

emPager ProTM

Version 4.3

Alerting Software for your network.

© 2017 Weather Message Software LLC

Weather Message - emPager Pro Server

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Printed: March 2017 in Dadeville, Alabama.

Publisher

*Weather Message Software,
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Dadeville, AL 36853*

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Special thanks to:

All of the Weather Message users that have helped with the development of this software. I have listened carefully to your requests. Without your continued devotion, this version would not be possible.

Also to the people that make responding to emergency situations and reporting severe weather a priority. Your dedication saves lives.

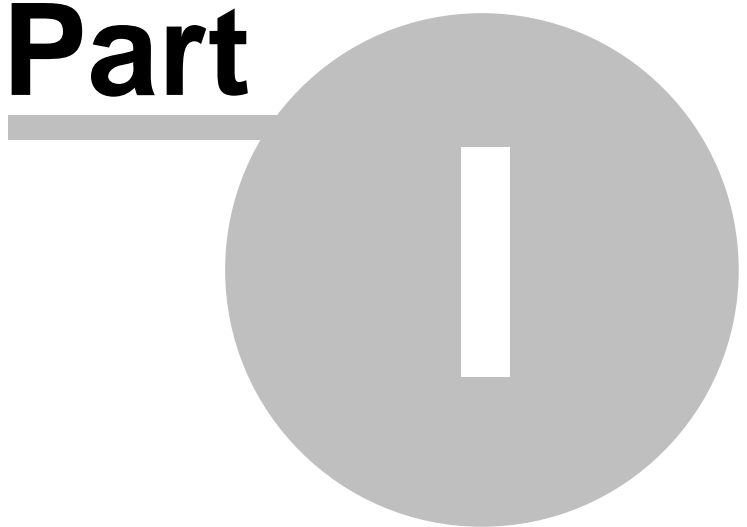
Our Goal:

"To provide users with software that can help save lives. If one life is saved through our combined efforts the value is immeasurable."

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1 Introduction

1.1 Overview

Weather Message's *emPager Pro* is a multi-user paging application. It is designed for businesses and public services agencies that need a quick and easy way to electronically notify one or more people individually or in groups.

Groups can be setup with one or more individuals. A unique feature is conditional group members. This capability allows the inclusion of additional members when a predetermined condition is met. In emergency dispatch centers, this feature can be used to automatically notify mutual aid departments.

emPager Pro features a centralized server with easy to use clients. It supports notifications using these protocols: SMTP, SNPP, WCTP, TAP, TAP by direct connection, HTTP Post, HTTP Get and Mototrbo®.

The *emPager Pro Client* is easy to use and can be installed on one to fifty computers. It uses TCP/IP and supports access across the Internet.

In addition to desk-top activation, the software can be configured for activation using specially crafted emails.

The system features extensive error detection and notifications to insure that messages are delivered. It includes detailed reports to view sent messages.

Weather Message – emPager Pro can be downloaded from the Internet and has a 30-day evaluation period. You can download it at <http://www.wxmesg.com>.



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1.2 Message Delivery Warning

Warning

Due to the nature of telephone based connections and Internet based servers, it is possible that messages may not be delivered. *emPager Pro* has built-in retry mechanisms to make every attempt to delivery messages. Even with the internal safeguards, telephone and Internet outages can prevent delivery of messages.

1.3 Obtaining Help

Email Support

If you need help with Weather Message, send an email to help@weathermessage.com.

Mail Support

You can reach the program author by mail to Weather Message Software, 203 Old Shepard Road, Dadeville, Alabama 36853.

Weather Message Website

You can check for software updates and information on the [Weather Message Website](#).

Discussion Group

A Yahoo Discussion Group has also been established for users to exchange ideas and help each other. You can join this group at <http://groups.yahoo.com/group/WxMesg/join>.

1.4 Installation

Weather Message emPager Pro can be purchased on CD or downloaded from the website. The CD will automatically load the installation program. If you download the software from the Internet, you will need the full installation executable. It contains all of the files necessary for a full installation.

Updates to the software can also be downloaded from the Internet. Same version changes are free.

emPager Pro can be uninstalled using the standard Windows Add/Remove Programs facility.

emPager Pro features a full 30 day fully functional evaluation. During the evaluation period, all aspects of the software function normally. At the end of the 30 day evaluation, the software will display an message, asking you to register the software.

Note: *If your installation will use multiple user login names/profiles, we recommend that you install Weather Message using the administrator login. This will insure that all users have access to the programs.*

Note: *It is not necessary to uninstall a previous version of emPager Pro before installing an updated software version. Uninstalling the software will delete your operating setup information.*

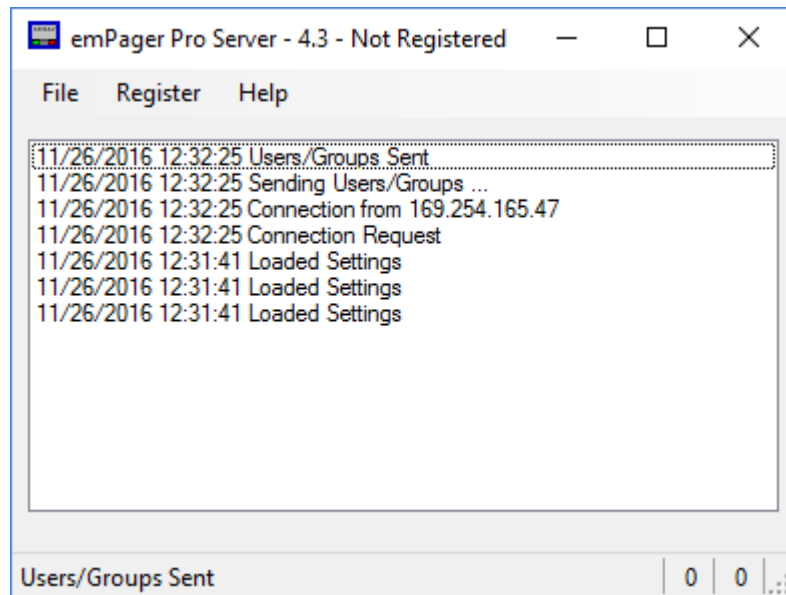
Part



2 emPager Pro Server

2.1 Overview

emPager Pro Server is the heart of the paging application. When started, it appears as a pager icon in the system tray.



The main window displays the operational status of the program. As each client connects and sends pages, those activities are displayed. The status bar shows the current operation being performed and/or completed. It also displays the number of messages pending for delivery by email and other protocols.


See the following sections to setup Service Providers, Users and Groups.

Hint: *Service Providers must be established before adding users and groups.*

Note: *emPager Pro Server must be running for the clients to send messages.*

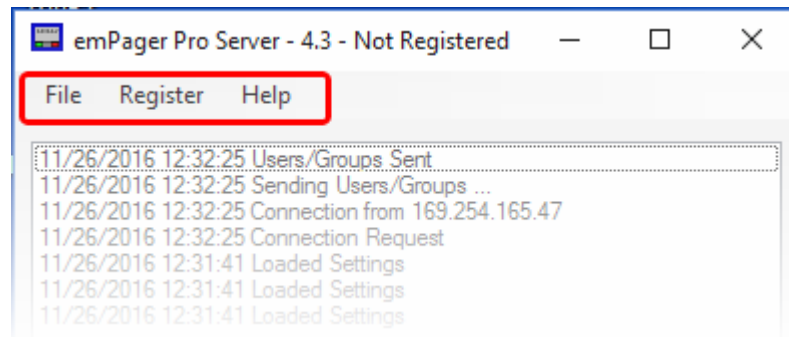
Note: *If emPager Pro Server is stopped with the window minimized, the next time it is started, it will start minimized.*

System Tray

When emPager Pro Server is minimized, you can restore the main screen by right clicking on the system tray icon , then select open.

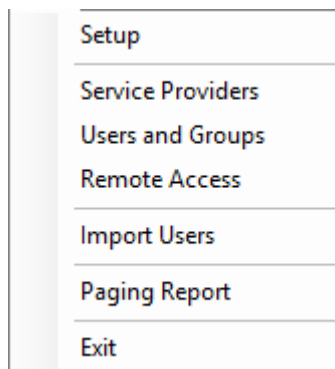
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2.2 Menu Options



The menu buttons on this screen perform these functions:

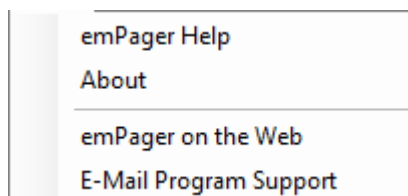
The **File** menu allows you to setup this program, maintain service providers, maintain users and groups, view the paging report, and exit the program.



- The **Setup** option opens the [Setup window](#).
- The **Service Providers** option allows you to setup service providers.
- The **Users and Groups** option allows you to setup users and groups.
- The **Remote Access** option allows you to setup users for remote access using POP Retrieval.
- The **Import Users** option allows you to import users using a CSV formatted file.
- The **Paging Report** opens the paging report generator window.
- The **Exit** option stops emPager Server.

