



Air Messenger Gateway

Internet Paging Gateway Server

By

Internet Software Solutions

Connect Your Paging Terminals To The World!

The Air Messenger Gateway is a complete solution to connect your paging terminals to the Internet by using a Windows NT/2000 Workstation or Server.

By using our gateway you give the ability to provide value added services to your customers such as SNPP Paging, E-Mail Paging, Web Paging and informational services such as weather and sports updates. Our modular design will allow you to add virtually any type of informational service that can provide potential extra revenue.

Significantly increase your alpha traffic and cut costs on costly toll-free lines by using the Internet. Larger companies prefer the use of the Internet because the ease of use without them having to install costly modems and having phone lines run to each terminal that they wish to page from.

By utilizing the Air Messenger Gateway Server you will be able to provide more informational content to your customers from, varied sources thus providing greater value to them while lowering your overall operating costs.

SUBSCRIBER FEATURES

- Subscriber Maintains Account via Web Interface
- Subscriber choose destination device
- PIN Aliases, Pin can be alphanumeric
- Set paging schedule for time they wish to be paged
- Forward Pages to a E-Mail account
- Schedule pages for future delivery for reminders
- Services can be maintained via Web Interface if allowed
- Page recall, allows customer to view what pages have been sent to them and delivery status
- Receive pages and manage accounts from a Internet enabled cellular phone

SYSTEM FEATURES

- Runs on Win 95/98/NT/2000 Workstation or Server
- Multiple carrier support
- Dial-Up Lines are pooled when accessing multiple carriers
- Uses Paradox Tables for easy integration with other software
- Modular design for the addition of external subscription services
- Built In Web Server with CGI support
- Built In SMTP Server or receive pages via Domain POP or Exchange account
- Virtual Web Server, allows virtual web hosting for partnering companies
- Password protection
- Service access restriction based on IP address
- Customer charges can be based on destination and by services subscribed for

