

This document describes the HV/IED 670 function and the Database Templates needed by the function. It also gives a Guideline for how to install the Database Templates.

## 1 HV/IED 670 functionality and Database Template overview


The HV/IED 670 functionality is used for automatic creation and address mapping of process objects for Alarm and Event in the SYS 500/SYS 600 database (version 8.4.4 or later). The functionality can be used only for pre-configured IED 670 in LON-based systems. If the configuration of the pre-configured IED is changed with respect to Event blocks, the SYS 500/SYS 600 database has to be manually modified accordingly. For every IED 670 pre-configuration available there is a corresponding Database Template file (.tpl). The Database Template is used by the HV/IED 670 function to create the process objects for Alarm and Event and to do the address mapping.

## 2 Installation of Database Templates

Database Templates need to be installed separately for the HV/IED 670 function to work. As the Database Templates are not a part of the LIB 520 installation package, they can readily be updated without re-installing the full LIB 520 package.

To install the Database Templates, follow the steps below (note that SYS 500/SYS 600 and LIB 520 shall 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

Type des.	Part no.			
Prep. PS/X/TP/T / Göran Brorsson	2006-04-11	Doc. kind	Guideline	No. of p.
Appr. / Apell Gert	2006-04-21	Title	IED 670 Database Template Guideline	2
Resp. dept PS/X/TP/T	Approved	Doc. no.	1MRK115-038	Page
 ABB Power Technologies AB		Lang.	en	1

**REVISION**

Rev. ind.	Page (P) Chapt. (C)	Description	Date Dept./Init.

