

S7-Backup Release Notes

Version 2.6.1.0

- Bugfix: when there is an error while opening a file, the error was not reported
- Added settings for the Reachable PLC scanner
- Added advanced settings option in connection settings
- Updates Connection library, which improves S7Block de-compilation

Version 2.6.0.0

Added all new and improved Data block viewer. Also consolidated the Data block code and data elements into one. During download, one can decide to download only Current data of the data block or the whole MC7 block.

Version 2.5.0.0

Added “PLC Discovery” to check for all Reachable PLCs on the current IP network. Improved Translations for PLC Settings (Dropdown settings are now translated) and many minor bugfixes

Version 2.4.0.0

Drag and Drop between online and Offline View, this makes the UI much more intuitive to use. Introduced “Filters” to only show relevant block-types in the Online and Offline block lists. Many minor UI bugfixes.

- Drag and Drop
- Filters in Block View
- Many minor UI bugfixes
- Internal Code refactoring

Version 2.3.0.0

The blocks can now be viewed as “AWL” sources and exported as binary blobs or “AWL Sources”. The “AWL Sources” are generated without Symbolic Tag information and Comments, since these are only Available from Step7 Source Code, but this function still helpful for Reverse engineering.

Fixed Many minor UI Glitches

- AWL Source viewer for Uploaded Blocks
- Export of Uploaded Blocks

Version 2.2.0.0

Translation of S7 Backup User interface into “English”, “German”, “Spanish”, “Portuguese” and “French”. Many minor adjustments to accommodate Globalization and Localization.

- Localized Application GUI

Version 2.1.0.0

Added Dedicated S7BackCmd executable for Command line executions of the tool. The command line is compatible with version 2.0.0.0.

- Minor Bug fixes
- New S7BackupCmd executable

Version 2.0.0.0

This version is mostly a complete rewrite of the Backup applications. This was necessary to include the new functionality. **The Backup archives are NOT compatible. Also the command line parameters are not compatible anymore.**

- All new User interface for easier handling
- Added Support for Code blocks and Hardware configuration
- 64 Bit support
- Added PLC Status view and PLC Start and PLC Stop commands
- Code blocks can now be viewed in machine code form (without symbols)
- Changed from Multiple PLC's per Backup file to a much simpler "one PLC per Backup file" approach. This means, if you have more than one PLC you will have to one backup file per PLC.

Version 1.2.3.0

- Correcting Crash when trying to edit TCP Settings
- Corrected Crash when testing the PLC Connection
- Timeout is now configurable
- Added Tooltips to Settings
- Minor UI improvements

Version 1.2.2.0

- Bug fixing in S7 Connections: Closing a connection did not free the TCP connection to the PLC, and left it open until the application is closed. This potentially could exhaust the connections to the PLC.
- Improved Connection Timeout and failure Handling
- Added more logging

Version 1.2.0.0

Update to .Net Framework Version 4.0 Full. And Windows integration.

- Registered Configuration and Backup file types to Windows Shell
- Added feature that double clicking on file in Windows Explorer will load the application

Version 1.1.0.0

Added Support for Marker Area

Version 1.0.0.0

First Release with support for Backup and Restore of Data blocks form a configured PLC.
Application now comes with an Installer.

- Configuration is now Saved in separate Configuration files
- Adjusted UI (colors and Icons)
- Added Online Block View/Selection
- Improved Settings UI
- Updated Current .Net Framework

Version 0.4.0.0

First Beta Release with support for Backup and Restore of Data blocks form a configured PLC. New Ribbon User Interface

- Backup of Data blocks
- Restore of Data blocks, considering eventual online/offline length differences