

STRATON Brand Labelling V15.0

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1 Overview

This document explains how to use the Brand Labelling package for customizing the STRATON Workbench. This document is based on STRATON Workbench version 15.0.

2 Preparing material

Before anything, you need to customize few files in STRATON.

2.1 The K5ABOUT project

The \K5About folder contains a C++ project for Microsoft MSDEV for building K5ABOUT.DLL. This DLL is in charge of giving the product name and the About... dialog box.

2.2 The On Line Help

The \OnLineHelp folder contains the source code of On Line Help in English. The Help is designed as a set of HTML pages, to be compiled with the Microsoft HTML Help Compiler (free). The folders contain the .HHP project files for the HTML Help compiler.

2.3 Changing the icon of the Workbench

If you want to change the application icon of the workbench (W6MAIN.EXE) then you just have to replace the file **K5.ICO** in the **\BITMAP** folder of the Workbench application data.

3 Creating a setup

3.1 Protection

If you want to use the hardware protection key (dongle), then you need to install the WIBUKEY USB driver as a prerequisite. The installation tool for this driver can be freely downloaded from www.wibu.com.

If you want to use software protection then you don't need any more to install WKWIN32.DLL in the system folder of Windows.

3.2 Files to be installed

The setup must install the STRATON files in two separate folders, according to Windows 10/11 conventions:

PROGRAMS: normally installed in \Program Files (x86)

DATA: must be installed in a non-protected area.

To know the list of files to be installed, use our setup and specify two separate folder pathnames during setup. Just after installation, these folders will give you the exact list of files to be installed. Then you will have to change:

- K5About*.dll with your customized version
- K5Help*.chm with your customized version
- K5Readme.chm with your own ReadMe file (or remove it if you do not need a ReadMe)

In the PROGRAMS area is a folder called “Tutorials” with a list of PDF files that can be open from the SRATON Help menu. Feel free to change the contents of this folder.

In the PROGRAMS\IOD folder are fieldbus or I/O configuration DLLs. Simply add or remove DLLs to match the list of configurations you want to support. See list of DLLs in appendix.

In the DATA\HWDEF folder you can add your own folder(s) with your extensions (I/Os, profiles...).

3.3 K5ROOT.INI

This file must be created by your setup and establishes the link between installed programs and the DATA area. Below are the expected contents of this file:

```
[ROOT]
HELP=THIS
DATA=full pathname of the installed DATA folder
LICENSE=full pathname of the installed DATA folder
```

3.4 Application shortcuts

Your setup should create a system shortcut to W6MAIN.EXE which is the Workbench. Please contact us if you want to install more shortcuts to other tools.

4 Appendix A: \IOD configuration DLLs

Below are the DLLs installed by STRATON in the \IOD folder. Note that some of the DLLs listed here are installed by the STRATON Add-ons Setup for Energy.

"K5Bus62056"	IEC 62056
"K5Bus870Slave"	IEC 60870 Slave
"K5BusAdam"	Advantech ADAM 5550
"K5BusAnyCompactCom"	Anybus-CompactCom
"K5BusApax"	Advantech APAX
"K5BusAppIO"	AppicomIO configuration
"K5BusAsi"	AS-interface
"K5BusBNMSTPS"	BACnet MSTP Server (Slave)
"K5BusCAN"	CAN bus
"K5BusCANOpen"	CAN Open
"K5BusDF1Half"	DF1 - SLC500 - SLC5/0X
"K5BusDNP3M"	DNP3 Master
"K5BusDNP3S"	DNP3 Slave
"K5BusDNP3SL3"	DNP3 Slave Level 3
"K5BusDNP3SL3V2"	DNP3 Slave Level 3 (V2)
"K5BusEIPC"	Ethernet/IP I/O Scanner (client)
"K5BusEIPFIO"	FlexIO / PointIO
"K5BusEIPS"	Ethernet/IP Adapter (server)
"K5BusEIPTag"	Ethernet/IP Tag Client

"K5BusEther"	Ethercat configuration
"K5BusExPBCIFXSLV"	Hilscher CIFX Profibus Slave
"K5BusGPIO"	GPIO Generic device
"K5BusHMS"	Anybus configuration
"K5BusIec850m"	IEC 61850 Client
"K5BusIec850s"	IEC 61850 Server incl. GOOSE
"K5BusIec870m"	IEC 60870 Master
"K5BusIOTools"	Brodersen IOTOOLS
"K5BusMBMaster"	MODBUS Master
"K5BusMBSlave"	MODBUS Slave
"K5BusMdio"	PLC-MDLC-R
"K5BusMECS7"	COPALP Runtime for SIEMENS EC31 (S7-mEC)
"K5BusOPC"	OPC Client DA
"K5BusOpenEPL"	Open PowerLink
"K5BusPhasor"	IEEE C37.118 Synchrophasor
"K5BusPNIODev"	PROFINET IO device
"K5BusProfNetIO"	PROFINET IO controller
"K5BusQBF"	Mitsubishi Controller
"K5BusSCADOC"	SCADOC RTU
"K5BusShm"	Windows Shared memory
"K5BusShm2"	Shared memory (embedded systems)
"K5BusSoftNet"	SoftNet ProfibusDP
"K5BusSycon"	Hilscher SYCON configuration
"K5BusWago"	Wago Linux Controller
"K5BusWinPac"	ICP-DAS WinPac/XPAC
"K5BusXFLOW"	XFlow

5 Appendix B: Differences in file sets 14.0 and 15.0

This section gives you the list of all files added or removed in version 15.0 compared to version 14.0. This relates to the file set installed by the standard STRATON IDE setup.

Only in 14.0:

Programs\TutorialSAMA.pdf

Only in 15.0:

Programs\IOD\K5BusDriverRevpioBus.dll
Programs\IOD\K5BusPyMailbox.dll
Programs\IOD\RevolutionPi\RevPiCompact.global
Programs\K5ToolsPWZMRT.dll
Programs\K5ToolsPWZSVN.dll
Programs\K5XML10.dll
Programs\W5EditMRTLloop.dll

Data\HwDef\LIN\
Data\HwDef\Modular runtime\
Data\Resources\
Data\Template\MRTtemplate\