RecordBase View

v5.8 Rev 0

Release Description

DATE: 2025-09-05

FEATURE ENHANCEMENTS

- Cyber Security:
  - None.
- General:
  - Added support for T-PRO 2000 records.

CORRECTIONS TO ISSUES

- Cyber Security:
  - None.
- General:
  - None.

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UPDATE INSTRUCTIONS

This section can be ignored if neither RecordBase View (RBV) nor RecordBase Central Station (RBCS) has been previously installed, or if version v5.0 or above of either has already been installed.

If older versions of both RBV and RBCS are presently installed, then RBCS must be updated first. The RBV installation will be blocked until RBCS is updated.

RBV and RBCS v5.0 and above use a different database format (SQLite) than earlier versions (Microsoft Access) and existing databases must be converted to the new format after installation. RBV v5.0 will be unable to open the database until this conversion is performed. Please perform the following steps to convert your database:

1. Install the RBV update.
2. Launch RBV. It will detect your existing database and prompt you to convert it. Follow the prompts to perform the conversion.
    a. The conversion is automated but may take some time, possibly many hours, depending on the size of your existing database, network performance for remote databases, and the performance of the storage media.
    b. The existing database is automatically backed up to the location indicated prior to the conversion. However, ERLPhase recommends also manually backing up the existing database prior to proceeding with conversion for additional protection.
    c. Ensure the PC/Server running the conversion does not go to sleep, lose power, or lose access to the database during the conversion.
    d. If the user declines the request to automatically convert the existing database when first running RBAdmin, the database will have to be manually converted at a later time.
3. Additional databases (file extension .mdb) can be converted at any time in RBV by selecting the menu ‘Tools->Database Conversion’.

COMPATIBILITY

TESLA 2000 Firmware	v2.1 to v4.1
TESLA 3000 Firmware	v2.7 and below
TESLA 4000 Model 4000 Firmware	v2.4 and below
TESLA 4000 Model 4000-A Firmware	v1.2 and below
TESLA 4000 Model 4000-SV Firmware	v1.4 and below
TESLA 4000 Model 4003 Firmware	v1.0
TESLA LITE Firmware	v1.1 and below
IO Expansion Firmware	v1.1 and below
L-PRO 4000 Firmware	v2.6b and below
L-PRO 4500 Firmware	v2.2a and below
S-PRO 4000	v1.0
S-PRO 4000 (Model 4001)	v2.1a and below
B-PRO 4000 Firmware	v2.1a and below
B-PRO 4000 Multi-Busbar Firmware	v1.2b and below
T-PRO 2000 Firmware	v1.0
T-PRO 4000 Firmware	v1.3a and below
T-PRO 4500 Firmware	v2.2b and below
F-PRO 4000 Firmware	v1.0
F-PRO 215 Firmware	v2.0 and below
F-PRO 216 Firmware	v1.4 and below
F-PRO 235 Firmware	v2.6 and below
F-PRO 295 Firmware	v1.5 and below
F-PRO 297 Firmware	v1.2 and below
F-PRO 298 Firmware	v1.8 and below
F-PRO 4500 Firmware	v1.0
M-PRO 2000 Firmware	v1.0
RecordBase View Manual	v5.7 Rev 0
RecordBase Central Station	v5.8 Rev 0
RecordGraph	v6.4 and above

Compatible with Microsoft Windows	Windows 10 Professional Windows 11 Professional

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

RecordGraph v6.3 is provided with this release. Refer to the RecordGraph release notes for compatibility details.

REVISION HISTORY

v5.7 Rev 0 – 2025-04-04

- Enhancement: Included RecordGraph 64-bits application.
  - Major: Fixed issue where records cannot be deleted from the database.

v5.6a Rev 1 – 2024-02-01

  - Minor: Add a Release Description link in Help About to the website, where previously the release description pdf file was included in the installer.
  - Minor: Update User Manual to v5.6 Rev 0

v5.6a – 2023-10-19

- Enhancement: Added the ability to display all Events collected from selected IED(s).
- Minor: Fixed issue where RecordBase View was not able to display the fetched record when it was collected from the IED using Modem communication. This affects RecordBase view version v5.5a.
- Minor: Fixed issue where the heading of the “Message” column was missing when printed in Portrait mode.

v5.5a – 2023-09-07

- Enhancement: Added support for TESLA 4000 Model 4000-A firmware v1.0 with setting version 701.

v5.5 – 2021-12-17

- Enhancement: Added compatibility support when running RecordBase Central Station v5.5 or higher as a service.
- Minor: Fixed issue where database conversion from Microsoft Access to SQLite failed if any non-record files, such as COMTRADE, were present in the database.

