NetLink Version Info

7.22.2019
NetLink
- 1.4.2 release
- Fixed issue where import dialog would be shown instead of export dialog when storage permissions have already been granted.
- Updated Android support library.
- Fixed crash issue that can occur when Android system is low on memory.
- Fixed issue where OEM license status for the plugins shown in the About dialog would be cleared after importing a configuration.

NetLink BACnet/IP Plugin
- 1.4.3 release
- Fixed issue with text color of BACnet BDT and FDT entries on some Android devices.
- Fixed crash issue due to JNI abort error.
- Improved thread safety of the BACnet JNI stack.

7.2.2019
NetLink BACnet/IP Plugin
- 1.4.2 release
- Fixed issue where app opens and immediately closes on some devices.

NetLink Modbus/TCP Plugin
- 1.4.2 release
- Fixed issue where app opens and immediately closes on some devices.

7.1.2019
NetLink
- 1.4.1 release
- Fixed issue with text color of group headings on some Android devices.

NetLink BACnet/IP Plugin
- 1.4.1 release
- Fixed issue with text color of group headings on some Android devices.

NetLink Modbus/TCP Plugin
- 1.4.1 release
- Fixed issue with text color of group headings on some Android devices.

6.5.2019
NetLink
- 1.4.0 release
- Fixed SQL injection vulnerability.
- Updated to target Android Pie (API level 28).
- Added support for prompting for storage permissions when importing/exporting.
- Updated menus to better support modern Android devices.
• Fixed text display issues.
• Updated styles to support the Material style.
• Network performance improvements.

NetLink BACnet/IP Plugin
• 1.4.0 release
• Fixed SQL injection vulnerability.
• Updated to target Android Pie (API level 28).
• Added support for 64-bit architectures.
• Updated styles to support the Material style.
• Network performance improvements.

NetLink Modbus/TCP Plugin
• 1.4.0 release
• Fixed SQL injection vulnerability.
• Updated to target Android Pie (API level 28).
• Added support for 64-bit architectures.
• Updated styles to support the Material style.
• Network performance improvements.

1.4.2017

NetLink
• 1.3.4 release
• Improved Demo Mode Warning text to inform the user to select a plugin from the protocol selection in the settings menu.
• Changed the “Temporary License (Expires …)” status in the About box to “Refund Period (Renews …)”.

NetLink BACnet/IP Plugin
• 1.3.1 release
• Fixed issue where the license type is indicated as temporary instead of permanent after updating.
• Improved efficiency of OEM licensing checks.
• Fixed race condition between starting the BACnet/IP service and checking the license status.

NetLink Modbus/TCP Plugin
• 1.3.1 release
• Fixed issue where the license type is indicated as temporary instead of permanent after updating.
• Improved efficiency of OEM licensing checks.
• Fixed race condition between starting the BACnet/IP service and checking the license status.

8.29.2016

NetLink
• 1.3.3 release
• Added plugin version and licensing information to the About box.

NetLink BACnet/IP Plugin
• 1.3.0 release
• Added support for communicating on all active network interfaces on the device simultaneously.
• Added BBMD NAT support, allowing the device’s own BDT entry to be changed to a public IP address and port for operation behind a NAT router.
• Added check in BBMD to prevent broadcast storms if another BBMD is broadcasting on the same subnet.
• Improved the OEM licensing check such that all interfaces’ MAC addresses are checked instead of only the currently active interface.
• Fixed issue where OEM license check would fail if the plugin is not yet licensed and the interface is not connected to a network.
• Added support for displaying the licensing information in NetLink’s About box.

NetLink Modbus/TCP Plugin

• 1.3.0 release
• Improved the OEM licensing check such that all interfaces’ MAC addresses are checked instead of only the currently active interface.
• Fixed issue where OEM license check would fail if the plugin is not yet licensed and the interface is not connected to a network.
• Added support for displaying the licensing information in NetLink’s About box.

