



# Release Notes

## AutoLoad Plus software version 3.2.5

### Scope

This document describes changes in AutoLoad Plus software from version 3.1.104 to version 3.2.5. For information regarding changes to the ARC Plus, please refer to the release notes for the ARC Plus firmware. ARC Plus firmware version 5.1.0.4 is required for use with this version of AutoLoad Plus.

### *Changes from firmware version 3.2.3 to version 3.2.5*

#### Resolved Issues

**Installer now downloads the required C++ redistributable packages:**

The AutoLoad Plus installer now automatically downloads and installs the required C++ redistributable packages if they are not already present on the target computer.

**Multi-site connection capabilities have been restored:**

Connections to ARC Plus units running 5.1.0.4 or higher have been restored in multi-site configurations.

### *Changes from firmware version 3.1.137 to version 3.2.3*

#### New Features and Enhancements

**Encrypted communication is now supported:**

TCP/IP connections made to ARC Plus units running firmware version 5.1.0.4 or greater are now encrypted. A check box is available on the connection dialog box to disable encryption so that connections can be made to firmware versions prior to 5.1.0.4.

**Calendar times can now use local or standard time:**

Each of the six calendar times used to schedule macros and Jet Active Flowcharts can now be independently configured to use local time or standard time. When set to local time, the selected calendar time will follow Daylight Saving Time as appropriate. When set to standard time, the selected calendar time will not change to Daylight Saving Time.

**Selective email notification is now available when an alarm becomes inactive:**

The Meter and Status Notifications tabs now include a checkbox for each channel to enable the ARC Plus to send an email when the channel transitions from the alarm state to the normal state.

#### Resolved Issues

**The menu for configuration of modem settings has been restored:**

Support for legacy modem connections has been restored to enable modem connections between ARC Plus units and computers running AutoPilot software.

**SNMP command OIDs can now be manually removed:**

OIDs can now be manually deleted using the SNMP Command Binder dialog box accessed via the Source dialog box for command channels.

## *Changes from firmware version 3.1.135 to version 3.1.137*

### *Resolved Issues*

**GSC3000/VRC2500 configuration importer now properly handles all legacy decimal place options:**

The meter channel decimal place setting as configured on the VRC/GSC systems now properly saves to the ARC Plus when importing configuration files.

## *Changes from firmware version 3.1.130 to version 3.1.135*

### *New Features and Enhancements*

**Plus-X definition file for the Dual RF Switch Controller is now available:**

The Dual RF Switch Controller has been added to the list of Plus-X devices to support connections to an ARC Plus system.

**New multipliers added for SNMP meter channels:**

Multipliers of .0001 and .00001 can now be applied to SNMP meter channels.

**Users are now required to set a password on the ARC Plus:**

The factory default password of “password” is now required to be changed when connecting to a site in AutoLoad Plus.

**The edit source button is always visible:**

The icon that opens the source dialog box to edit a channels I/O source is now always visible.

### *Resolved Issues*

**Captures authorization code field is no longer displayed when not applicable:**

The field to enter a Captures authorization code is no longer displayed for ARC Plus Touch and SL units manufactured prior to 2017 and running firmware 5.0.14.2 or higher.

**Blank meter limit fields get automatically set to “No Limit”:**

AutoLoad Plus will automatically set a limit field to “No Limit” if it is left blank.

**OID name and description information now displays on the SNMP source dialog box:**

SNMP OID name and description information for a channel is now always displayed on the SNMP source dialog box. This requires the MIB files for the device to be loaded in AutoLoad Plus MIB browser.

**Macros are no longer stored in cache memory:**

Macro information is loaded from the unit each time a connection is made, no longer storing the information in cache memory.

**GSC/VRC configuration importer properly handles meter and command labels:**

Meter and command labels no longer get truncated when importing GSC/VRC configuration files into the ARC Plus.

**A starting channel can be set when importing GSC/VRC set files:**

Users can select a starting channel to load a GSC/VRC configuration file. This allows users to load multiple GSC/VRC configuration files into a single ARC Plus.

**Improved error handling of device to MIB text file:**

Additional error handling has been added to the “devicetomib.txt” file that stores the relationship link between an SNMP device and its associated MIB files.

**Additional text added to clarify virtual channel operands:**

Virtual channel operands MM1-MM256 and SS1-SS256 now include the text “with offline state”. Equations that use these operands with show offline if the input source of the operand is also offline.