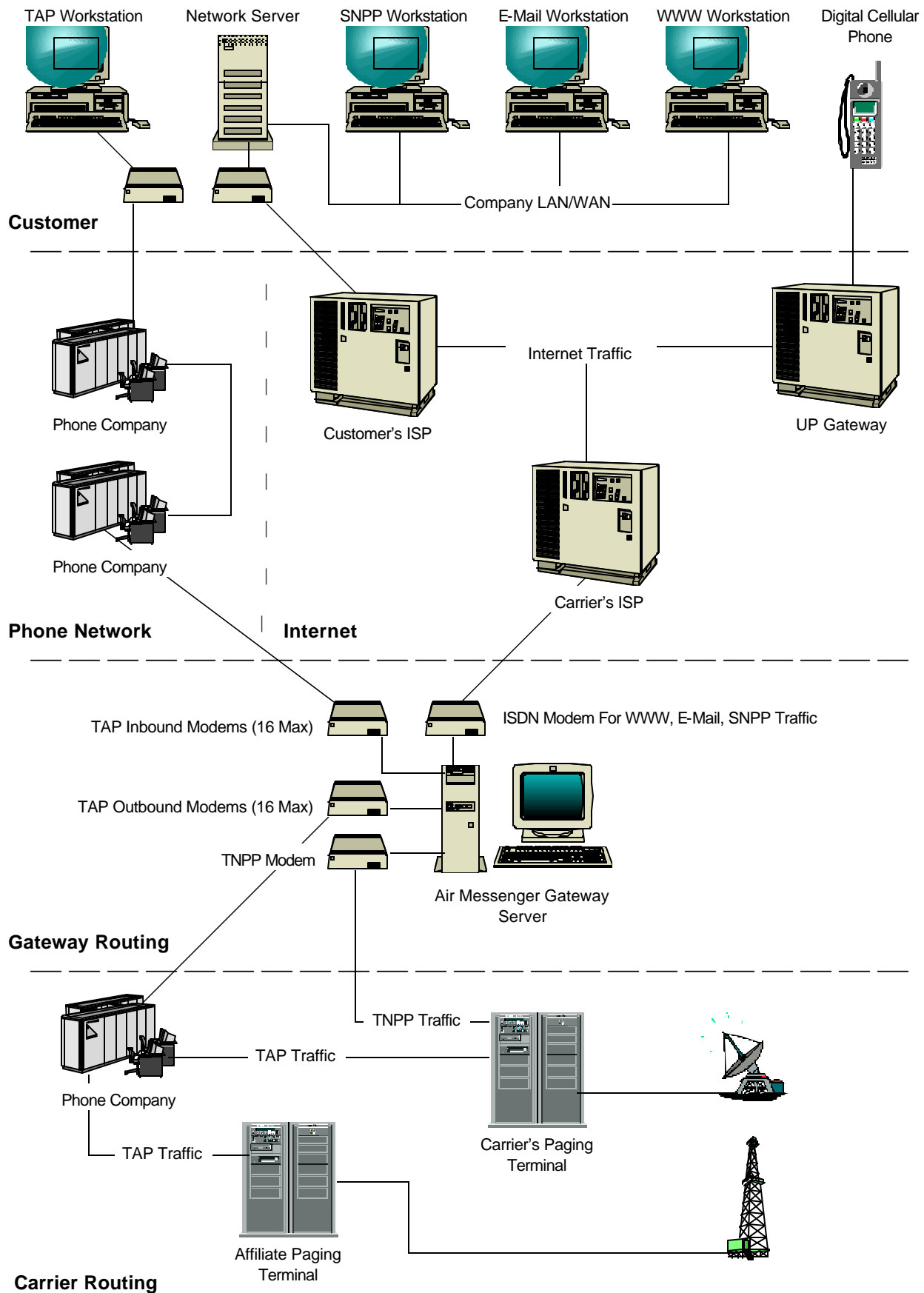
Receive Pages

- HTTP Web based messages
- SMTP electronic mail
- SNPP Simple Network Paging Protocol
- Up To 16 TAP Dial-Up Modem Line
- UP Enabled Cellular Phone

Send Pages

- HTTP Web –based messages
- SMTP electronic mail
- SNPP Simple Network Paging Protocol
- Up To 16 TAP Dial-Up Modem Line
- TNPP Port

Typical Operation



Related Software Products

Below are products that we offer to give you the ability to use the Air Messenger Gateway Server to its full potential.

Air Messenger Pro

Air Messenger Pro give you the ability to send alphanumeric pages to any Cellular Phone or Pagers from any WinXX/NT/2000 computer. This is our top of the line paging client. Some of the features you can find in this software package is the ability to create group list on the fly, shared group and user lists, save commonly sent messages, queue or schedule messages for delayed delivery. Air Messenger Pro is compatible with all TAP compliant paging systems and also includes the SNPP protocol for Internet Paging and E-TAP for enhanced TAP paging features.

Air Messenger Lite

Air Messenger Lite is a lightened down version of our Pro for people who just want a simple Alphanumeric Paging client. Air Messenger Lite will give you the ability to send alphanumeric pages to any Cellular Phone or Pager from any WinXX/NT/2000 computer. Compatible with all TAP compliant paging systems. Includes E-TAP for enhanced TAP paging features.

Air Messenger SNPP

Air Messenger SNPP is a lightened down SNPP only version of our Air Messenger Pro for people who just want a simple Alphanumeric Paging program that functions with a SNPP Gateway. Air Messenger SNPP will give you the ability to send alphanumeric pages to any Cellular Phone or Pager from any WinXX/NT/2000 computer over the Internet.

Air Messenger Remote TAP Server

The Air Messenger Remote TAP Server allows you to place remote TAP services in alternate cities. The RTS can validate users local or from a Air Messenger Gateway Server. Pages can be delivered to the terminal via TNPP or SNPP.

Specifications/Requirements

General

AMG is available as turn key system or as software only.

Turn Key Systems

- Rack Mnt. 128mg Ram 466/60 Server
- 15" Rack Mnt. Monitor & Keyboard
- Windows 2000 Professional
- PC Anywhere For Remote Diagnostics
- 10/100 PCI Network Card
- 1.44 Floppy & 40x CD-Rom Drive
- 15 Gig Hard Drive
- 2,4,8, or 32 Multi-Port Serial Card (OP)
- 16 or 32 Port Modem Bank (OP)
- 12,4,8 or 32 Modem Cards (OP)
- Rack Enclosure

Minimum System Requirements

- Windows 9x/NT/2000
- 64 Meg Ram 9x ,128 Meg NT/2000
- 2 Gig Hard Drive
- VGA Monitor
- Internet Connection
- Modems if TAP Is Required
- Serial Port If TNPP Is Required
- Parallel Port
- CD-ROM Drive

Configuration

| | |
|----------------|--------------|
| Server Config. | Local Only |
| TAP Ports | Local Only |
| Subscribers | Local/Remote |
| Providers | Local/Remote |
| Services | Local/Remote |
| Global E-Mail | Local/Remote |
| Resets | Local/Remote |
| Reports/Stats | Local/Remote |

Capacity

| | |
|-------------------|--------------------|
| Max# Subscribers: | Unlimited/Licensed |
| Max# Providers: | Unlimited |
| Max# Services: | Unlimited |

TAP Ports

| | |
|---------------|----|
| Max# Inbound | 16 |
| Max# Outbound | 16 |

TNPP Ports

| | |
|-------------------|-----------|
| Max# Ports | 1 |
| Max# Destinations | Unlimited |

E-Mail Paging

| | |
|----------|----------------|
| Outbound | SMTP/Exchange |
| Inbound | Internal/POP3/ |

Exchange

Note: Outbound SMTP Requires A SMTP Server

WWW Server

| | |
|------------------|--------------------|
| Scripts | Perl, Win CGI |
| Virtual Domains | Unlimited |
| # Of Connections | Hardware Dependent |
| Security | IP Restrictions |

SNPP Server

| | |
|--------------------|--|
| # Of Connections | Hardware Dependent |
| Commands Supported | 2-Way Hold NoQueue Help Page Mess Data Rese Msta |

E-TAP Protocol

| | |
|--------------------|---|
| Protocol | Aldiscon |
| Supported Commands | Query Confirm Update Replace Schedule |

Note: *Hardware configurations may cause limitations!*