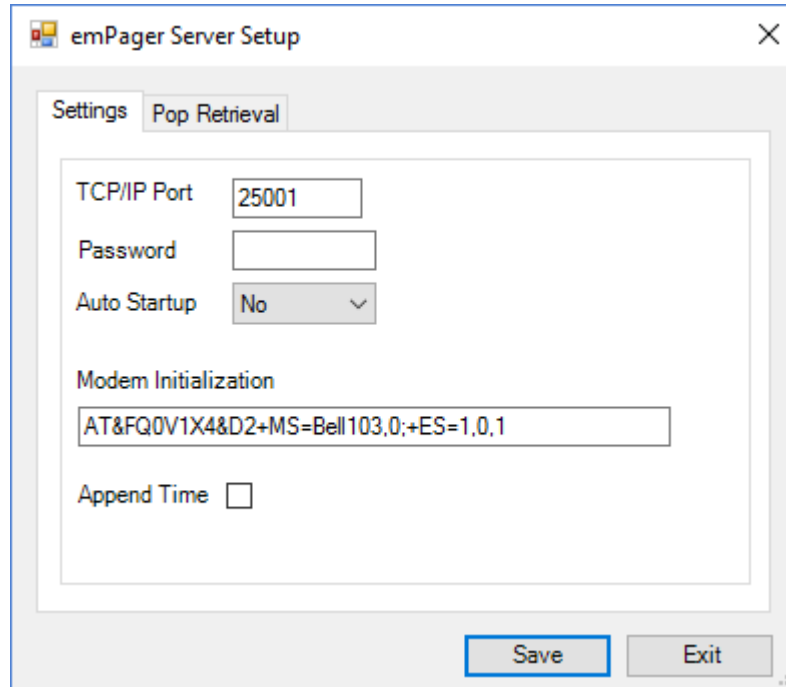
The **Register** menu allows you to [register](#) emPager Pro. This button does not appear if the software is registered. Note: If the software is not registered after 30 days, it will stop functioning.

The **Help** menu allows you to see this manual, and display information about the program.



2.3 Setup

The **Setup** tab is used to define general program operation.



TCP/IP Port designates the TCP/IP port that the clients will use to access the emPager Pro Server.

The **Password**, if entered, will cause the server to prompt the user for a password before allowing changes to Setup, Service Providers, Users and Groups, and stopping the program.

Hint: *Entering a password will prevent the server from being accidentally shutdown.*

The **Auto Startup** option allows you to specify whether emPager Pro Server is automatically started when Windows starts. The options are No; Yes, for the current user; and Everyone, for any user.

Note: *The options available for Auto Startup are based on your user permissions. Administrator and Power users will have all of the options. Other users may only have the Yes option.*

Modem Initialization Strings

Modem initialization strings can be different for each modem manufacturer and in most cases are different. The following generic strings can be used with most modems.

Generic		AT&FQ0V1X4&D2
Generic	14.4 & 28.8	AT&FQ0V1X4&D2N0S37=5
US Robotics		AT&F0Q0V1X4&D2&B1&K0&M0&N2

Some US Robotic modems will not communicate with computers at slow baud rates. If you encounter problems with your US Robotics modem, use the above initialization string and set the baud rate for 19200.

In general your initialization string should do the following.

Send the attention command	AT	
Load factory defaults	&F	
Turn echo off	E0	
Enable result codes	Q0	
Display result codes as words	V1	
Enable extended result codes	X4	(could be X0)
Enable modem hang up DTR change	&D2	

In addition, these options should be specified – they vary by manufacturer.

- Turn off data compression
- Turn off error correction
- Turn off flow control

If these codes do not work with your modem, send e-mail to help@wxmesg.com. Include your modem model number and we will try to send you an initialization string that will work.

The **Pop Retrieval** tab is used to define options for the Pop Retrieval service.

The screenshot shows the 'emPager Server Setup' window with the 'Pop Retrieval' tab selected. The fields are as follows:

- POP Server: pop.sacssoftware.com
- POP Port: 110
- User Name: empager@wxmesg
- Password: [masked with asterisks]
- Method: Password (dropdown menu)
- SSL Required: No (dropdown menu)
- Polling Interval: 30

Buttons: Save, Exit

The POP Retrieval option is used to activate groups or individuals using specially crafted emails. To use this option, you will need an email account setup to receive activation requests.

The **POP Server** field should be the address of your POP server.

Note: This field should be left blank if you do not want to use POP Retrieval.

The **POP Port** is the port assigned to your POP server. This is normally 110.

If your POP Server requires authentication, enter your **User Name** and **Password**.

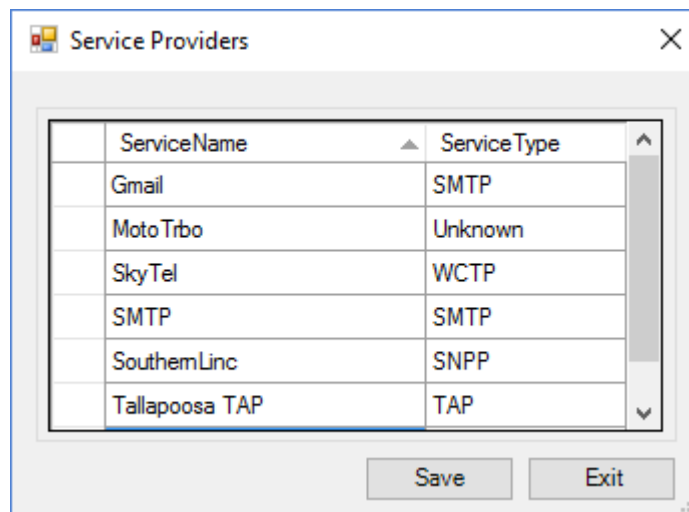
The **Method** field selects the type of authentication. Select Password, CRAM, NTLM, Apop, Plain, Digest MD6, or Kerberos.

The **SSL Required** field specifies the type of SSL access, if required. Select No, Auto, Implicit, or Explicit.

The **Polling Interval** specifies the amount of time, in seconds, that the program should poll the POP server.

2.4 Service Providers

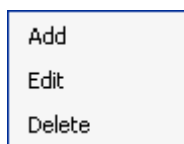
The Service Providers window is used to establish and maintain your service providers. A Service Provider is the provider used to deliver a message.



Multiple service providers can be setup to support different delivery methods. For example, messages that are delivered by email require a SMTP provider. Messages that are delivered with the TAP protocol require a TAP provider. The setup for each service provider describes the protocol and method used to deliver a message associated with the provider.

Hint: *Service Providers must be established before adding users and groups.*

To edit an existing provider, double click the provider. For other options, select the provider and right click to see these menu options.



- The **Add** option will add a new service provider.
- The **Edit** option will edit the selected service provider.
- The **Delete** option will delete the selected service provider.

2.4.1 Provider

The Edit Service Provider window allows you to establish and maintain a service provider. The window changes based on the Service Type selected.

The system supports 6 different protocols; SMTP (email), SNPP, TAP, WCTP, HTTP Post, HTTP Get, Twitter, Facebook and Mototrbo®. Set the Service Type field to match the requirements of your paging or telephone provider.

Service Type: SMTP

The **SMTP Server** field specifies the SMTP server for delivering email and short messages to cell telephones.

The **E-Mail Address** field is the From email address. It will be shown in emails as the From Address.

The **E-Mail From** field can be used to attach your business or agency name and/or abbreviation. This field will be shown in the e-mail From field.

The **SMTP Port** defaults to port 25. If your ISP uses a different port, enter that port number in this field.

Hint: SSL (secure) connections use port 465 or 587.

Some ISPs require that you authenticate your connection when you connect to their SMTP servers. If your ISP has this requirement, enter your **User Name**, **Password** and select the authentication **Method**.

Hint: Use the SMTP authentication fields if they are required, otherwise leave them blank. If your ISP does not require authentication and you enter a user name and password, connection attempts to your email server will fail.

Hint: The default authentication method is Password. This setting is used by most servers.

You can optionally select CRAM or NTLM based on your servers requirements.

If your email server requires a secure connection, set the **SSL Required** field to Auto, Implicit or Explicit. The Auto setting will work for most secure email servers.

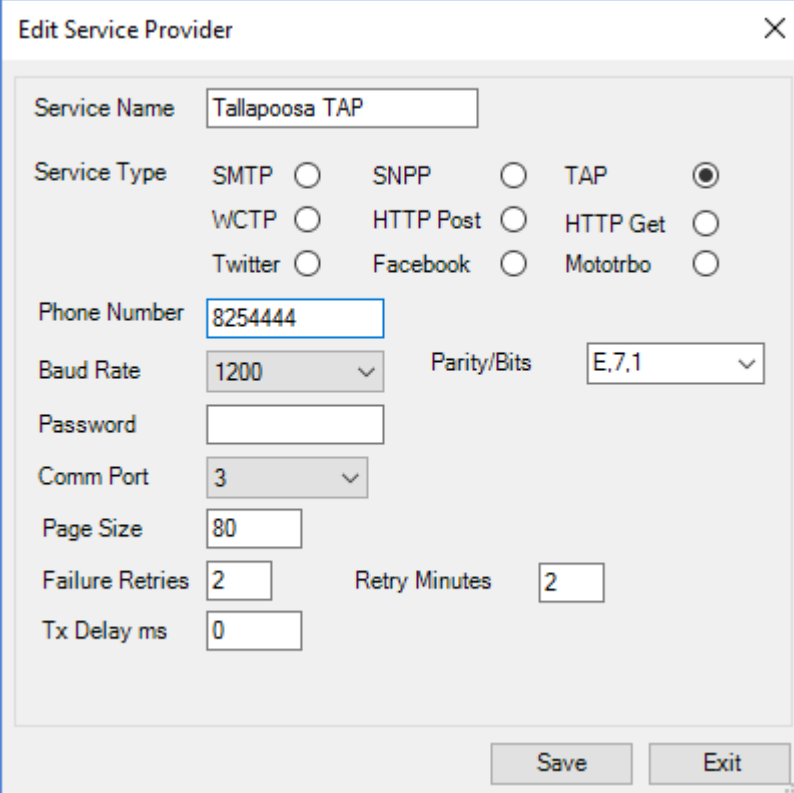
Hint: The Implicit setting starts the connection to the server with a secure channel. The Explicit settings starts the connection to the server with an unsecured channel, then uses the STARTTLS command to switch to a secure channel. Google's port 465 uses Auto or Implicit. Google's port 587 uses Explicit.

