The Following Operating Systems Appear To Work With Win2NCS With Some Restrictions But Only Microsoft Windows 3.1 Has Been Extensively Tested.

See The Win2NCS On-Line Help For Information Concerning Those Restrictions.

Windows 3.1

> *Enhanced And Standard Mode.*

Windows 95

OS/2 Warp

Windows For WorkGroups 3.11

Enhancements:

Networked Users With Separate INI Files:

This release allows the Win2NCS application to be installed on a network drive allowing all users to use the same Win2NCS application but have separate configuration files for each user.

The following three options are available during SETUP:

Configuration file is created in installed directory. Normally used for a local drive install.

Configuration files are based on logged in name. This option will assign a different configuration file for each user based on the login name. This option provides for centralized Win2NCS application and centralized configuration files.

Configuration file is always on drive c:. This option will create and use a configuration file in the root directory of the users drive c:. This option provides for centralized Win2NCS application but local configuration files.

See the On-Line Help for more information concerning configuration files.

Default User Name and Session Name:

The first time that security is invoked, the user name and session names are filled in with the logged in name if the user is logged on to NetWare.

4.X Context Supported For Netware Connect 2.X:

The user can enable the Security Dialog Box to prompt for 4.X context by checking the Prompt User For 4X Context in the Global Mapping Options. If the checkbox is checked and the user enters a 4X context, that context will be used for all Netware Connect 2.X servers if the Netware Connect is running on a 4X server. If the Netware Connect is a 1.X

server or is running on a 3.X server, this entry is ignored. See the On-Line Help for more information concerning the 4.X context.

Allow User To Map/UnMap Any COM Port:

Added new checkbox in the Map Communications Ports option called Enable Mapping/UnMapping Of All Ports. If this checkbox is checked, the user can Map or UnMap all 8 Com Ports and the UnMap push button will not be greyed for local com ports that do not exist.

Colors:

A second color palette has been defined in the Set Colors option which adds 9 more predefined colors. The default palette is the **VGA** palette but the user can select the **SVGA** palette and select one of the predefined colors from that palette. Users should only use the **SVGA** palette if the display driver that they are using supports at least 32K colors.

3D Effect:

The Win2NCS Nasi Mapping Utility will now come up defaulted with the 3D look. Security and other Dialog Boxes in the Nasi Redirector that are invoked by a communications application will have the look of the calling application and not the Nasi Mapping Utility. Therefore if a invoking communications program has the 3D look, the Security and other Dialog Boxes of the Nasi Redirector will have that 3D look.

New Bit Map:

A new bit map will appear on the screen replacing the status information the first time you invoke Win2NCS. The bit map will disappear and permanently be replaced by status information after selecting Map Communications Ports option or exiting the Win2NCS mapping utility.

Global Mapping Option - Double Buffering On Reads

Option to enable or disable double buffering on reads.

Global Mapping Option - Double Buffering On Writes

Option to enable or disable double buffering on writes.

Global Mapping Options - DTR Control and RTS Control

New options to allow changing how DTR and RTS will act.

Global Mapping Option - Maximum ECBs Requested

This option is available for support of OS/2 and Windows 3.1 Standard Mode. Under Unusual Conditions The User May Be Required To Change The Default Value. See The On-Line Help For More Information.

Global Mapping Options - 3D Effect and Selected Gray Screens

The 3D Effect allows the user to either enable or disable the 3D look of the Nasi Mapping utility.

The Selected Gray Screens allows the user to enable or disable Gray Screens for Map Communications Ports Dialog Box, Global Mapping Options Dialog Box, and the Select Colors Dialog Box.

To create the effect of the previous release, disable the 3D effect and the Selected Gray Screens.

Global Mapping Option - Defaults Pushbutton

Defaults pushbutton added to allow user to reset the global options to the preferred settings.

Bug Fixes.

Hopefully fixed the problem with the system hanging when exiting Windows For WorkGroups by unhooking the Win2NCS Nasi Redirector from the COMM.DRV prior to exit.

Fixed Problem With Win2NCS Not Running Correctly When Using OS/2.

Fixed problems with checksum errors and inability to recover from errors when using ZMODEM on Procom and PCAnywhere.

Fixed problem with short packets potentially getting issued out of order causing CRC errors on file transfers.

Implemented double buffering on reads to accurately reflect read status correctly and potentially increase performance. Hopefully, this change should solve some of the problems with some the large block transfer packages such as the SLIP/PPP packages and/or FAX programs.

Implemented double buffering on writes to accurately reflect write status correctly which will eliminate hesitations in WINDOWS when doing large transfers of data and can increase performance on some applications from 15% to 35%. Also double buffering of writes eliminates the need for blocking mode of operation.

Changed Mode Of Operation in the Global Mapping Options to default to blocking mode. This should create more reliability with applications that transfer large amounts of data when Double Buffering On Writes is disabled..

Fixed problem with occasionally not using the default connection handle when scanning the bindery.

Fixed problem with Save Window Coordinates not being checked when running the mapping utility after option was left checked on exit.

Increased maximum services that can be displayed in the Map Communications Ports option of the Nasi Mapping Utility from 100 to 512.

Changed install to install files as read/write instead of read only.

Changed Install To Not Compress The README.WRI File So It Can Be Read Prior To Installation.

Freed all resources (ICONs, etc.) that were allocated when exiting the Nasi Mapping utility. The last release left those resources allocated causing unnecessary memory usage.

Changed Set Maximum Ports option in the Nasi Mapping Utility to allow for single keystroke entry when setting the maximum number of ports instead of having to clear the entry.

Found that Windows Terminal program when using hardware flow control (maybe other programs) was calling Assert RTS over and over again causing packets to be constantly sent over the network causing large server utilization increase and limited use of the package. Made changes to trap all RTS and DTR state notification changes and only issue a network packet if the new state is different than the previous state.

Fixed problem with installation error when installing DR DOS 7.0.