10.21.2014

NetLink

• 1.3.2 release
• Updated graph layout and increased text size
• Added ability to resize graphs
• Added ability to zoom and scroll graphs using both image zoom and data zoom methods
• Graphs and Groups are now full screen

NetLink BACnet/IP Plugin

• 1.2.1 release
• Fixed licensing issue where unlicensed error may occur when no internet connection is available

NetLink Modbus/TCP Plugin

• 1.2.1 release
• Fixed licensing issue where unlicensed error may occur when no internet connection is available

User's Manual Version

• October 21, 2014

8.7.2014

NetLink

• 1.3.1 release
• Compatibility fixes for Android 4.4
• Bug fixes

7.12.2013

NetLink

• 1.3.0 release
• Added object discovery
• Minor bug fixes

NetLink BACnet/IP Plugin
• 1.2.0 release
• Added object discovery
• Now supports all Android NDK processor platforms
• Optimized initial connection time to devices on the network
• Improved network behavior
• Increased the number of supported devices to 128
• Network performance enhancements

NetLink Modbus/TCP Plugin
• 1.2.0 release
• Added object discovery
• Now supports all Android NDK processor platforms
• Changed “coil status” and “input status” type names to “coil” and “discrete input”, respectively
• Network performance enhancements

User’s Manual Version
• July 15, 2013

▶ 6.10.2013
NetLink
• 1.2.7 release
• Added German language support

NetLink BACnet/IP Plugin
• 1.1.6 release
• Added German language support

NetLink Modbus/TCP Plugin
• 1.1.7 release
• Added German language support

User's Manual Version
• November 9, 2012

▶ 1.8.2013
NetLink
• 1.2.6 release
• Fixed force close issue when exporting to an existing file

User’s Manual Version
• November 9, 2012

▶ 11.9.2012
NetLink
• 1.2.5 release
• Moved Scan Rate and Timeout settings into each protocol’s settings
• Fixed changing Scan Rate and Timeout settings through messages
• Each protocol’s settings are now only available when it is the selected protocol
• Fixed force close issues when a progress dialog is shown and the screen is rotated

NetLink BACnet/IP Plugin
• 1.1.5 release
• Added Scan Rate and Timeout to the BACnet protocol settings
• Fixed changing Scan Rate and Timeout settings through messages

NetLink Modbus/TCP Plugin
• 1.1.6 release
• Added Scan Rate and Timeout to the Modbus protocol settings
• Fixed changing Scan Rate and Timeout settings through messages

User's Manual Version
• November 9, 2012

11.7.2012
NetLink
• 1.2.4 release
• Fixed Scan Rate and Timeout settings.

NetLink BACnet/IP Plugin
• 1.1.4 release
• Fixed Scan Rate and Timeout settings.
• Fixed memory leak issues and associated ANRs and abrupt force close issues.
• Device Name is now limited to 32 characters.
• Updated to use latest NDK.

NetLink Modbus/TCP Plugin
• 1.1.5 release
• Fixed Scan Rate and Timeout settings.
• Updated to use latest NDK.

User's Manual Version
• June 28, 2012

10.30.2012
NetLink
• 1.2.3 release
• Minor Fixes – Changed incoming message handlers to be static to avoid memory leaks.
• Fixed force close issue when screen is rotated quickly.
• Added Android theme support.

NetLink BACnet/IP Plugin
• 1.1.3 release
• Minor Fixes – Changed incoming message handlers to be static to avoid memory leaks.
• Fixed force close issue if invalid port is specified.
• Added Android theme support.

NetLink Modbus/TCP Plugin
• 1.1.4 release
• Minor Fixes – Changed incoming message handlers to be static to avoid memory leaks.
• Fixed force close issue if invalid port is specified.
• Added Android theme support.

