



Instruments

Wireless SMS Messaging

Features

and

Benefits



Features:

Version 6.18 allows the developer to use Win-911 with various wireless technologies. WIN-911/TEP offers voice notification of alarms as well as the ability to: acknowledge alarms, access reports and change analog and digital set points. All this can be done with your mobile phone as well as landline phones. In addition, text alarm messages to your mobile phone are possible using SMS.

Understandably, this wireless messaging capability is quickly obsoleting the older pager technology. No longer do you need to carry both a mobile phone and an alphanumeric pager.

SMS or short message service is a mechanism to deliver short text messages over digital cellular networks. It is a store and forward way of transmitting messages to digital cellular phones.

Many digital cellular service providers offer e-mail service over SMS. Users are assigned an e-mail address at signup and any message delivered to that email account is converted to short messages and delivered to the mobile phone. This is referred to as an “SMS Gateway”.

Show Me:

The message, text only and limited to 160 characters, is stored in a central short message center which then forwards it to the destination mobile phone. Most all SMS services will provide a Gateway.

Once an “Email over SMS” account is established with a Cellular Service Provider you can **use the Win-911 Email client to send alarms to a mobile phone.**

(Please note that Release 6.18 of WIN-911 does not support SMS directly; all messages must be routed through the Gateway.)

Win-911 requires an “constant connection” (DSL, Cable, T1...) Internet or network connection for Email alarm notification.

In the Configurator, Select the “Mail Box” icon.



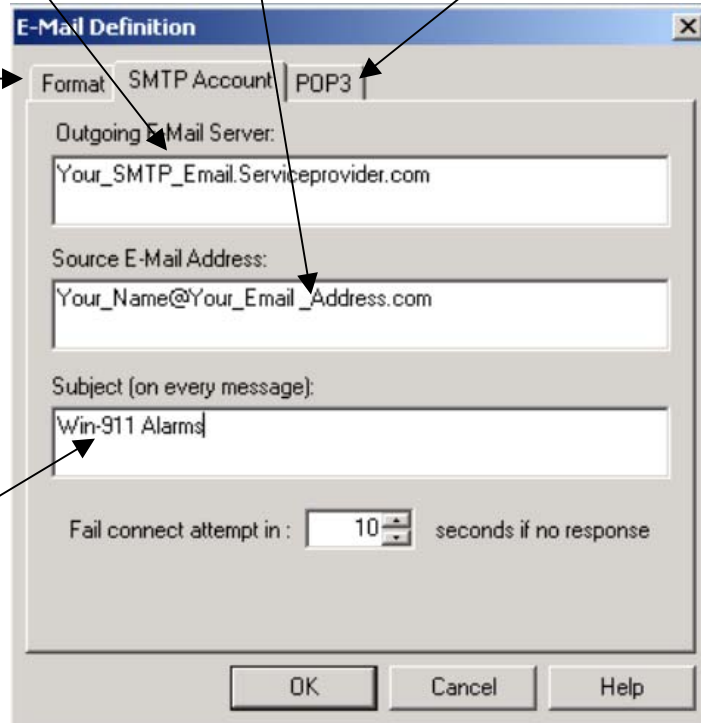
Enter the SMTP information about your Email server.

And add the WIN-911 "Source" E-Mail address

POP3 is generally only needed for e-mail providers which require checking for mail prior to sending. Check with your Internet provider or your I.T. Department.

You may also want to format the WIN-911 text string by selecting the items of the alarm message to include in the 160-character SMS packet. (Default settings will not include time, date, tagname, engineering units, or alarm limit information in the message, but can be added.).