In the event that an email message cannot be delivered, you can specify the number of times the software will attempt to deliver the message. Enter the number of retries in the **Failure Retries** field. Enter the number of minutes between retries in the **Retry Minutes** field.

Most paging devices have a limitation on the number of characters they can receive in one page. If your provider has a limit on the size of messages, this limit should be entered in the **Page Size** field. Entering 0 (zero) will tell the system to not break the message down into packets.

Hint: Some paging companies restrict the message size that can be sent to their pagers. If you exceed the size limitation the page request may be refused or rejected by the paging company. If your page requests are being rejected, try a shorter message length.

Service Type: TAP



Edit Service Provider

Service Name: Tallapoosa TAP

Service Type: SMTP ☐ SNPP ☐ TAP ☒ WCTP ☐ HTTP Post ☐ HTTP Get ☐ Twitter ☐ Facebook ☐ Mototrbo ☐

Phone Number: 8254444

Baud Rate: 1200 Parity/Bits: E,7,1

Password:

Comm Port: 3

Page Size: 80

Failure Retries: 2 Retry Minutes: 2

Tx Delay ms: 0

Save Exit

The **Phone Number** field specifies the telephone number of the TAP paging terminal. For direct connections, leave this field blank.

Select the **Baud Rate**, **Parity/Bits** for the selected **Comm Port** (serial port).

If the TAP paging terminal requires a password, enter the **Password**.

Most paging devices have a limitation on the number of characters they can receive in one page. If your provider has a limit on the size of messages, this limit should be entered in the **Maximum Page Size** field. Entering 0 (zero) will tell the system to not break the message down into packets.

Hint: Some paging companies restrict the message size that can be sent to their pagers. If you exceed the size limitation the page request may be refused or rejected by the paging company. If your page requests are being rejected, try a shorter message length.

Note: Due to message size limitations for the TAP protocol, you will be required to enter a maximum page size between 1 and 240 characters.

In the event that a page cannot be delivered, you can specify the number of times the software will attempt to deliver the message. Enter the number of retries in the **Failure Retries** field. Enter the number of minutes between retries in the **Retry Minutes** field.

Note: For the TAP protocol, the Failure Retries field is used to specify the number of times that the program will attempt to connect to your paging provider when their modem line number is busy.

The **Tx Delay ms** field specifies the amount of time, in milliseconds, to pause between consecutive pages. Some paging terminals, like Visiplex, require a six second delay between messages.

Service Type: SNPP, WCTP, HTTP Post, HTTP Get

Edit Service Provider

Service Name:

Service Type: SMTP ☐ SNPP ☒ TAP ☐
WCTP ☐ HTTP Post ☐ HTTP Get ☐
Twitter ☐ Facebook ☐ Mototrbo ☐

Server:

Port:

User Name: Password:

Page Size:

Failure Retries: Retry Minutes:

HTTP Post Variables:

Save Exit

The **Server** field specifies the server address for delivering messages.

The **Port** defaults to port 444 for SNPP and port 80 for HTTP. Enter the port required for your provider.

Most paging devices have a limitation on the number of characters they can receive in one page. If your provider has a limit on the size of messages, this limit is should be entered in the **Maximum Page Size** field. Entering 0 (zero) will tell the system to not break the message down into packets.

Hint: *Some paging companies restrict the message size that can be sent to their pagers. If you exceed the size limitation the page request may be refused or rejected by the paging company. If your page requests are being rejected, try a shorter message length.*

In the event that a page cannot be delivered, you can specify the number of times the software will attempt to deliver the message. Enter the number of retries in the **Failure Retries** field. Enter the number of minutes between retries in the **Retry Minutes** field.

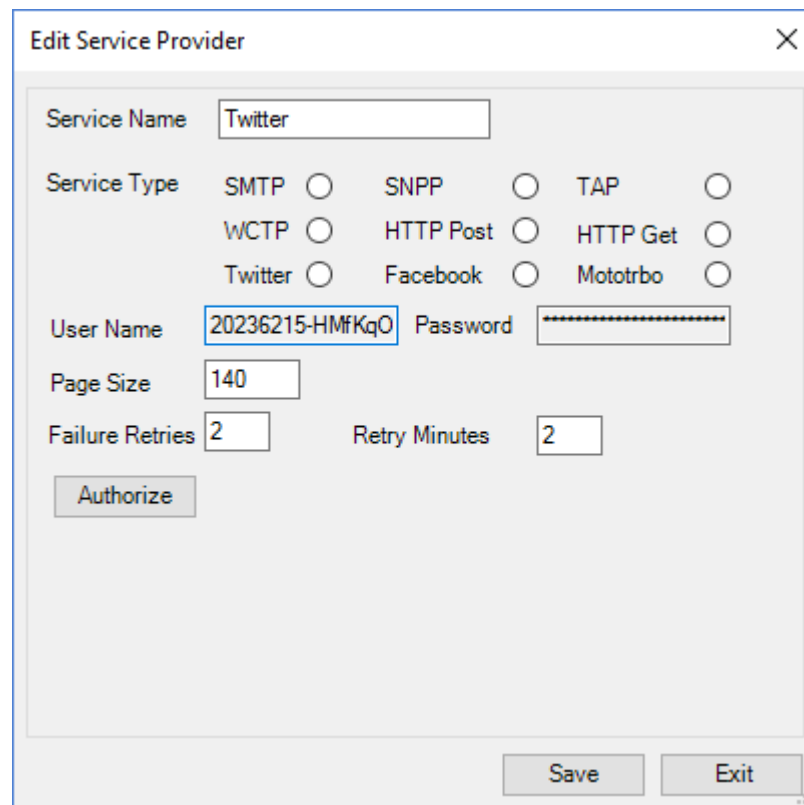
The HTTP Post and HTTP Get option allows you to interface directly with a web page or web server. The Post option posts variables to the web server. The Get option URL encodes the variables before appending them to the http address. These options require a good understanding of posting data to web servers and the paging providers webpage. It is beyond the scope of this manual to describe these requirements. If you have questions contact Weather Message Support.

For HTTP, you must enter the information and variables to be posted or URL encoded to the HTTP server. Enter the required information in the HTTP Post Variables field. They are entered in the format variable=value. Three replacement variables are available to insert the pager pin, group name and message. Use the variable \$Pin\$ to insert the pager pin, \$Group\$ to insert the paging group name, and \$Message\$ to insert the pager message.

The following is an example of the variables needed for the SouthernLinc HTTP server.

```
PageArea1=
PageNum1=$Pin$
From=EMWIN
PageMsg=$Message$
NumChars=
Page=Send Message
```

Service Type: Twitter



Service Name: Twitter

Service Type:

- SMTP ☐ SNPP ☐ TAP ☐
- WCTP ☐ HTTP Post ☐ HTTP Get ☐
- Twitter ☐ Facebook ☐ Mototrbo ☐

User Name: 20236215-HMfKqO Password: *****

Page Size: 140

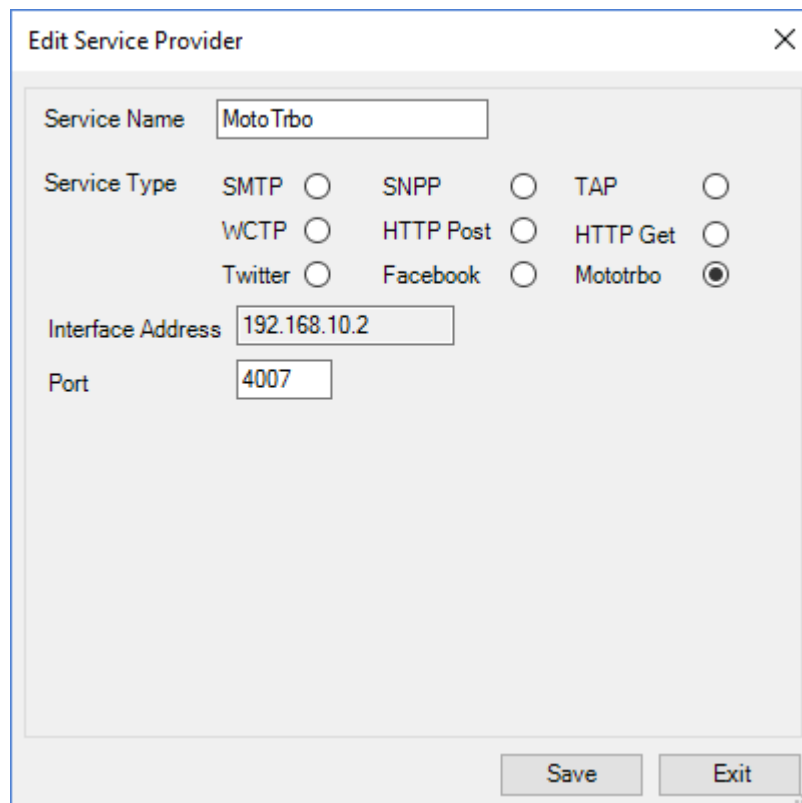
Failure Retries: 2 Retry Minutes: 2

Authorize

Save Exit

Click the **Authorize** button to launch a window to authorize Twitter.