User's Manual Version
• June 28, 2012

06.28.2012

NetLink
• 1.2.2 release
• Added “Relinquish Value” option for BACnet in the groups screen
• Fixed force close issue when creating a graph

User's Manual Version
• June 28, 2012

06.22.2012

NetLink
• 1.2.1 release
• Added “Relinquish Value” option for BACnet when changing the value of an object with a write priority

NetLink BACnet/IP Plugin
• 1.1.1 release
• Added support for relinquishing the value of a commandable object
• Fixed potential timeout issue when registering as a foreign device

User's Manual Version
• April 10, 2012

04.16.2012

NetLink Modbus/TCP Plugin
• 1.1.3 release
• Fixed force close issue when deleting objects

User's Manual Version
• April 10, 2012

04.10.2012
NetLink
  • 1.2.0 release
  • Added Groups screen, which allows multiple objects to be grouped together and commanded simultaneously

User's Manual Version
  • April 10, 2012

03.28.2012
NetLink Modbus/TCP Plugin
  • 1.1.2 release
  • Added support for hostname entry in IP Address field of Modbus Object Settings

User's Manual Version
  • March 28, 2012

03.19.2012
NetLink
  • 1.1.1 release
  • Fixed export/import of Modbus configurations with signed data types

NetLink Modbus/TCP Plugin
  • 1.1.1 release
  • Added Modbus RTU over TCP support and mode selection in settings

User's Manual Version
  • March 19, 2012

03.07.2012
NetLink
  • 1.1.0 release
  • Added multiplier, offset, units, and radix fields to the demo mode object settings
  • Added connection status support to demo mode objects
  • Added connection status information to the Object List including an icon and text coloring
  • Added units to the Object List display
  • Added hexadecimal support to the Object List
  • Added Connection Status and Units options to the Sort By menu
  • Added units to graph value label displaying units of selected data
  • Improved Object List responsiveness
  • Sort order in the Object List is now preserved after screen rotations and other actions

NetLink Modbus/TCP Plugin
  • 1.1.0 release
  • Added multiplier, offset, units, radix, write function selection, data type selection, and 32-bit register options fields to the Modbus object settings
  • Added connection status support to Modbus objects
  • Fixed licensing issues when no internet connection is available
• Added OEM licensing support

**NetLink BACnet/IP Plugin**

• 1.1.0 release
• Added multiplier, offset, units, radix, and write priority fields to the BACnet object settings
• Added connection status support to BACnet objects
• Added support for multi-state objects
• Made BACnet UDP port configurable
• Timeout value is now used in BACnet driver
• Fixed licensing issues when no internet connection is available
• Added OEM licensing support

**User’s Manual Version**

• March 1, 2012

### 01.19.2012

**NetLink**

• 1.0.3 release
• Fixed loading of default preferences if not specified in configuration file

**NetLink Modbus/TCP Plugin**

• 1.0.3 release
• Fixed loading of default preferences if not specified in configuration file

**NetLink BACnet/IP Plugin**

• 1.0.3 release
• Fixed loading of default preferences if not specified in configuration file

**User’s Manual Version**

• January 12, 2012

### 01.16.2012

**NetLink**

• 1.0.2 release
• Fixed duplicate instance number behavior in Demo Mode protocol
• Fixed overwriting issues when values are commanded in Demo Mode protocol
• Fixed thread concurrency issues with demo service after importing a configuration

**NetLink Modbus/TCP Plugin**

• 1.0.2 release
• Fixed memory leak in licensing code when android market is not installed on device
• Fixed thread concurrency issues with Modbus service after importing a configuration

**NetLink BACnet/IP Plugin**

• 1.0.2 release
• Fixed memory leak in licensing code when android market is not installed on device
• Fixed thread concurrency issues with BACnet service after importing a configuration
User's Manual Version
- January 12, 2012

01.12.2012

NetLink
- 1.0.1 release
- Added Try-Catch to all StartActivity functions to catch and handle ActivityNotFound exceptions
- Updated local IP address algorithm to exclude IPV6 loopback address

NetLink Modbus/TCP Plugin
- 1.0.1 release
- Updated local IP address algorithm to exclude IPV6 loopback address
- Fixed connection issue when server unexpectedly disconnects

NetLink BACnet/IP Plugin
- 1.0.1 release
- Updated local IP address algorithm to exclude IPV6 loopback address

User's Manual Version
- January 12, 2012

01.11.2012

NetLink
- 1.0.0 initial release

NetLink Modbus/TCP Plugin
- 1.0.0 initial release

NetLink BACnet/IP Plugin
- 1.0.0 initial release