



L-PRO 4000

Offliner v2.7

Release Description

FEATURE ENHANCEMENTS

- Added support for L-PRO 4500

CORRECTIONS TO ISSUES

- **Minor:** Fixed issue that allowed setting the port number or IP address to the same value on more than one DNP master. This setting can put the IED into a non-responsive state.
- **Minor:** Fixed issue where the setting file is copied to an incorrect folder when imported and then the setting version is increased.
- **Minor:** Fixed issue where 79-1Ph Reclose cannot be selected in the output matrix in some circumstances when the setting group is greater than one.
- **Minor:** Fixed issue where user manuals could not be opened from within Offliner when Offliner was installed by different user.
- **Minor:** Fixed issue where some settings were incorrectly scaled when switching between 1A and 5A CT setting.

COMPATIBILITY

L-PRO 2100 Firmware Versions	V5.0 and earlier
L-PRO 2150 Firmware Versions	v1.1 and earlier
L-PRO 4000 Firmware Versions	v2.5 and earlier
L-PRO 4500 Firmware Versions	v1.0
L-PRO 2100 Setting File Versions	1 - 12
L-PRO 2150 Setting File Versions	401 - 402
L-PRO 4000 Setting File Versions	401 - 407
L-PRO 4500 Setting File Versions	601
Microsoft Windows	Windows 7 Professional Windows 10 Professional

Minor releases, designated with a letter suffix (e.g. v3.1a), maintain the same compatibility as the base version (e.g. v3.1=v3.1a).

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REVISION HISTORY

v2.6 Rev 2 – 2015-12-15

- **Enhancement:** Added L-PRO 2100 User Manual v5.0 Rev 0

v2.6 Rev 1 – 2015-05-11

- **Enhancement:** Added L-PRO 4000 User Manual v2.5 Rev 1

v2.6 – 2015-02-14

- **Enhancement:** Phase segregated trip information in DR, accessible through ProLogic and Output Matrix
- **Enhancement:** Elimination 50BF Breaker Fail Auxiliary Circuit Breaker ring bus interlock
- **Enhancement:** Modified auto-recloser scheme (refer to manual for operation details)
- **Enhancement:** Main & Auxiliary Overvoltage second definite time stage
- **Enhancement:** Tilt angle setting into QUAD characteristics 21P and 21N functions
- **Enhancement:** Virtual Input option for 52CB function
- **Enhancement:** Expanded LOP functionality
- **Enhancement:** Series Compensation
- **Enhancement:** Enhanced Target LED selection capabilities
- **Enhancement:** DNP communications enhancements and corrections
- **Enhancement:** Enhanced setting data change save operation – multiple screens
- **Enhancement:** Corrected issue with Offliner Window resizing
- **Enhancement:** Enforce/Standardize unit and feature naming conventions
- **Enhancement:** Correct SCADA Summary information when launched from RecordBase View

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CLASSIFICATION OF CHANGES MADE

The issues fixed in software / firmware upgrades are classified as defined below. While the decision to upgrade installed products is the user's, these classifications provide a guideline for the need and priority of the upgrade.

Critical: Critical changes fix issues/problems that prevent the basic operation of the device and have no workaround. Critical changes merit a product upgrade as soon as possible, if that function is being used under the conditions causing the issue

Major: Major changes fix problems that prevent the basic operation of the device but do have a workaround. Any major changes merit a product upgrade as soon as possible if the function is being used under the conditions causing the issue and a workaround is not acceptable.

Minor: Minor changes fix non vital issues that do not prevent the basic operation of the device and may or may not have a workaround. Product upgrades for such changes are not necessary unless they apply to and are needed by the user.

Feature Enhancement: Feature enhancements add a capability or extend existing capabilities of the product. Upgrades for such changes need be made only if and when that feature enhancement is desired.

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