

Netformx DesignXpert[®]

Release Notes

Version 14.2

December 2011

(Note: Some features may not be applicable to all users)

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1. New Features

1.1. Support for User Supplied CLI Commands in Network Discovery

The user may define and customize CLI commands for use with Network Discovery in order to obtain data from devices on the network via Telnet and SSH protocols.

1.2. Device Creation and Modification Date

New attributes added to each device, logs the creation and modification date of each device and its components. Combined with advanced find queries identify changes implemented to the design in a given period.

1.3. Extended Capabilities for Bundles

Additional items added to the bundle are shown in regular font in the *Configuration Advisor* and are priced separately. Default items included in the bundle are shown in **bold** font.

Such behavior for bundles is subject to vendor preference.

1.4. Improvements in Advanced Find

The user can now search by attributes, which were added during design or discovery that do not necessarily appear in the catalog. A search can be initiated by discovery data such as IP addresses, system object id's, system location and more. In addition "Intermediate mode" was removed from the *Advanced Find* window to simplify the user interface.

1.5. Multiple Graphical Layer

Layers provide the ability to create logical layers for groups of devices, shapes and objects and collectively edit the properties of such groups. Layers maybe used to provide different views of the same design.

1.6. Product improvement Program

Users may choose to participate in the "Product Improvement Plan", which enable usage tracking, recording users daily tasks.

1.7. Improved Customer Search Criteria when Submitting Network Assessment Request

Improved customer search criteria when submitting a Network Assessment Request, including name and address. Using the exact name as stored in Cisco database makes future engagements and registration deals simpler.

2. Recommended System Requirements

Before installing Netformx DesignXpert version 14.2, make sure your system meets the following requirements:

- Microsoft XP, Vista or 7.
- To install/upgrade Netformx DesignXpert, you must have an administrator-level login on the local workstation where you intend to use it. To run Netformx DesignXpert on:
 - XP you must have power-level login privileges.
 - Windows Vista you must have administrator-level login privileges.
- Netformx DesignXpert version 14.2 does not support Windows restricted-user login or Windows Vista non-admin user login.
- On Windows XP, the Netformx Updater requires Admin rights for updating the software and regular user-rights for updating the library. On Windows Vista, the Netformx Updater requires Admin rights.
- CPU: 1.2GHz Pentium IV (minimum requirements - 450MHz Pentium III).
- RAM: 512MB (recommended 1GB or more).
- Hard Disk: 1GB free space on target installation disk and 300MB free space on disk containing Windows operating system after Netformx DesignXpert installation.
- Display: XGA monitor with (1024x768) resolution and 65,536 (16 bit) colors or better. Recommended: SXGA (1280x1024) or higher with true color (32 bit).
- Microsoft Office 2007 or Office 2010, for running Excel-based reports and Design Document Word format.
- Microsoft .NET 4.0 (free download available at www.microsoft.com).
- Microsoft Internet Explorer 6.0 or higher.
- Internet connectivity is required for the following features:
 - Periodic update of software catalogs and prices.
 - Upload Cisco ConfigSet.
 - Cisco online prices.
 - Network assessment (Cisco Discovery Services).
 - Tech support.
 - Netformx Adapter for Salesforce.com.
 - Netformx Adapter for SharePoint.

3. Installing and Upgrading Netformx DesignXpert Version 14.2

3.1. Installation Package for New Users

The Netformx DesignXpert version 14.2 release installation package can be downloaded from the Netformx website. A Netformx representative will provide you with a unique serial number. Upon registering your serial number you will be asked to create a user name and password which are required for registration and for content and software updates.

3.2. Installing Netformx DesignXpert Version 14.2

- To install Netformx DesignXpert version 14.2 as a new user, click on the following link and follow the on-line instructions:
[http://download.netformx.com/dist/CD\(DesignXpert\).exe](http://download.netformx.com/dist/CD(DesignXpert).exe)
- When you have completed the installation procedure, select **Start > All Programs** and click **Netformx > DesignXpert**
- If you are installing Netformx DesignXpert version 14.2 on Windows Vista, please read the following notes:
 - If you are installing/upgrading Netformx DesignXpert version 14.2 software on a Windows Vista platform, you must have an administrator-level login on the local workstation.
 - To run Netformx DesignXpert version 14.2 software on a Windows Vista platform, you must have an administrator-level login on the local workstation (DesignXpert does not support Windows Vista users with non-admin level login).

3.3. Upgrading from a Previous Version of Netformx DesignXpert

In addition to upgrading your Netformx DesignXpert software, the upgrade process also upgrades your installed library by replacing it with an updated one.

Below are instructions on how to upgrade your Netformx DesignXpert software:

1. If you are a new user, ensure that you received the serial number provided by Netformx. If you already have a registered copy of DesignXpert, you can check the serial number from the *Help > About* menu.
You may need this number to complete the installation procedure.
2. From the installation package double-click on the **setup.exe** file and follow the on-screen instructions.
3. The upgrade installation will first present you with a question dialog box to ask “If you want to proceed or exit the upgrade process”.
4. Click **Yes** to continue with the upgrade process.
5. Click **No** to exit the upgrade process immediately.

6. A second question dialog box will ask “if you want to backup your library and projects”. Although the upgrade process will automatically transfer all your saved projects into the new library and version of Netformx DesignXpert software, it is recommended that you backup your library and projects before continuing with the upgrade.
7. Click **Yes** to backup your library and saved projects to a location of your choice.
8. Click **No** to proceed with the upgrade process without performing a backup. If you choose to not backup your library and saved projects then they will not be available for troubleshooting should there be a problem with the upgrade process.

Your Netformx DesignXpert version 14.2 software has been successfully upgraded and your saved projects should now be ready for use with the new library and software version.

