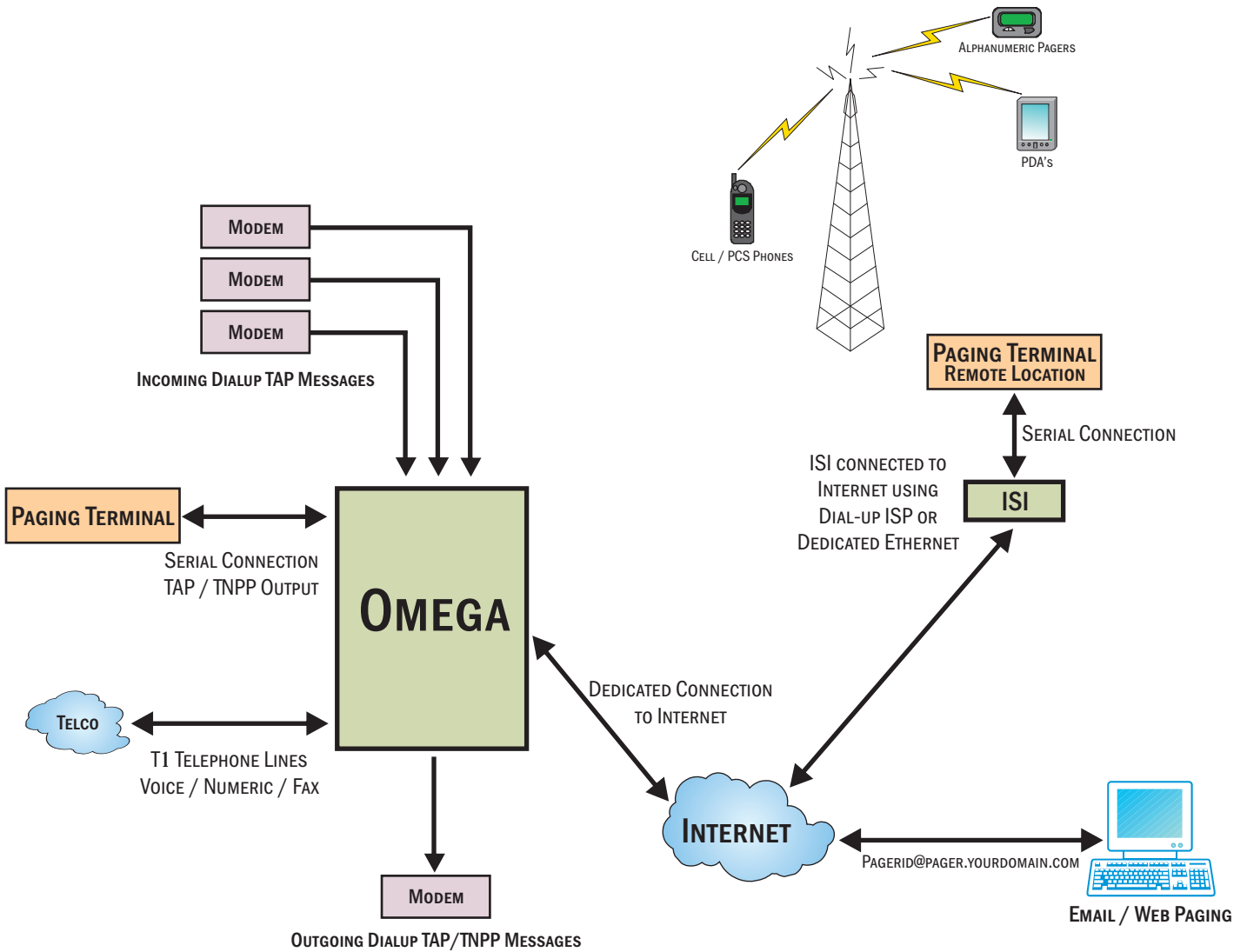
FAXES

- Automatically detects fax or setup mailbox for fax only receive.
- Retrieve through voice mail, fax, web browser or Internet email.

INTERNET

- Web based system administration
- View faxes, numeric and alphanumeric messages, emails and listen to messages.
- Subscriber changes via web browser: passcode, enabling/disabling pagers, pager start & end time, and email filters
- Incoming SMTP and SNPP messages can be routed to a TAP or TNPP pager
- Comprehensive email filtering (system-wide and per subscriber)
- Web based paging

EXAMPLE APPLICATION DIAGRAM



TECHNICAL SPECIFICATIONS

INPUT / OUTPUT SPECIFICATIONS

- Voice / Fax / Numeric Interfaces:
 - POTS or DID lines with Ground Start or Wink.
 - Digital trunks up to 16 T1 inputs.
- Serial protocols include: TAP, TNPP, and SMDI output.
- Internet protocols include: SMTP, SNPP, Web Interface, WCTP and SMPP output, Serial over TCP/IP, and AOL Instant Messenger^(SM).

STANDARD SYSTEM SPECIFICATION / CONFIGURATION

- Physical dimensions: rack 19"W x 7"H x 24"D
 tower 7.5"W x 18"H x 21"D
- Power 120 VAC
- Window 2000 Professional
- Pentium class processor
- Single T1 interface
- 1 Serial port

SYSTEM OPTIONS

- 48 Volt DC power supply
- 2 to 64 Serial ports
- Hard drive Raid
- Redundant power supplies
- CD ReWritable or Tape backup

NOTES

- A dedicated connection to the Internet with a static IP address is required
- An Internet domain name is required. For example, emails can be addressed to "pagerid@pager.yourdomainname.com"
- Messages sent to a subscriber will be sent to all the pagers defined for the subscriber
- Remote access via Symantec pcAnywhere™
- Remote command line access via secure shell (SSH)

