



Release Notes

NX System Release 5

October 1, 2005

Component Versions

NX System Release 4 consists of the following component versions:

- NX Editor Version: 1.0.5.84
- NX Tester Firmware Version: 2.0.77

Dependencies

- Test programs created with NX Editor Version 1.0.5.84 or later can only be executed on NX Testers equipped with Firmware Version 1.4.50 (issued in Release 2) or later.
- Programs created in the NX Editor prior to Version 1.0.3.62 must be loaded and resaved in a later version of the NX Editor before the program will run on Firmware Version 2.0.77 or later.

It is strongly recommended that the upgrade be applied to the NX Testers and the NX Editor simultaneously

New Features and Enhancements

NX System Release 5 contains the following new features and enhancements:

- **Networking:** NX Testers equipped with Firmware Version 2.0.77 are now fully networkable. To take advantage of the networking capabilities, the NX Tester must be equipped with the Communications Board option. The NX Server Standard Edition software is also required to implement networking.
- **Security Key Programming:** The NX Key Programmer, Dynalab Part # 5-1068 is now available to program Operator and Supervisor Keys. To support this function, the NX Key Utility software program is included as part of NX System Release 5.
- **Print Program Properties:** The NX Editor now supports printing of the Program Properties
- **Remove Workflow Item 4th Line Expression:** The Remove Workflow item now supports an expression for the 4th line display.
- **NXI Import File support diode forward voltage:** The NXI Import File specification has changed to accommodate the forward voltage value for a diode.
- **CAP-H Import File:** A new import file specification, CAP-H, is now supported for importing wire harness data into a NX Editor program via the File Import Wizard.
- **Enhanced Audit Errors:** The NX Editor's audit feature now generates an error message if a splice has only one wire connected or if a component only has wires connected to one side.
- **Connections View Insert Order:** In the Connections View, when inserting a new connection, the new connection is inserted after the currently selected connection rather than before as in previous versions.
- **Report Shorts Only:** The Report Workflow item now has a checkbox to allow only shorts to be reported. This option is only available when directing a report to the Tester's display.



- **Autolearn Default Threshold Values:** The threshold values for continuity and shorts has been changed to 1000 ohms for the Autolearn mode.
- **Get Measured Value Function:** A new function is available for expressions: \$GMV. This function returns the measured value of a component. This enables the capability to print or report the measured value of a specific component.
- **Enhanced Probe Mode:** The Probe mode now can display the wire name and wire color associated with the probed point.

IMPORTANT NOTE: Before updating your NX Testers to Release 5, please make sure that all programs are backed up. If the current version on the NX Tester is 2.0.67, the programs may be erased as part of this upgrade, depending upon the vintage of the NX Tester. If the current version on the NX Tester is older than 2.0.67, this upgrade will reformat the file system on the NX Tester, and all existing programs will be erased. After completing the upgrade, programs must be manually restored to the NX Testers. In either case, it is recommended that the programs be backed up prior to performing the upgrade.