- Minor: Fixed issue where RecordBase View stopped functioning when adding an unrecognized record instead of notifying the user of the issue.
- Minor: Fixed issue where an unexpected error message “Could not obtain product list: (1) Generic Error.” was displayed under certain conditions when settings were saved in RecordBase View.

v5.4 – 2021-06-01

- Enhancement: Improved the speed of database conversion and repair operations in RBView.
- Enhancement: Reduced memory usage to allow databases containing more than 1.5 million records to be opened, representing a 2x increase.
- Minor: Fixed an issue with database conversion/repair where record names would not always retain their original name.
- Minor: Fixed an issue where carriage returns in the RBV/RBA comment field can sometimes appear to get lost and multiple lines unexpectedly combine.

v5.3 – 2021-03-24

- Enhancement (TESLA 4000-SV): Added support for displaying Data Quality in the event lists created by IEDs with v1.1 firmware or above.
- Minor (All): Fixed issue where the record names were missing in the Print Record list, Print Record list preview, Print Summary and Print Summary preview.
- Minor (All): Fixed issue where the information for only one record was displayed when multiple records were selected when using Print Record list, Print Record list preview, Print Summary and Print Summary preview.

v5.2 – 2020-12-04

- Enhancement (TESLA 4000-SV): Added support for displaying Virtual Input events with enumerated data types of Dbpos (breaker position), Health, Int32, and Int32u, in records created by IEDs with v1.1 firmware or above.

v5.1 – 2020-06-30

- Enhancement: Added support for TESLA 4000-SV with sampled value recording.
- Minor: Fixed issue where adding or querying for records fails if the Station Name contains special characters (' " < > &).

v5.0 – 2020-03-02

- Enhancement: Added support for RecordBase Central Station v5.0.
- Enhancement: Added SQLite database support with database management functionality. This replaces the Microsoft Access database, which was restricted to a maximum file size of 1GB. Existing Microsoft Access databases must be converted to SQLite before use with RecordBase View 5.0.
- Enhancement: Changed from a network drive-mapped model to a client-server model for access to remote databases. This allows for more efficient and controlled access and management of the remote database. IMPORTANT: Read and understand section 2 of

the v5.0 RecordBase View manual prior to updating/installing to understand the implications of the new access model.
- Enhancement: The record list automatically updates whenever the database contents change without having to manually refresh.
- Minor: Fixed issue where RecordBase View does not display the active setting group of L-PRO 4500 and T-PRO 4500 records.

v4.3 – 2019-03-31
- Enhancement: Added the ability to configure the mode in which time is displayed: UTC, Local Time with Daylight Saving Time (DST), or Local Time without DST.

v4.2 – 2018-04-13
- Enhancement: Added support for B-PRO Multibus
- Enhancement: Added support for L-PRO 4500
- Enhancement: Added support for T-PRO 4500
- Enhancement: Added support for F-PRO 216
- Enhancement: Added support for F-PRO 295
- Enhancement: Added support for F-PRO 297
- Enhancement: Added support for F-PRO 298
- Minor: Fixed issue where RecordBase View and RecordBase Administrator only worked for users with administrator privileges.
- Minor: Fixed issue where the filter values for RecordBase View and RecordBase Administrator were reset when the user clicked on the “Refresh” button.

v4.1 – 2016-12-18
- Enhancement: Add compatibility with records created by units that support leap second.

v4.0 – 2015-12-19
- Enhancement: Removed dependency on Microsoft Access Runtime to eliminate the need for 3rd party software to be installed. This resolves compatibility issues with newer Windows operating systems and with systems having Microsoft Access 2010 or later. No database conversion is required. The appearance of the user interface changes but the functionality is unchanged except as noted in this release description.
- Major: Corrected issue with high CPU usage when cursor is over RecordBase View window.
- Major: Improved date and time format handling to enhance support for installation on computers configured for languages other than English (Canada). Note that only English (Canada) is fully tested.

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.