Service Type: Mototrbo



The screenshot shows a window titled "Edit Service Provider". It contains the following fields and options:

- Service Name:** A text box containing "MotoTrbo".
- Service Type:** A group of radio buttons with the following options:
 - SMTP ☐
 - SNPP ☐
 - TAP ☐
 - WCTP ☐
 - HTTP Post ☐
 - HTTP Get ☐
 - Twitter ☐
 - Facebook ☐
 - Mototrbo ☒
- Interface Address:** A text box containing "192.168.10.2".
- Port:** A text box containing "4007".
- Buttons:** "Save" and "Exit" buttons at the bottom right.

The **Interface Address** field specifies the ip address for the Mototrbo® interface.

The **Port** should be set to the Mototrbo® texting port. The default is 4007.

2.5 Users and Groups

emPager Pro uses the concept of Users and Groups. Users define the individuals that will receive a page. Users can be associated with different [Service Providers](#).

Groups are composed of individual Users. These users are called members. This allows you to associate members with different groups that will receive messages. Users can be members of multiple groups.

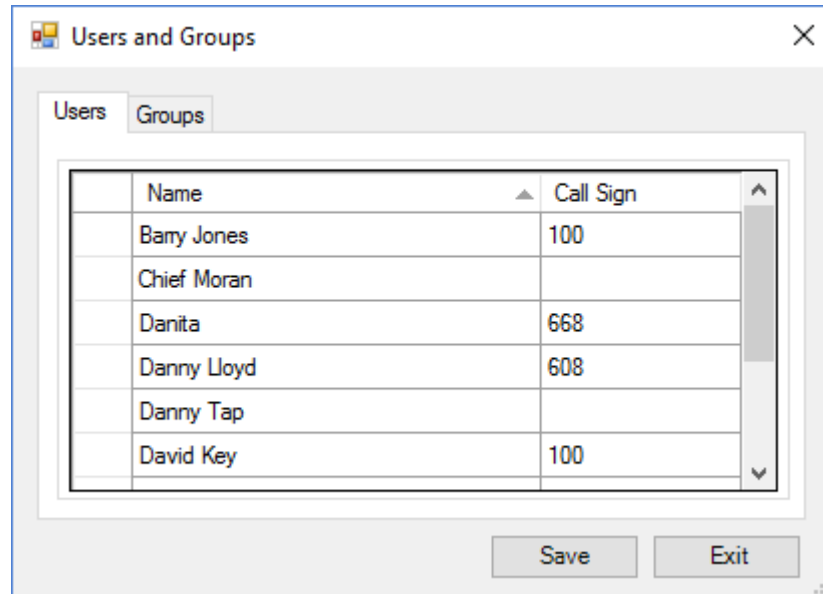
Groups can have regular members and conditional members. Regular members will always receive a message. Conditional members receive messages when a pre-determined condition is met. The emPager Pro Client's quick buttons can be configured to trigger the conditional members.

A good example of conditional members is the concept of automatic aid used for fire departments. For routine calls, only the regular members receive messages. However, when a structure fire is reported, the regular and conditional members need to receive the call.

Hint: *Service Providers must be established before adding users and groups.*

2.5.1 Users Tab

The Users Tab is used to establish and maintain your users.



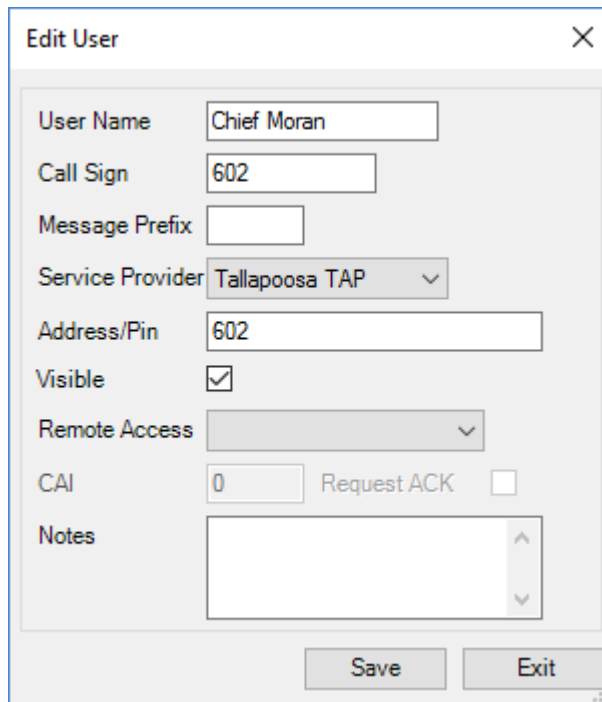
To edit an existing user, double click the user. For other options, select the user and right click to see these menu options.

Add
Edit
Delete

- The **Add** option will add a new user.
- The **Edit** option will edit the selected user.
- The **Delete** option will delete the selected user.

2.5.1.1 User

The Edit User window allows you to establish and maintain a user.



Enter the **User Name**. The User Name will be displayed in the emPager Pro Client.

Optionally enter a **Call Sign** for the user. The emPager Pro Client can optionally display this call sign in the list of users.

Optionally enter a **Message Prefix**. The Message Prefix is prepended to the sent message.

Select a **Service Provider** from the drop down list. See the [Service Providers](#) section for more information on establishing service providers.

Enter the email **address** or **pin** for this user. For email users, click on the @ button to see a list of [Phone Provider Formats](#).

The **Visible** check box determines whether this user is displayed in the emPager Pro Client user list. When users are associated with a group, it may not be desirable to see the user in emPager Pro Client. Regardless of this setting the user can be associated with one or more groups.

The **Remote Access** field allows you to enable this entry for remote access. The dropdown shows a list of remote access users. Leave this field blank to disable remote access.

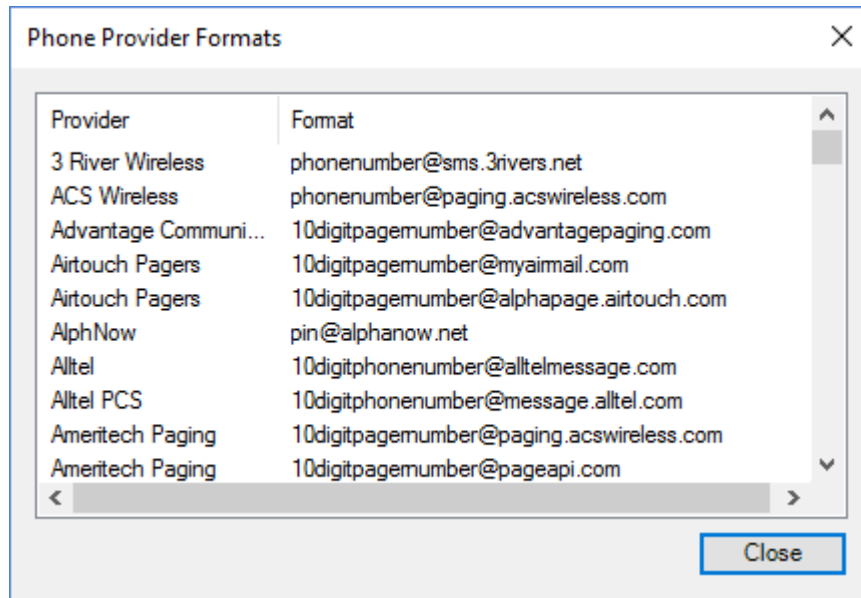
Note: If you associate a remote access user with multiple users, each user will be activated when the remote access user sends a message.

For Mototrbo® providers, you can specify the **CAI** (Common Air Interface) number assigned to the radio network. The **Request ACK** allows you to specify where an acknowledgement should be requested for each sent message.

The **Notes** text box allows you to enter any miscellaneous notes about this user.

2.5.1.2 Phone Provider Formats

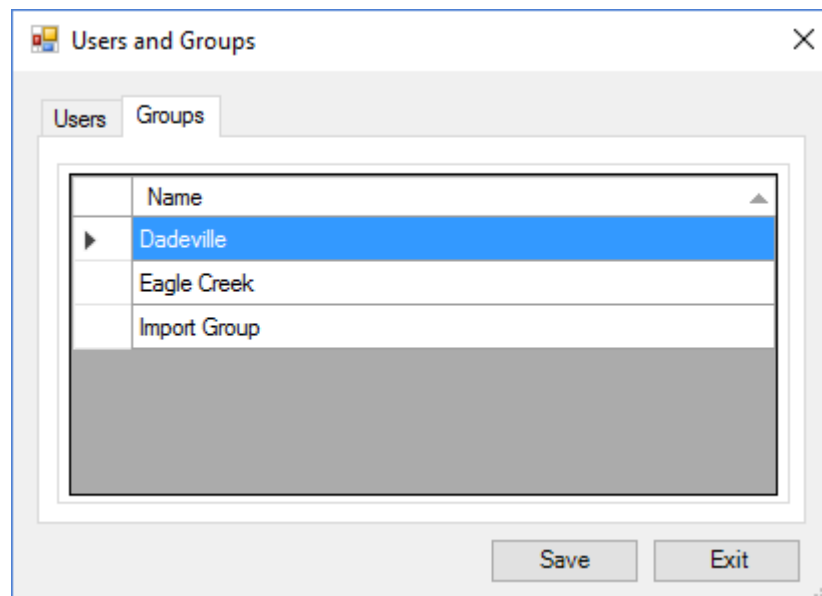
The Phone Provider Formats window displays the email format for messaging by email. This format is used to enter the user's associated telephone number and address.



If this list does not contain your Phone Provider, contact Weather Message for assistance.

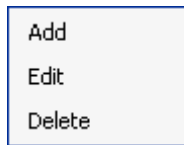
2.5.2 Groups Tab

The Groups Tab is used to establish and maintain groups.



To edit an existing group, double click the group. For other options, select the group and right

click to see these menu options.

