Tactical Addresses
Paclink AGW (and future Paclink versions) provides a
gateway between a number of user email clients (such as MS
Outlook, MS Outlook Express, Eudora, Netscape, and other
mail programs) and the WL2K system. The initial
installation of Paclink dictates that a proper radio
callsign be assigned for communications with WL2K and this
call by default also becomes the account name for a mail
client. The email account is required and cannot be
deleted.
Paclink may be configured to accommodate any number of
additional mail clients in addition to the default. These
clients will typically have account names that are not
radio callsigns. We call these account names tactical
addresses since they are used to route messages through
the WL2K system.
In order to accommodate the dynamic routing features of
WL2K tactical addresses are limited to certain formats that
distinguish tactical addresses from radio callsigns. A
tactical address may consist of alpha characters only or
else of alpha characters, followed by a dash, followed by
alphanumeric characters. A name may not exceed 12
characters. Valid examples: MLBShelter, RedCross-123,
Police-99A. Invalid examples: W1ABC, K3DEF-1, (radio call
signs)."

How is a tactical address created?
First of all Paclink must be installed and the Paclink
POP3/SMTP Postoffice configured with the radio callsign
that is used to communication with WL2K. In addition, at
least while setting up tactical addresses Paclink needs
access to Internet.
Before going further let s clear up some terminology. A
tactical address, an email user name, and an email account
name are all names for the same thing. Don t let the
different names confuse you.
When adding a tactical address you are actually creating an
email account. Open the Paclink POP3/SMTP Postoffice
windows and click on Accounts . Type in the tactical
address (account name) and a password for accessing mail
addresses to that tactical address.
Click on the Add New Account button. Upon clicking this
button Paclink accesses the master WL2K database and
registers the tactical address or, if the address is
already in use, rejects your choice and advises you that
the address is in use. You may also use this dialog box to
delete a tactical address you have created or to change the
password.
Once you add a new account the Add or Update the Account
to Outlook Express button will be activated. If you click
on this button the Outlook Express email client on the
local computer will be preset for that account name used.
This will not configure Outlook Express on any remote
computer or for any other email client program.
It is also possible to create a new tactical address in an
emergency when no Internet connection is available. In that

case the address will only be recognized within the range of the local PMBO. The WL2K network administrator can add it to the master WL2K database manually for global coverage. Plan ahead don t wait until Internet is down to start configuration of your Paclink installation!

How are tactical addresses routed?
The full Internet address for a tactical address is ***<tactical address>@Winlink.org***. The ***@Winlink.org*** must be included when sending a message to a tactical address from any email client. When using AirMail or other direct radio client the ***@Winlink.org*** is optional and it is best not to include it.
Once a tactical address is created it is important that at least one message be sent from that address even if it is to a non-existent Internet address. The passage of a message from a tactical address client (or any other user for that matter) establishes the return route for return messages. Routing is always dynamic within WL2K and routing is always based where a given tactical address or radio callsign has been seen by the system. Routing has a timeto-live of typically about three months. It is message flow that keeps the routing system alive. Use it or lose it.

Can I change the radio callsign for a Paclink site?
Yes, but as soon as the callsign is changed each and every client using that Paclink site must send a message through the WL2K system to reestablish message routing. If this is not done messages will be misrouted to the old callsign.

Can a tactical address be used with more than one Paclink site?
No. If you want to move a tactical address from one site to another it must first be deleted from where it is in use and reentered at the new site. Once the address is reentered a message must be sent from that address to establish routing.

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