Efficient Networks EnterNet 300 for Windows 9x, Me, NT4 and 2000
Version 1.5, February 19, 2001

1. OVERVIEW:

This document lists the improvements implemented in this release of EnterNet 300 for Windows. You will find release notes for prior versions at the following address: http://support.efficient.com/documentation.shtml

2. NEW FEATURES:

2.1 **Major Features**

2.1.1   Integrated CPE Management
    A new feature debuting in this version, Integrated CPE Management (ICM) allows subscribers to configure and diagnose recognized CPE. ICM is a modular feature: To activate ICM, a CPE Management Module must be installed in EnterNet. Version 1.5 (this version) of EnterNet ships with the Efficient Networks SpeedStream Management Module pre-installed.

2.1.2   SpeedStream Management Module
    When EnterNet is used on a system that is also configured with a SpeedStream DSL modem, the EnterNet SpeedStream Management Module creates two new tabs on the EnterNet interface. These new tabs are described below. NOTE: To support SpeedStream PCI and USB DSL modems, the SpeedStream Management Module requires that SpeedStream 3.0 drivers (or newer) be installed.

2.1.2.1   DSL Modem Tab on Profile Properties Dialog
    A tab named DSL Modem will appear on the EnterNet Profile Properties dialog. From this tab the subscriber can: configure the SpeedStream DSL modem; test hardware, software, the DSL modem, the network beyond the DSL modem, and Internet accessibility; and update the firmware in SpeedStream Ethernet DSL modems.

2.1.2.2   DSL Modem Tab on Advanced Information Dialog
    A tab named DSL Modem will appear on the EnterNet Advanced Information dialog. From this tab the subscriber can: view connection status information including DSL status, ATM status, send and receive packet (and byte) counts and errors, and view technical details about the SpeedStream DSL modem.

2.2 **Minor Application Improvements**

2.2.1   Upgraded the Help system from WinHelp 95 to WinHelp 2000, and documented features relevant to version 1.5.

2.2.2   The default image (BACKGROUND.JPG) that appears in the left pane of the EnterNet folder was changed to reflect Efficient Networks branding rather than NTS branding.

2.2.3   The default splash screen (SETUP.BMP) that appears when the EnterNet installer launches was changed to reflect Efficient Networks branding rather than NTS branding.

2.2.4   Added Polish language support.

2.2.5   Added a new dialog that appears if the configured PPPoE server cannot be reached, or if a selected service is no longer offered by the configured server.

2.2.6   The EnterNet application and the EnterNet folder now close when Windows enters sleep or standby mode.

2.2.7   Improved compatibility with Cisco BRAS by accepting MRU from the remote peer.

2.3   Minor Installer Improvements

2.3.1   Improved the ability to install EnterNet updates and upgrades over older EnterNet versions.

2.3.2   Now closes EnterNet before applying updates or upgrades to prevent DLLs with long file names from being truncated to the DOS 8.3 file name format on Windows 9x systems.

2.3.3   Replaced NETSETUP.EXE with the improved NSX.EXE.

2.4   New Customization Capabilities

2.4.1   ShowDSLProperties=
In the [Configuration] section of the ENTERNET.INI file, set this value to 0 to hide the DSL Properties tab on the Profile Properties dialog.

2.4.2   ShowUpdateFirmware=
In the [Configuration] section of the ENTERNET.INI file, set this value to 0 if you wish to hide the Upgrade Firmware button on the DSL Modem tab. NOTE: The Update Firmware function will appear only if a SpeedStream DSL Ethernet modem is present.

2.4.3   DSLSoftwareText=
In the [DSLModem] section of the ENTERNET.INI file. The string that appears after this keyword will also appear - on the DSL Modem tab - as instructions for the Upgrade Firmware button. NOTE: The Update Firmware function will appear only if a SpeedStream DSL Ethernet modem is present.

2.4.4   ShowUsageInformation=
In the [Configuration] section of the ENTERNET.INI file, set this value to 1 if you wish EnterNet to display -- at the conclusion of a session -- a pop-up window with session statistics, including connection time, and an account of sent and received packets.

2.4.5   NoPersist=
In the [Configuration] section of the ENTERNET.INI file, set this value to 1 if you wish to disable the Persistent Connections feature.

3.   BUG FIXES:

3.1   Fixed a compatibility problem with some VPN clients (Lucent and ATT) on Windows NT4.

3.2   Fixed a problem that caused erroneous characters to appear in the left pane of the EnterNet folder if Microsoft Internet Explorer version 4.0 or greater was not installed.

3.3   Install IMAGEHLP.DLL on Windows 95A if it doesn't already exist. This fixes a bug wherein EnterNet profiles failed to launch if the file was not present.

3.4   Changed the groupXXX.htm files to fix a "File Not Found" error when clicking on Profiles in the EnterNet folder.

3.5   Fixed a bug that prevented Dial on Demand from being installed if the user selects the Quick Install option.

3.6   Fixed a bug wherein Tap would fail to load on Windows 95 systems.

3.7   Fixed a bug in NTSPPPOE.SYS that caused un-install trouble on Windows 2000 systems.

3.8   Rewrote NETSETUP.EXE (and renamed it to NSX.EXE) to resolve the following issues: occasional crashes during installation; occasional crashes during un-installation; unexpected Windows Network Properties pop-ups. The re-write also reduced the size of the binaries.

3.9   Fixed a bug that caused crashes when Windows ME entered sleep mode.

3.10 Fixed a bug that caused the Windows NT and Windows 2000 DHCP service to stop working if the user switched from EnterNet DHCP mode to EnterNet private API mode and back again.

4.   KNOWN ISSUES:

4.1   The NoPersist= keyword is not functioning but will be fixed before this version becomes generally available.

4.2   On Windows NT4 and Windows 2000, the un-installation process is failing to delete all files and folders. This will be corrected before this version becomes generally available.