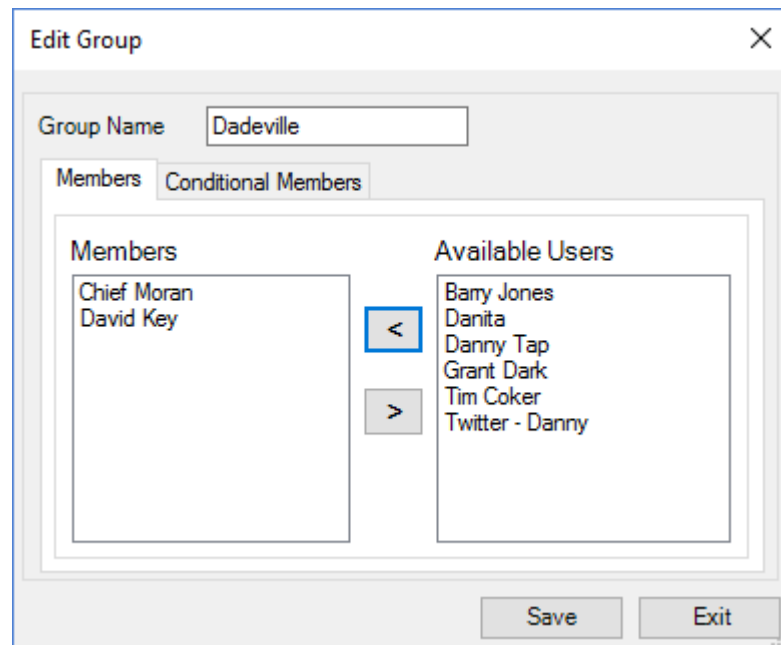


- The **Add** option will add a new group.
- The **Edit** option will edit the selected group.
- The **Delete** option will delete the selected group.

Hint: *Users must be established before adding groups.*

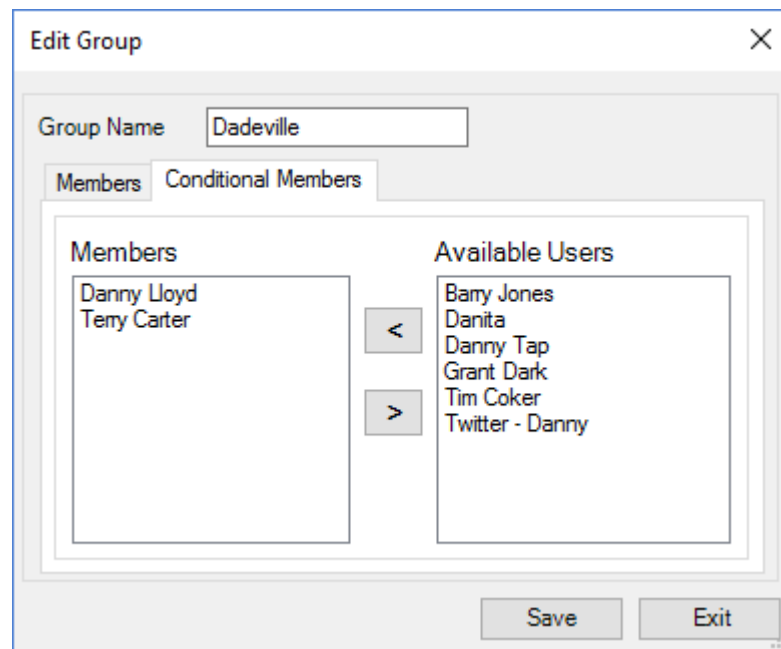
2.5.2.1 Group

The Edit Group window allows you to establish and maintain a group.



Enter a name for the group. The **Group Name** will be displayed in the emPager Pro Client.

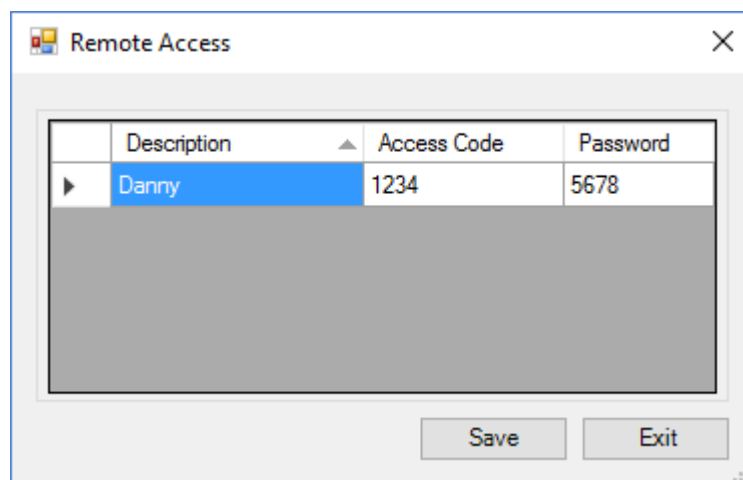
The Members tab contains the regular members. Regular members will always receive the message. To select members click on one or more available users and click the < button. To remove members, select one or more members and click the > button.



The Conditional Members tab contains the conditional members. Conditional members will receive a message when a predefined condition is met. To select members click on one or more available users and click the < button. To remove members, select one or more members and click the > button.

2.6 Remote Access

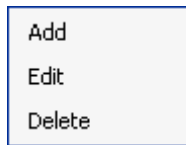
The Remote Access window is used to establish and maintain your remote access users. A remote access user can send specially crafted email message to send a message to associated users.



Multiple remote access users can be setup to for activation. When a properly crafted email is received, the system will activate each group associated with the remote access user.

To edit an existing remote user, double click the provider. For other options, select the provider

and right click to see these menu options.

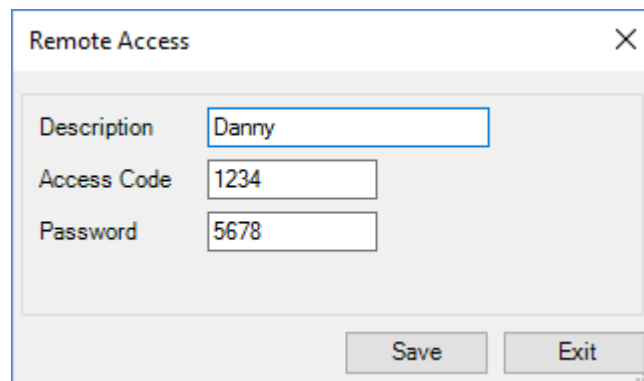


Activating by Email

To activate a user or group send an email to the configured [email address](#). Enter the access code followed by a "/" then the password in the subject line. In the body of the message enter the text to be sent.

2.6.1 Remote Access Entry

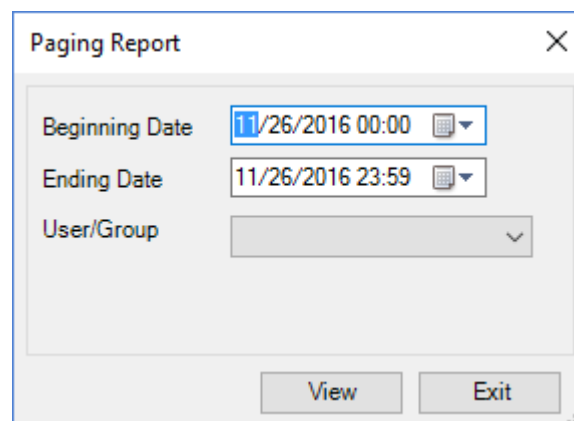
The Remote Access window allows you to establish and maintain remote access.

A screenshot of the "Remote Access" dialog box. It has a title bar with a close button (X). The dialog contains three labeled text input fields: "Description" with the text "Danny", "Access Code" with the text "1234", and "Password" with the text "5678". At the bottom right, there are two buttons: "Save" and "Exit".

Enter a **Description** for this remote access user. Enter their **Access Code** and **Password**.

2.7 Paging Report

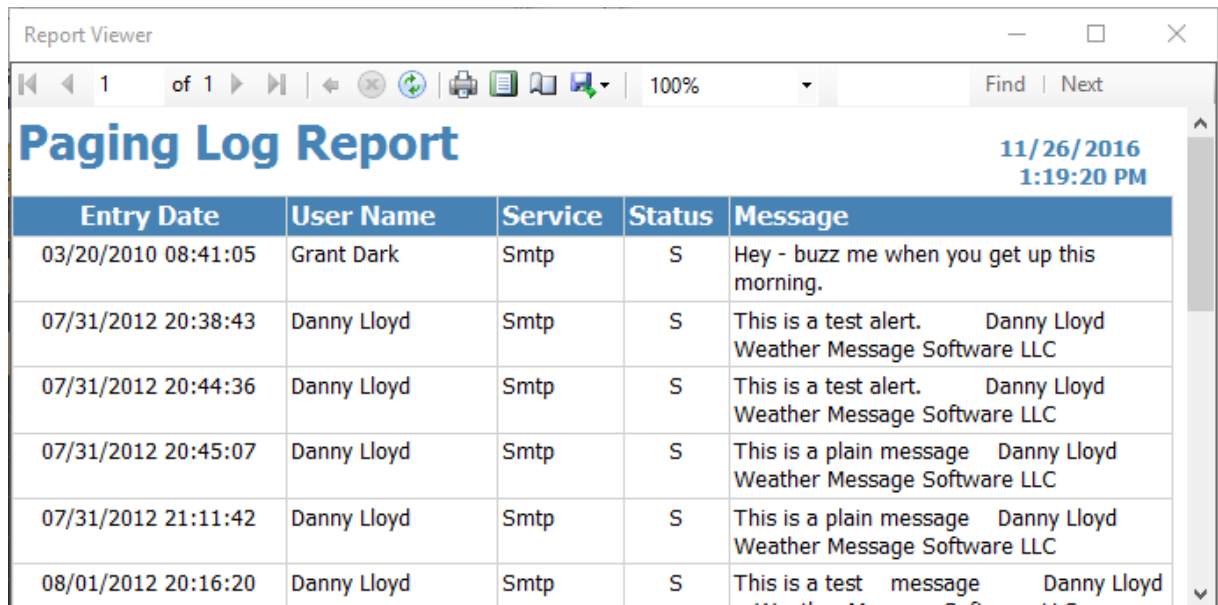
The Paging Report window allows you to run a report of pages sent.

