

# WinLink 2000

Winlink 2000 (WL2K) is a worldwide system of volunteer resources supporting e-mail by radio, with non-commercial links to internet e-mail. These resources come from Amateur Radio, the Military Affiliate Radio Systems (MARS), and other volunteer organizations. The system provides valuable service to emergency communicators, and to licensed operators without access to the internet.

WL2K has replaced the PMBO MDS system for all MARS services.

WL2K can be accessed with a TNC using [AIRMAIL](#) software, or your computer soundcard using [WINMOR / RMS EXPRESS](#) software.

Much information, instructions and group discussions are available by joining the Yahoo Group at:

[http://tech.groups.yahoo.com/group/MARS\\_Winlink/](http://tech.groups.yahoo.com/group/MARS_Winlink/)

Paclink is an implementation of a streamlined radio e-mail client that interfaces with most popular e-mail client programs, like Microsoft Outlook Express and Mozilla Thunderbird. Paclink provides access to WL2K using the same modes as Airmail. Paclink supports attachments, multiple addresses and tactical addresses. This is more complex than Airmail or RMS Express, more suited to organizational use.

**All Software to operate WL2K is free**

## **WINMOR**

**RMS Express** is the latest application for use with the WL2K system. Developed initially for WINMOR, it also supports Packet, Pactor II and III and Telnet.

**WINMOR** allows access to the WL2K Radio Message Server Stations (RMS) using your computer and a soundcard, thus avoiding the cost of expensive TNCs.

**Hardware needed:**

A computer with sound card such as used for other soundcard modes such as PSK, MT-63 etc. and a soundcard to radio interface.

**(The developers of WINMOR recommend using an outboard soundcard, but first try your current MT-63 set-up, which probably will work just fine.)**

**Getting Started:**

1. Join the WINMOR Yahoo discussion group at:  
<http://groups.yahoo.com/group/WINMOR/>
2. Go to <http://www.winlink.org/>, click *Site Login* and then *Create new account* using your MARS callsign.
  - a. Go to Software/ User Software and follow instructions for RMS EXPRESS to download the software.
3. Follow the Read Me First file for installation instructions with particular attention to saving a copy of your old files.
4. A Help file is included after the software is installed to address questions you may have.

## AIRMAIL

Airmail 2000 is easy to install, configure and operate. It supports Packet, Pactor I, II and III and Telnet. I would recommend it only for MARS operators using TNCs. (Even if you have a TNC you should also install RMS EXPRESS to give yourself an additional/back-up tool.)

### Hardware needed:

A PACTOR modem (TNC) such as a KAM+, KAM-98, KAM-XL, PK-232, PK-900, DSP-1232, DSP-2232, DXP-38, PTC-I, or PTC-II is required for WL2K PACTOR.

### Getting Started:

1. Join the WINLINK Yahoo discussion group at:  
[http://groups.yahoo.com/group/MARS\\_Winlink/join](http://groups.yahoo.com/group/MARS_Winlink/join)
2. Go to <http://www.winlink.org/>, click Site Login and then Create new account using your MARS callsign.
  - a. Go to  Software  /  User Software  and follow instructions for AIRMAIL to download the software.
3. For more information on Airmail, including the system requirements, installation and operating instructions, and to download the program, go to Airmail WEB page
4. MARS Gateway station lists can be updated by going to your MARS account at <http://www.winlink.org/>. The frequency lists are also updated on the Navy MARS Region 4 website a couple to times per month.