**Latching commands are disabled for a Plus-X Dual IP-8 Adapter source:**

The command type selection for a Plus-X Dual IP-8 source only allows for momentary pulses of 90 seconds. The IP-8 wiring interface panels do not support latching functions.

**Added Channel Bank column name to Users dialog box:**

The Edit->Settings->Users dialog box channel bank assignment column now has the name “Channel Bank”.

**Test emails are sent only to selected email lists:**

Test email message are only sent to the email addresses in the selected lists.

## *Changes from firmware version 3.1.127 to version 3.1.130*

### *New Features and Enhancements*

**Extended TCP timeout network setting is now available for ARC Plus firmware version 3 and 4:**

Users now have the option to use an extended timeout setting in Edit>Settings>Networking Settings by clicking on the **Advanced** button. This will improve system communication performance with slower network connections.

**Configured channels are not overwritten when adding new Plus-X devices:**

When adding a Plus-X device, AutoLoad Plus will now prevent users from mapping the default set of Plus-X channels over channels which have already been configured.

**Meter channels set by Virtual Channel, Macro or SNMP will now default to millivolt meter type:**

AutoLoad Plus will now automatically set the meter type to **millivolt**, preventing unwanted scaling or calibration on meter channels set by Virtual Channel, Macro or SNMP.

**Status alarm “Off Time” has been renamed to “Alarm Hysteresis”:**

The status alarm tab column “Off Time” has been renamed to “Alarm Hysteresis”.

### *Resolved Issues*

**Deleting an SNMP device now only resets SNMP configured channels for that device:**

Resetting mapped channels when deleting an SNMP device will now only reset channels currently configured for the device being deleted. Channels that had previously been set by the deleted device but are currently configured for use by a different source will be unaffected.

**AutoLoad Plus now honors SNMP v2c devices:**

AutoLoad Plus no longer generates errors when querying SNMP v2c devices.

**Users can now set a class A subnet mask from AutoLoad Plus:**

A subnet mask of up to 128.0.0.0 can now be set using the AutoLoad Plus network settings dialog.

**The “Add ARC-16” button has been disabled for version 5 ARC Plus Touch and ARC Plus SL:**

The version 5 ARC Plus Touch and ARC Plus SL do not support connections to an ARC-16. The option is now disabled in AutoLoad Plus.

**SNMP channels that require a table key index can no longer be left blank:**

AutoLoad Plus will now prompt the user that the table index key cannot be left blank when adding an SNMP channel using a table-based OID.

**Command channel descriptions for the PlusConnect HZ have been updated:**

When looking at the command channel source dialog window in AutoLoad Plus for the PlusConnect HZ, the “High / Off” description now reads “Transmitter High Power / Transmitter Off” and the “Low / Off” description now reads “Transmitter Low Power / Transmitter Off”.

**Channel banks dialog now opens for ARC Plus units running firmware earlier than 5.0.17.0:**

The channel banks dialog now opens properly on ARC Plus units running firmware version prior to 5.0.17.0.

**Channel bank names are now properly validated when unchanged:**

AutoLoad Plus now properly validates the string length when selecting a channel bank to rename it. If the string length is correct the channel bank name is left unchanged.

## *Changes from firmware version 3.1.126 to version 3.1.127*

### *New Features and Enhancements*

**Support for the new user assigned channel banks has been added:**

Reference the ARC Plus 5.0.17.0 release notes for additional details regarding this enhancement.

## *Changes from firmware version 3.1.124 to version 3.1.126*

### *New Features and Enhancements*

**The SNMP version is now selectable for each SNMP device controlled by the ARC Plus:**

The SNMP device list now has a selectable option for SNMP V1 or V2C.

**The ARC Plus SNMP agent feature is now available:**

A new authorization code has been added to the site settings dialog box allowing users to purchase the SNMP agent feature now available on the ARC Plus running firmware 5.0.16.6 or higher.

## *Changes from firmware version 3.1.123 to version 3.1.124*

### *New Features and Enhancements*

**The Plus-X VSWR is now available as a Plus-X device selection:**

The Plus-X VSWR can now be selected from the Plus-X device drop-down selection box.

**The default channel descriptions in the Plus-X VSWR definition file have been clarified:**

The definition file for the Plus-X VSWR has been updated to provide more descriptive names for dedicated command relay functions and status indicators.