A screenshot of the "Paging Report" dialog box. It has a title bar with a close button (X). The dialog contains three labeled input fields: "Beginning Date" with a date/time picker showing "11/26/2016 00:00", "Ending Date" with a date/time picker showing "11/26/2016 23:59", and "User/Group" with a dropdown menu. At the bottom right, there are two buttons: "View" and "Exit".

Enter a **Beginning** and **Ending Date** for the report. You can optionally select one **user** to report.

Click the **View** button to view the report.

The following is an example report generated by the system.



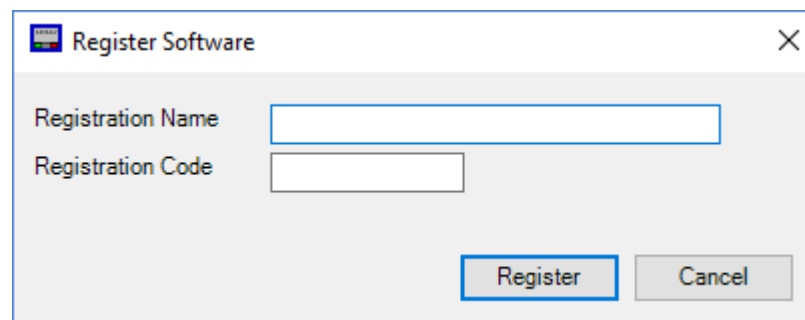
Entry Date	User Name	Service	Status	Message
03/20/2010 08:41:05	Grant Dark	Smt	S	Hey - buzz me when you get up this morning.
07/31/2012 20:38:43	Danny Lloyd	Smt	S	This is a test alert. Danny Lloyd Weather Message Software LLC
07/31/2012 20:44:36	Danny Lloyd	Smt	S	This is a test alert. Danny Lloyd Weather Message Software LLC
07/31/2012 20:45:07	Danny Lloyd	Smt	S	This is a plain message Danny Lloyd Weather Message Software LLC
07/31/2012 21:11:42	Danny Lloyd	Smt	S	This is a plain message Danny Lloyd Weather Message Software LLC
08/01/2012 20:16:20	Danny Lloyd	Smt	S	This is a test message Danny Lloyd Weather Message Software LLC

The report displays the entry date, user name, service type, status and message sent. The Status field contains these codes: S for successful, R for retry needed, and F for failed.

Use the buttons at the top of the window to navigate to different pages. These buttons also allow you to print the report or export it in CSV or PDF format.

2.8 Register Software

The Register menu option allows you to register your software.



Register Software

Registration Name

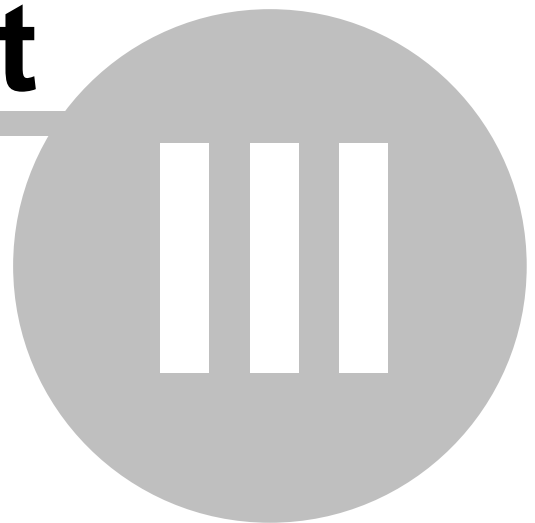
Registration Code

When you purchase emPager Pro, you will be supplied with a **Registration Name** and **Registration Code**. Enter these exactly as they are printed. These fields are case sensitive.

After the software is registered, we recommend that you stop and restart the software.

To purchase the software go to <http://www.wxmesg.com/purchpay.htm>.

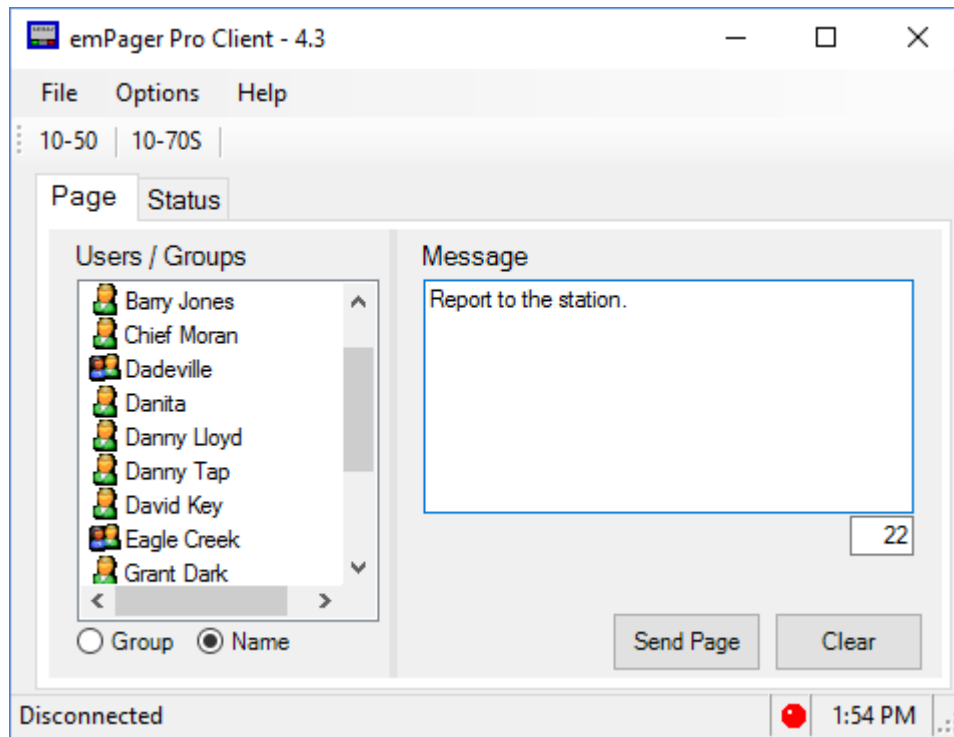
Part



3 emPager Pro Client

3.1 Overview

emPager Pro Client is used to send messages to individuals and/or groups. The Client can be installed on each computer that needs that ability to quickly send messages.



When emPager Pro Client is first started, it connects to the emPager Pro Server. The Server sends a list of available Users and Groups. These appear in the Users/Groups list box. Groups are indicated with the two people icon. Individuals are indicated with the single person icon.

Hint: Before emPager Pro Client can connect to the emPager Pro Server, you must enter the [Server Address](#).

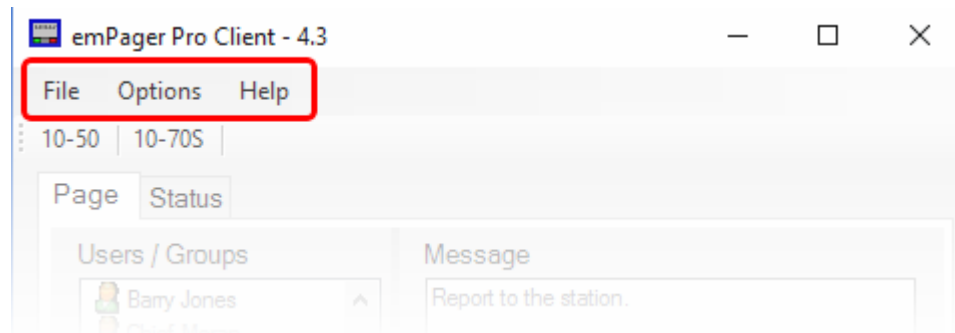
Hint: If a red LED appears in the status bar, the program is not communicating with the emPager Pro Server. emPager Pro Server must be running for the clients to send messages.

The Status tab is used to view the status of messages. It also shows acknowledgements from Mototrbo® radios.

For detailed instructions on sending messages, see the [Sending a Message](#) section.

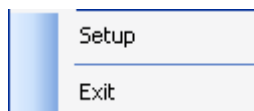
Copyright © 2017 Weather Message Software LLC

3.2 Menu Options



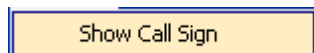
The menu buttons on this screen perform these functions:

The **File** menu allows you to setup program options and exit the program.

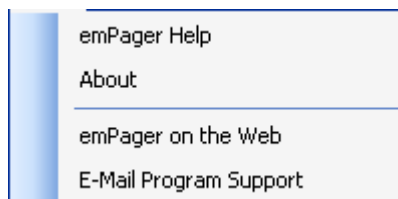


- The **Setup** option opens the [Setup window](#).
- The **Exit** option stops emPager Client.

