

ASPEN Relay Database Version 9.10 Maintenance Update

Please find enclosed the installation CDs for *ASPEN Relay Database*™ version 9.10. This maintenance release contains fixes for all known bugs to date and some new features and improvements. You can use the enclosed CDs to update existing *ASPEN Relay Database*™ Version 9 installations or to make new installations.

- Run \rdb\setup.exe on the 'Administrator' CD to create or update an administrator installation, which includes both the Relay Database Administration Program and the Client Program.
- Run \rdb\setup.exe on the 'Client only' CD to create or update a client installation. This will not install the Administration Program.
- Run \rdb\websetup.exe on the 'Administrator' CD on an intranet web-server computer to create or update the Web Interface module.

This maintenance update requires no change in the database structure of existing ASPEN Relay Database version 9.

If you are using a version of the Relay Database prior to version 9, please consult the Administration Manual or on-line help for database update instructions.

Please write (support@aspeninc.com in English or soporte@aspeninc.com in Spanish or Portuguese) or call (650-347-3997) us if you have questions.

New features and improvements between V9.8 and V9.10 of the Client Program

- **New and improved relay setting import filters:**
 - Setting files in CSV format from GE software.
 - Setting files in text format for BASLER BE1-GPS100, BE1-DCS220 relays.
 - More accurate translation of Cooper form 6 setting.
- **Ability to export and import text data for all objects:** Users can export and import text data for all data objects in the database, including relay, relay test, breaker, transformer, CT, PT, Communication and the three user-defined types.
- **Store links and files in the Location Form:** The Store Links and Store Files buttons are now available in the Location Form.
- **Improved Create Briefcase command:** The command now runs several times faster. Users are provided with more options for selecting relays to include in the briefcase.
- **New database script functions:**
 - *RunProgram* function: launch application from script program.
 - *GetScanSelectedIDs*: retrieve ID field of all selected records in the Scan Form.
- **Enhanced Compare Setting Request command:** The command now displays more fields in the selection list, making it easier for the user to select the request for comparison. The program also displays location selection list in sort order.

- **More datasets in report file:** Users can now define up to 32 datasets in a report, up from 16.
- **Store link to disk folder:** User can now specify disk folder in the Store Link dialog box. When a saved link is clicked on, the folder will open in the Windows Explorer.
- **Improved Form Reset command:** Reset of form parameters now takes effect immediately after user executes the Tools | Reset Form command -- instead of after program restart.
- **Group records in Scan Form by linked object:** When this option is enabled by the administrator, the list in the Scan Form are organized by groups, each of which consists of data records that share a common linked object in one of the three user-defined tables.
- **Improved Tools | View Journal command:** Users can now filter and sort journal data records for easy viewing and inspection. Users can also export journal records to an Excel CSV file.

New features and improvements between V9.8 and V9.10 of the Admin Program

- **Ability to add new data fields to the database table:** The administrator can now add new fields to any of the database tables.
- **Improve performance of backup and restore command:** The backup and restore command now run much faster than in previous versions.
- **New user privilege:** Administrator can now grant user privilege for storing file in data forms.
- **Improved Custom Setting and Test Form:**
 - Users can now add to Custom Setting and Test Form DBLabel controls that display data from TRELAY, TTEST and TREQUEST tables.
 - User can drag a selected field from the database tree and drop to the form layout to create a control for this field.

New features and improvements between V9.8 and V9.10 of the Web Interface Module

- **Copy Setting and Test Request to Other Relay command:** This command was not available in the web interface previously.
- **Stored Links:** User can open linked files and folders in the Web interface. This command was available only in the PC client program previously.

New data transfer scripts

V9.10 includes new sample scripts to transfer relay setting data from Relay Database to Oneliner for the following relays:

- SEL: SEL-121, SEL-167, SEL-267, SEL-221, SEL-251, SEL-351, SEL-421, SEL-451, SEL-551, SEL-587.
- GE: D60, L60, D90, L90.
- Areva: P437, P441, P443

Bug fix in version 9.10

- Fixed problem in displaying table name in the Scan Dialog in the Web Interface.
- Fixed problem in briefcase-file synchronization when the date format on the workstation computer and the server are not the same.
- Fixed problem in import relay setting from SEL-5030 software version 4.9.4.0 and later.
- Fixed a bug that caused problems when adding new rows to a setting template.
- Fixed a bug that prevented the Setting Form from being updated when the content of the form is modified by an event-handling script.
- Fixed a bug that caused the program to process scripts in event *OnAfterUpdateSetting* incorrectly.
- Fixed a bug in implementation of report script function *GetFieldValue*.
- Fixed a bug that caused the report script to fail when the report is executed in report design environment.
- Fixed a bug that caused the setting group tabs in the Setting Form to be listed in random order.
- Fixed a bug that caused the Relay Type label in the Setting Form to be displayed only partially.
- Fixed a bug in briefcase synchronization command that caused incomplete synchronization between data from briefcase and the main database.
- Fixed a bug that prevented the user to modify the contents of newly added data field.
- Fixed a bug in report generation logic that caused failure in saving report file.
- Fixed a bug that caused the program to show hidden records in the Scan Form.
- Fixed a bug that caused the program to import setting values, ranges, and comments even if they were not selected in the import option screen.
- Fixed a bug in the Web Interface Module that caused addition of blank space to setting value field that is null.
- Fixed a bug that caused the program to display empty pick-list in the web interface.
- Fixed problem in displaying setting value in the web interface.
- Fixed problem that caused the program to ignore the required field check procedure when updating change for a record in web interface. The program should not allow user to save a record when one of its required field is empty.