**The AutoLoad Plus MIB browser can now add multiple MIB files simultaneously:**

Users can now select multiple MIB files when importing them in the SNMP OID browser window. By holding the Shift or Ctrl key then clicking on the desired MIB files, users can select groups of files to load from the same source directory.

## Resolved Issues

### **Plus Connect GatesAir ZXA selection is now displayed in the Plus-X device list:**

The drop-down list of Plus-X devices now displays *Plus Connect GatesAir ZXA/ZXB* for the Plus Connect unit that supports these two transmitters.

### **The AutoLoad Plus MIB browser now properly appends table keys entered by the user:**

The user-specified table index which identifies a in an SNMP table is now properly appended to the base OID.

## *Changes from firmware version 3.1.109 to version 3.1.123*

### New Features and Enhancements

#### **The ARC Plus Firmware Loader is no longer installed with AutoLoad Plus:**

The ARC Plus Firmware Loader is no longer available. All firmware updates are now performed using the universal Burk Firmware Loader utility, version 1.0.9 or higher. The Burk Firmware Loader can be downloaded from the Burk Firmware Loader support page at [www.burk.com/downloads](http://www.burk.com/downloads).

#### **An explanatory note has been added to clarify the front panel screen saver settings:**

The note “The ARC Plus Touch front panel will turn off after 2 hours” has been added to the Screen Saver settings tab in Site Settings. When users select the “No screen saver” or “Dim the display” option the unit will still turn the touch screen off after 2 hours of inactivity to preserve the life of the touch screen.

#### **SNMP OID handling has been enhanced in the AutoLoad Plus MIB browser:**

The Autoload Plus MIB browser now accepts OIDs with or without a leading dot, facilitating data entry when configuring SNMP channels.

#### **The AutoLoad Plus MIB browser now always enables the “Add” button:**

The “Add” button next to the listing of imported MIB files is now always enabled, making it possible to import new MIB files any time the SNMP OID Browser window is open.

## Resolved Issues

### **The AutoLoad Plus macro editor now properly displays run and stop labels:**

The macro editor now displays run and stop labels shorter than the maximum length of 12 characters without appending extraneous characters.

### **All ARC-16 channels now appear when connected through an ARC Plus:**

When connecting to the ARC Plus with an ARC-16 attached, Autoload Plus now properly reads all 16 channels from the ARC-16.

### **The AutoLoad Plus macro editor now properly differentiates between macros and Jet Active Flowcharts:**

When switching from a site configuration that uses Jet Active Flowcharts to one that includes macros, the macro editor now properly allows user to edit the macros while blocking access to the Jet Active Flowcharts.

### **The SNMP MIB browser tree now populates properly when adding new MIB files:**

Autoload Plus now properly installs the system MIB files required to create the basic MIB tree allowing users to add additional MIB files and properly expand the tree.

## *Changes from firmware version 3.1.105 to version 3.1.109*

### Resolved Issues

#### **AutoLoad Plus will now timeout when trying to connect to an offline site in a multisite ARC Plus network:**

An offline site in a multisite ARC Plus network will now cause AutoLoad Plus to drop its connection attempt after a timeout period and move on to the next site in the network.

**AutoLoad Plus now properly downloads ARC Plus configuration data after a failed connection attempt:**

When establishing a TCP data connection to an ARC Plus following one or more failed connection attempts, AutoLoad Plus now properly retrieves the unit's configuration data.

**AutoLoad Plus now accepts any valid IP address for transmission in an SNMP Set Request:**

When configuring a command channel to transmit an SNMP Set Request including an IP address, AutoLoad Plus now accepts all valid values.

**The "Enterprise Specific" selection has been removed from the generic trap list:**

Enterprise specific traps are now no longer listed in the "Generic" trap list selection box.

**The "Rearm Delay" setting now accepts delays values higher than 1 hour:**

The channel *Rearm Delay* setting for meter and status channels now accepts delay times of up to 23 hours, 59 minutes, 59 seconds giving users more flexibility to configure alarm behavior.

## *Changes from firmware version 3.1.104 to version 3.1.105*

### *Resolved Issues*

**The AutoLoad Plus MIB browser now properly expands multi-level MIB tables:**

When the MIB Browser in AutoLoad Plus encounters a table during expansion of a MIB file, it now searches for and expands nested folders within the primary or parent table.

For further information or for assistance with this upgrade, please contact Burk technical support at 978-486-3711 or by email at [support@burk.com](mailto:support@burk.com).