



## Release of LIB 520 Ver. 4.1

Dear Reader,

We are pleased to announce the release of LIB 520 Ver. 4.1 application library. This version of LIB 520 includes support for IED 670 products in **LON based** MicroSCADA and MicroSCADA Pro systems.

The LIB 520 Ver. 4.1 contains the following major additions:

- HV/Control 670: Control functionality for IED 670 products in LON based systems
- HV/IED 670: Automatic Alarm and Event database creation and address mapping for pre-configured IED 670 products in LON based systems.

This function utilizes **Database Templates** (.tpl files), that are available for each pre-configured IED 670 product.

### Content

This LIB 520 Ver. 4.1 contains the following software packages:

- HV/Control 2.5
- HV/Collect 3.1
- HV/VCTR 2.3
- HV/REx 500 4.1
- HV/Control 670 1.0
- HV/IED 670 1.0



## Supported IEDs

LIB 520 Ver. 4.1 supports the following protection and control IEDs:

- 500 Series
- IED 670 products (REL 670, RED 670, RET 670, REB 670 and REC 670)

LIB 520 Ver.4.1 replaces the earlier LIB 520 releases for the following MicroSCADA versions:

- MicroSCADA Pro
- MicroSCADA 8.4.5
- MicroSCADA 8.4.4

## Additional information

When LIB 520 Ver. 4.1 is used in LON based MicroSCADA Pro (SYS 600) system, the graphics will be the same as in MicroSCADA 8.4.4 and 8.4.5 and not the new MicroSCADA Pro graphics.\*\*

## User documentation

The following documentation is available for LIB 520 Ver. 4.1:

Document	Document id
User's Manual, HV/Control 670	1MRK 511 180-UEN
User's Manual, HV/IED 670	1MRK 511 181-UEN

\*\* It will be possible to use the new graphics with IED 670 products also in LON based MicroSCADA Pro systems in the next release of MicroSCADA Pro. This release is scheduled for the end of April 2006.

## Installation

You can install LIB 520 program package by running the installation program and follow the instructions given by the installation program.

To install the Database Templates, follow the steps below. Please note that SYS 500/SYS 600 and LIB 520 needs to be installed first:

1. Right-click the Database Template zip file to down-load all released Database templates in zipped format
2. Select Save Target As
3. Download the zip file to the Desktop of the MicroSCADA PC, or any other directory of convenience
4. Open the file with the WinZip software
5. Activate the Extract function
6. Locate the following directory on the MicroSCADA PC:  
[drive]:\sc\LIB4\smod\HVIED\_670\lang0
7. Extract all Database Template files (.tpl) to the directory



**LIB 520 Ver. 4.1**  
Release Note

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**Download**

The LIB 520 program package and Database Templates can be downloaded from [www.abb.com/microscada](http://www.abb.com/microscada).

Kind regards,

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ABB Power Technologies AB  
Substation Automation Products