4. Uninstalling Netformx DesignXpert Version 14.2

The following section explains how to uninstall Netformx DesignXpert version 14.2. **Note:** It is not required to uninstall an older version of Netformx DesignXpert in order to perform an upgrade.

When installing a different edition of Netformx DesignXpert note to uninstall the previous installation first.

Note that after you uninstall Netformx DesignXpert, it will not be possible to access the library and projects that were previously created. If you saved any Project under the Netformx folder, you should backup these projects before uninstalling Netformx DesignXpert.

To manually uninstall Netformx DesignXpert:

1. Close Netformx DesignXpert.
2. From the *Start* button, select **Programs >NetformxUninstall > Netformx DesignXpert**. A Warning message asks if you are sure you wish to continue with the uninstall process. If so, click **Yes**.
3. Reboot your computer. You may have to manually remove some files within the directory where Netformx DesignXpert was installed.

5. Additional Installation Notes

Netformx DesignXpert version 14.2 software must be installed on a local drive and ensure the following are also set correctly:

1. Access to www.netformx.com via both http (port 80) and https (port 443) should be allowed for registration and updater service.
2. Verify that <http://www.netformx.com> is accessible using Internet Explorer.
3. If Novell NetWare client is installed on your computer prior to installing Netformx DesignXpert, and at some point you uninstall the NetWare client, Netformx DesignXpert will have to be reinstalled.

6. Netformx Discovery: Operational

Recommendations

This section identifies guidelines for accurate and efficient discoveries using Netformx Discovery. You can find additional information on using Netformx Discovery in the Technical Guide, available from the Netformx DesignXpert *Help* menu.

- Netformx recommends that special attention be paid to discovery errors and warnings on the discovery results grid. Those rows will be emphasized in color, and may indicate that your discovery settings were incorrect.
- For optimum performance, it is recommended that discoveries be performed from workstations connected directly to the Local Area Network (LAN). Discoveries performed over modem connections are not recommended due to performance degradation.
- SNMP must be enabled on a device and configured for RO (read only) or RW (read – write) in order to discover the device’s internal configuration. You must enter the specific community string in Netformx DesignXpert or the default, “public”, will be used.
- Note to allow SNMP access from the workstation running the discovery to the discovered addresses.
- You can read multiple NT domains by entering a single user name and password that is a member of all these domains under the NOS Services tab in the Windows Service dialog box.
- It is recommended that local firewall software be disabled during discoveries (either windows internal firewall or third party products).
- Network rediscovery and documentation auditing require a choice for each of the following options:
 - Automatically make changes (default) or prompt before any change is implemented.
 - Maintain the current layout and include new devices outside the drawing page (default) or have Netformx DesignXpert use its layout algorithm to recreate the document eliminating all previous document refinement and causing all manual changes to be discarded.
 - If the discovery log file is very large, it may not open properly with WordPad. In this situation, save the log as a .txt file and open manually with Microsoft Word.

7. Further Operations Notes

This section clarifies some of the operations of Netformx DesignXpert version 14.2 software.

- When a device is linked to itself, the link does not appear in the Link pane.
- Bending points inserted into links cannot be deleted unless you change the style back to a straight line, effectively removing all changes.

7.1. Reports and Printing

- When editing or printing tabular views of drawings, Netformx recommends wrapping the text within cells by right-clicking on any **Select Row** button and checking or un-checking the **Wrap Text** checkbox.
- When Netformx DesignXpert version 14.2 software cannot find the system printer settings, all existing drawings will change their page settings to the default settings. In this case, change the drawing setup from "Same as Printer" to a standard page size.
- For graphics quality Netformx recommends that cut and paste be used to move symbols or icons between applications, rather than drag and drop.
- Symbols representing shortcuts cannot be cut or copied from Netformx DesignXpert to other applications.

7.2. Network Device Library

The Netformx DesignXpert version 14.2 Library includes some graphic symbols that replicate actual networking products. All other devices map to the default graphic symbols assigned to that network device type.

8. Documentation Resources

For further information on Netformx DesignXpert version 14.2 refer to the following documents:

- Getting Started Guide.
- Netformx DesignXpert Technical Guide.
- Electronic versions of the Getting Started Guide and DesignXpert Technical Guide are available in Adobe Acrobat PDF format from the following locations:
- DesignXpert CD. From the root directory of the DesignXpert CD follow the path DataSW\Doc*.PDF
- DesignXpert install directory. Follow the path C:\Program Files\Netformx\DOC*.PDF
- DesignXpert Help Main Menu Item.

8.1. Known Issues

- When submitting Network Assessment Request (using Cisco Discovery Services) in some cases information on field notices and PSIRT alerts might be missing. This is an internal Cisco issue between different services within Cisco Discovery Services."
- When installing DesignXpert, the installation program requests a re-start before the installation is completed. Ignore this request and re-start after installation is complete.
- In some cases "F1" or "Help" button takes to a wrong place in the help file ("Login Salesforce Credentials"). Use the search tool inside the help to locate the correct page.
- If you open a project using "double click" on the project file (in windows explorer) "paste" operations does not always work.

- If you minimize the *Find Results* window it will not pop up when performing a new search unless you manually resize it.
- The *Update Currency Exchange Rates* window might take a while to open yet the mouse cursor remains as an arrow.
- The *Find* window does not open on "CTRL+F" if the focus is set on the *Results* window.
- In graphical layers (new feature) "Assign to layer" checkbox has three states and needs two clicks to change from checked to unchecked.
- When generating a report in PDF format, some changes may exist between the PDF output and the Excel output of the same report.
- When using drag & drop to move a device from one drawing to another, the device is not added to the active graphical layer.

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