Also, you may select a "Common Subject" for each WIN-911 alarm to identify it differently from other messages



The 'E-Mail Definition' dialog box has three tabs: 'Format', 'SMTP Account', and 'POP3'. The 'SMTP Account' tab is active. It contains the following fields:

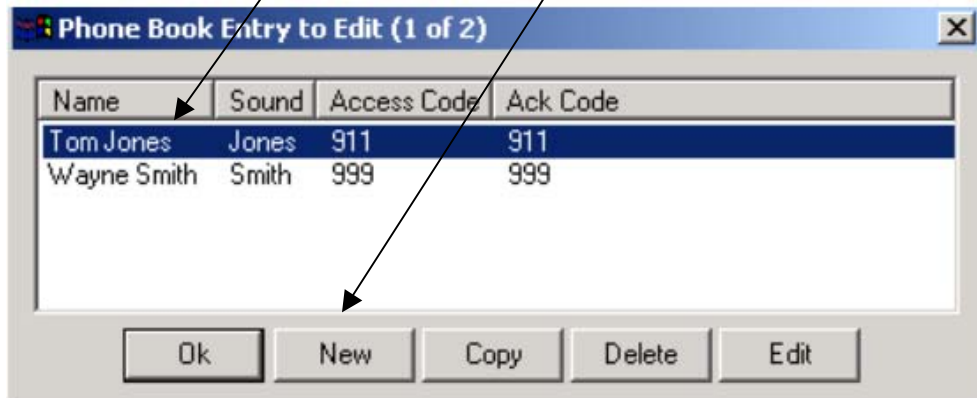
- Outgoing E-Mail Server:** Your_SMTP_Email.Serviceprovider.com
- Source E-Mail Address:** Your_Name@Your_Email_Address.com
- Subject (on every message):** Win-911 Alarms
- Fail connect attempt in :** 10 seconds if no response

At the bottom are 'OK', 'Cancel', and 'Help' buttons.

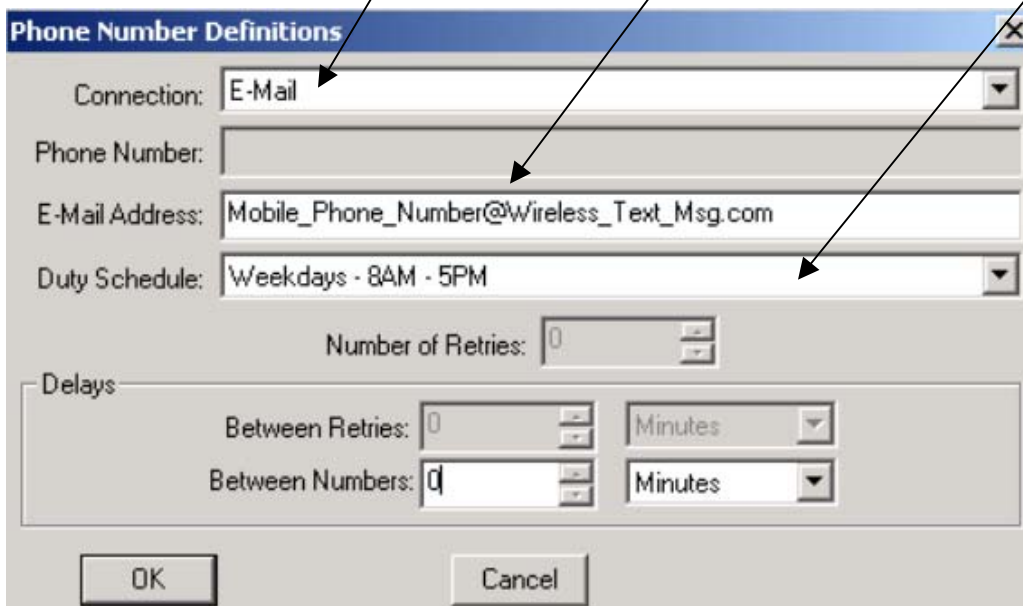
Select the Address Book Icon in Configuration Definitions.



Then select user name, or create a new one.



Create a new connection and chose E-Mail from drop-down selections. Enter the e-mail address of the digital phone assigned to you by the wireless service provider. And select the duty schedule for this connection.



As a final step, be sure to assign this user to any, and all, Group(s) for which you want an SMS message to be sent.

Benefits:

The user may now choose from an ever-growing list of remote alarm notification options, including SMS text messaging. This option will allow users to modernize plant communications by taking advantage of the latest wireless technology while saving the cost of separate pager systems.

And it all comes as a standard feature with Version 6.18.