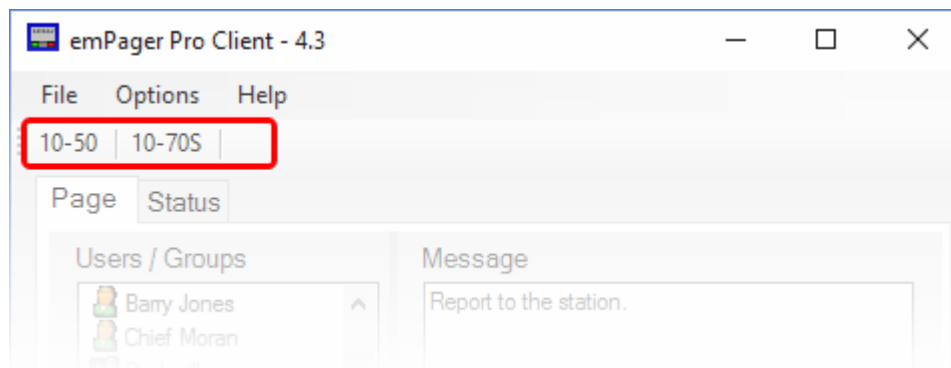
The **Options** menu allows you to select specific user preferences. To show the Call Signs associated with each individual, click the **Show Call Sign** option.



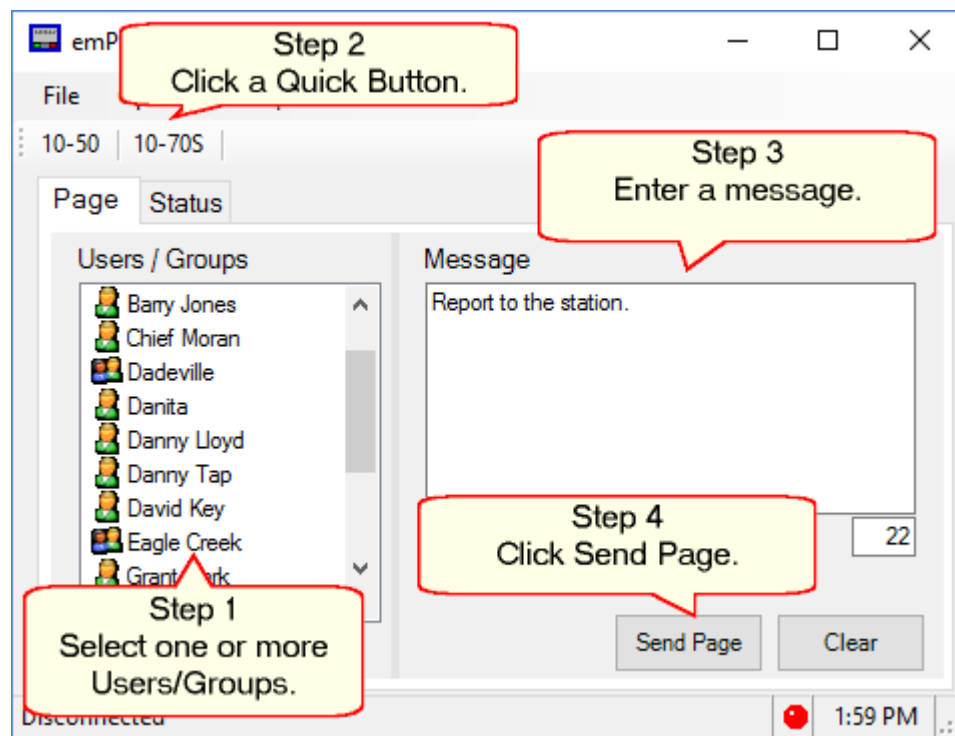
The **Help** menu allows you to see this manual, and display information about the program.



Quick Buttons appear below the File menu option. The Client supports up to 5 different Quick Buttons. These buttons can be setup with different routine messages to reduce the amount of typing. The Quick Buttons can also be programmed to activate conditional group members.



3.3 Sending a Message



Sending Messages

Step 1

To send a message, select one or more Users and/or Groups. Multiple selections can be made by holding down the control key and clicking multiple entries. When a User or Group is selected, the name is highlighted.

Step 2

If needed, click a Quick Button. Quick Buttons can be used to quickly insert common messages. Quick Buttons can also be programmed to activate conditional members. See [Quick Buttons](#) for more information.

Hint: When the Quick Button is used, the user can change the message.

Hint: If the Activate Conditional Members option is checked for a Quick Button, a red message will be displayed informing the user that conditional members will be activated.

Step 3

Enter a message to send. The number of characters typed will appear below the Message box.

Step 4

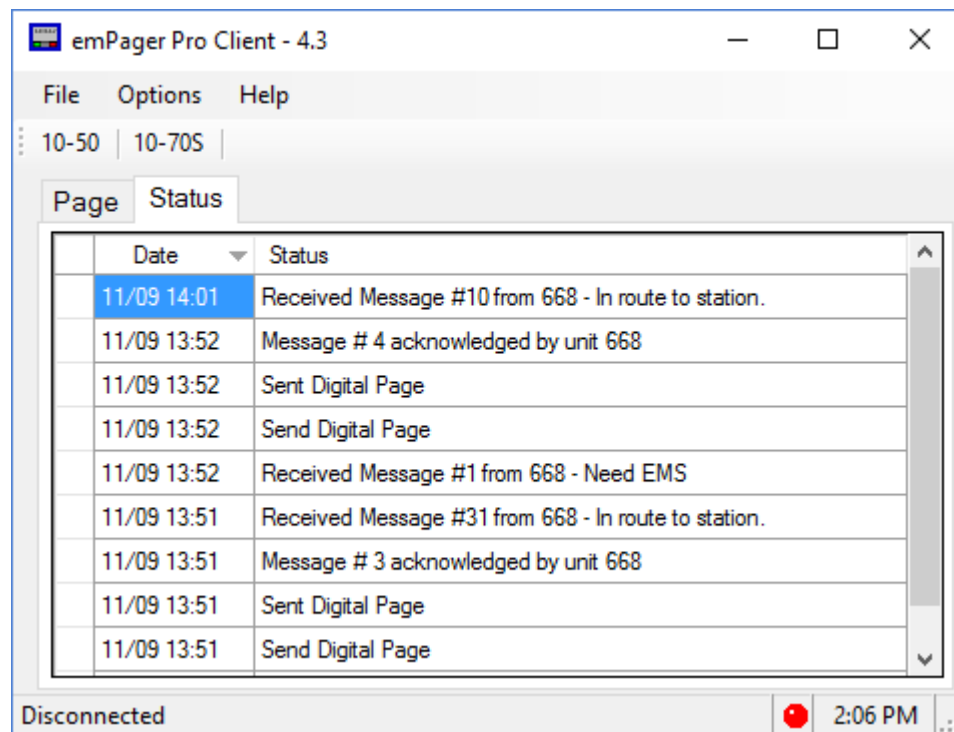
Click the Send Page button to send the message. The status bar will display the message "Page sent for processing ... ". When the message is sent by emPager Pro Server, the status bar will display the message "Page Sent".

Hint: If a red LED appears in the status bar, the program is not communicating with the emPager Pro Server. emPager Pro Server must be running for the clients to send messages.

Hint: Once a message has been sent, the selected Users/Groups and Message can be cleared by clicking the Clear button. This can occur automatically by changing the [Reset on Send](#) option in Setup.

Status Messages

If the system cannot deliver the message to the provider associated with the user or group, a message will be displayed. This alerts the user to a possible Internet connectivity or paging terminal error. To see status message click the Status tab.

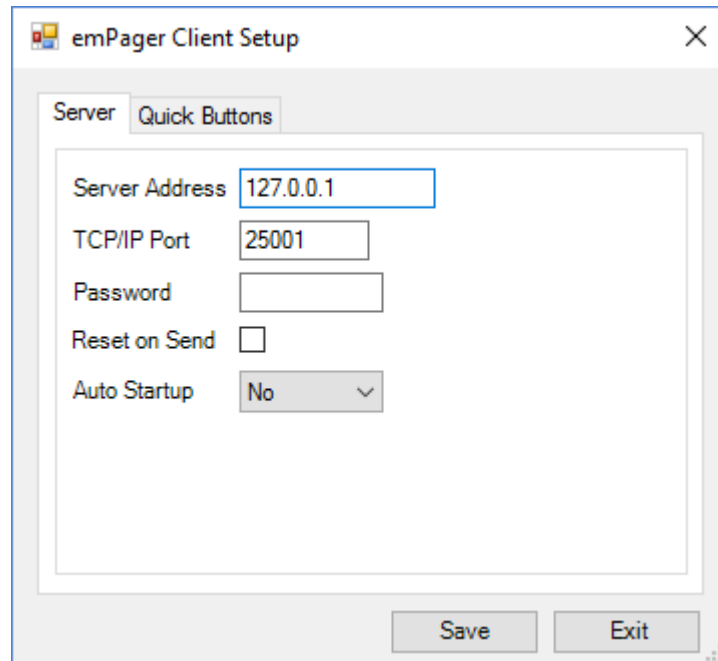


Mototrbo® radios can send responses. These responses are displayed on this tab.

3.4 Setup

3.4.1 Server Tab

The Server Tab is used to define general program operation.

The image shows a screenshot of the 'emPager Client Setup' dialog box. The 'Server' tab is selected, and the 'Quick Buttons' sub-tab is also visible. The 'Server Address' field is highlighted with a blue border and contains the text '127.0.0.1'. Below it, the 'TCP/IP Port' field contains '25001'. The 'Password' field is empty. The 'Reset on Send' checkbox is unchecked. The 'Auto Startup' dropdown menu is set to 'No'. At the bottom right, there are 'Save' and 'Exit' buttons.

The **Server Address** is the address of the emPager Pro Server. Enter the address of your server in this field.

Note: When this field is left blank, the client will try to discover the address and port of the emPager Server. If your server is on the same local network as the client, it will automatically obtain the address and port. If the client is running on a different network, you will need to enter the address and port of the server.

