



T-PRO Offliner

v1.5

Release Description

FEATURE ENHANCEMENTS

- Added support for T-PRO 4500 v2.0 Firmware.
 - Added the ability to configure 3 Zone Backup Impedance Protection (21) including line parameter and Directional Element menus.
 - Added the ability to configure 68 Power Swing Block function.
 - Added the ability to configure the enhanced 60 Loss of Potential function.
 - Added the ability to configure the disabling of Neutral Inputs IN1 and IN2 via an External Input.
 - Added support for two different CT secondary ratings to support a mix of 1A and 5A CTs.
 - Added support for the following External Input and Output Contact product variants, 8 in + 8 out, 16 in + 16 out, 16 in + 24 out, 24 in + 32 out.
 - Added the ability to reset the front panel target LEDs using the following options: External Inputs, Virtual Inputs, ProLogic.
 - Added selection of phase to phase voltage values to the DNP3 configuration screen.
- Changed the pick-up value units from PU to A for the 49, 50/51, and 67 functions and the through fault monitor.

CORRECTIONS TO ISSUES

- **Major:** T-PRO 4500: Fixed issue where “Self Check Fail”, IEC61850 Communication Alarm” and “Time Sync Loss” were missing from the ProLogic input list.
- **Minor:** T-PRO 4500: Fixed issue where the ProLogic inputs in the Setting Summary are incorrect under some conditions.
- **Minor:** T-PRO 4500: Fixed issue where selecting the “Display and Print Only Enabled Protection Devices” option in the Print Setting Summary dialog was not supported.

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COMPATIBILITY

| | |
|----------------------------------|---|
| T-PRO 8700 Firmware Versions | v5.0 and above |
| T-PRO 4000 Firmware Versions | v1.2 and above |
| T-PRO 4500 Firmware Versions | v2.0 and above |
| T-PRO 8700 Setting File Versions | 1 – 11 |
| T-PRO 4000 Setting File Versions | 401-403 |
| T-PRO 4500 Setting File Versions | 601-602 |
| 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).

REVISION HISTORY

v1.4 – 2016-10-09

- **Enhancement:** Added support for T-PRO 4500
- **Minor:** Fixed issue where some settings were incorrectly scaled when switching between 1A and 5A CT setting.
- **Minor:** Fixed issue where 87N Neutral Differential does not display the correct IO min value.
- **Minor:** Corrected the 67N pickup and the 50BF pickup delay values for setting in the default setting file for T-PRO 4000.

v1.3 Rev 2 – 2016-10-09

- **Enhancement:** Added T-PRO 8700 User Manual v5.0 Rev 0

v1.3 – 2015-02-14

- **Enhancement:** Support for Directional Earth fault 67N protection
- **Enhancement:** Support for SNTP time server configuration
- **Enhancement:** Support for Prologic and Output Matrix enhancements
- **Major:** Correction of cross platform setting conversion issues from T-PRO 8700
- **Major:** DNP3 operation/mapping corrections
- **Minor:** Enforcement of character restrictions in Unit ID naming

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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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