The **TCP/IP Port** is the port defined in emPager Pro Server for connections. The default is 25001.

The **Password**, if entered, will cause the Client to prompt the user for a password before allowing changes in Setup.

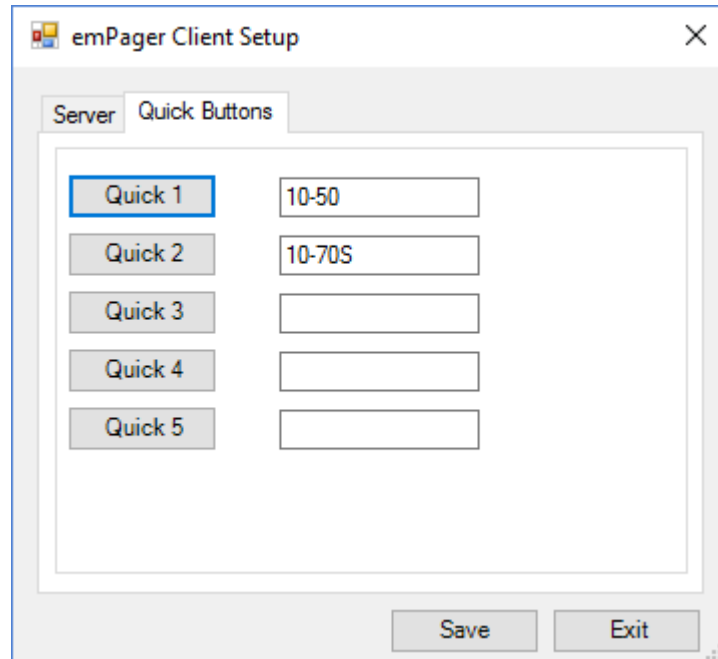
The **Reset on Send** option, when checked, will cause the system to automatically reset the selected User/Groups and Message when Send Page is clicked.

The **Auto Startup** option allows you to specify whether emPager Pro Client is automatically started when Windows starts. The options are No; Yes, for the current user; and Everyone, for any user.

Note: The options available for **Auto Startup** are based on your user permissions. Administrator and Power users will have all of the options. Other users may only have the Yes option.

3.4.2 Quick Buttons Tab

The Quick Button Tab is used to define Quick Buttons.



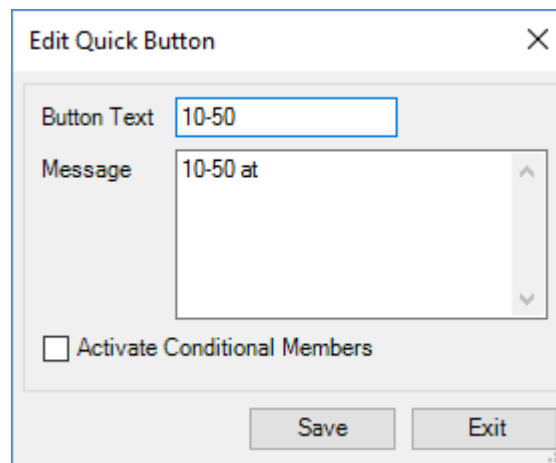
Quick Buttons are used to enter predefined messages. These can be as simple as "Call the office." or more complex depending on your requirements. When a button is defined, it appears in the [tool bar](#) below the File menu option.

For each button, you can define the text that appears for the button, the message that will be automatically entered, and whether the button activates conditional members of groups.

To add, change or delete a button, click the button. The [Edit Quick Button](#) window will be displayed.

3.4.2.1 Quick Button

The Edit Quick Button window is used to add, change, or delete a quick button.



The screenshot shows a dialog box titled "Edit Quick Button" with a close button (X) in the top right corner. Inside the dialog, there are two main input fields: "Button Text" and "Message". The "Button Text" field is a single-line text box containing the text "10-50". The "Message" field is a multi-line text area containing the text "10-50 at". Below these fields is a checkbox labeled "Activate Conditional Members", which is currently unchecked. At the bottom right of the dialog are two buttons: "Save" and "Exit".

In the **Button Text** field, enter the text that will be displayed in the [tool bar](#). This should be a short message. Long text will take up the room available for quick buttons.

In the **Message** field, enter the text that you want automatically entered in the message box.

Hint: *When the Quick Button is used to send a message, the user will have the ability to change the message.*

The **Activate Conditional Members** check box, when checked, will cause the system to send messages to any conditional members associated with a selected group.

Note: *This option has no effect on selected individuals.*

A good example of conditional members is the concept of automatic aid used for fire departments. For routine calls, only the regular members receive messages. However, when a structure fire is reported, the regular and conditional members need to receive the call. In this case a Quick Button could be programmed with the words Structure Fire and the Activate Conditional Members option checked.

Part

IV

4 Supplement

4.1 Sending Tweets using Twitter

emPager supports sending tweets to [Twitter™](#). This ability is possible by using the http post option in the [Service Providers](#) setup.

To setup emPager for Twitter, you need to setup a Twitter service provider and a Twitter user. The following procedure outlines these steps.

Create a Twitter Service Provider

Open emPager Server, Click File, then [Service Providers](#). Right click in the grid and click Add, the [Service Provider](#) window will appear. Fill out the screen as shown below.

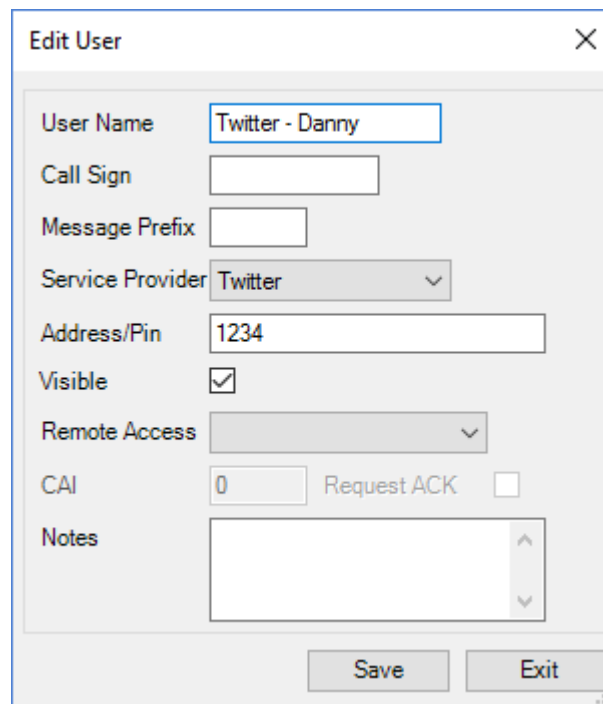
The screenshot shows the 'Edit Service Provider' dialog box. The 'Service Name' field is set to 'Twitter'. Under 'Service Type', the 'Twitter' radio button is selected. The 'User Name' field contains 'ib5oRY2AoijhvRs3' and the 'Password' field is masked with asterisks. The 'Page Size' is set to '140', 'Failure Retries' is '2', and 'Retry Minutes' is '2'. An 'Authorize' button is located below the 'Failure Retries' field. At the bottom right, there are 'Save' and 'Exit' buttons.

Click the **Authorize** button to authorize Twitter.

After entering the above information, click Save. Click Save again to save the service providers.

Create a Twitter User

Click File, then [Users and Groups](#). On the Users Tab, right click in the grid and click Add, the [User](#) window will appear. Fill out the screen as shown below.



The screenshot shows a software window titled "Edit User". Inside the window, there are several input fields and controls. The "User Name" field contains the text "Twitter - Danny". The "Call Sign" and "Message Prefix" fields are empty. The "Service Provider" is set to "Twitter" via a dropdown menu. The "Address/Pin" field contains the number "1234". The "Visible" checkbox is checked. The "Remote Access" field is a dropdown menu. The "CAI" field has the value "0", and there is a "Request ACK" checkbox. Below these is a "Notes" text area. At the bottom right of the window are "Save" and "Exit" buttons.

Enter a **User Name** for the Twitter User.

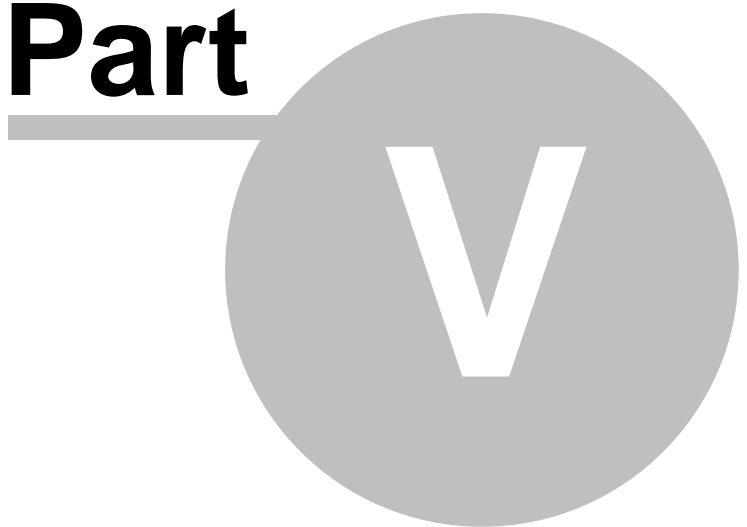
Set the **Service Provider** to the Twitter Service.

The **Address/Pin** needs one Pin number to operate properly, we suggest 1234. The Pin is not used by Twitter.

After entering the above information, click Save. Click Save again to save the user.

You can now send tweets using this Twitter user. This user can also be associated with any group.

Part



5 Software License

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