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Software - IBS CMD SWT G4 DEMO - 2722124

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Network configuration demo software for INTERBUS Generation 4

Product Description

As a result of manufacturer independence, a bus system for open, flexible control architectures must provide the user with a concept for a universal and, above all, manufacturer-independent operation and diagnostics of a system. The configuration, system startup and diagnostic software CMD (Configuration Monitoring Diagnostics) has been developed for INTERBUS. The most important features of this software are the independence from the control system used and the flexibility with respect to program expansions, new functions and add-on programs. The DRIVE-COM User Group, for example, offers add-on programs for parameterizing drives according to the DRIVECOM profile.
In order to meet the requirements of users, our INTERBUS expertise continues to improve its software capabilities.
CMD for all phases:
CMD is a tool used throughout the entire lifecycle of a plant, from planning and configuration, through system startup to operation monitoring, and finally diagnostics in the event of maintenance. For the user this eliminates the costs and effort of learning to use several software tools.
The CMD software allows the user to determine the configuration of the INTERBUS system during the configuration phase. The I/O points can be assigned logical addresses or variables, through which the control program will later access the distributed I/O.
During system startup, a functional test of the system can be performed using an integrated monitor function.
The diagnostic functions continuously provide detailed information on the bus status, indicate the causes for any errors, and suggest remedies.
CMD for globally established operating systems:
CMD can now be run under Windows operating systems for any standard PC system. The familiar interface facilitates learning to use the software, and thus learning to use the entire INTERBUS system.

Key Commercial Data

Packing unit	1 STK
GTIN	4 017918 140809

Technical data

License information

Type of software	Configuration
	Diagnostics
	Data acquisition
	Communication
	Startup
	Servicing

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Technical data

License information

	DIN EN 61131-3 compliant
	Security

Functions

Number of I/O nodes	not relevant
Basic functions	Executing important commands (start/stop/...)
	Reading in the installed bus structure
	Detecting/representing error states (plain text from knowledge database)
	Saving diagnostics data in flash memory or parameterizing memory of the controller board
	Diagnostics of INTERBUS FO paths (transmission quality)
	Can be linked into other 32-bit applications as ActiveX Control including programming interface for further processing of all diagnostic data
	Configuration comparison of Ethernet topologies (parameterized with real topology)
	Reading out the Controller Diagnose Archive
Supported controllers	INTERBUS Generation 4 controller board

Hardware requirements

Hard disk	62 Mbyte
Note on the main memory	16 MB or more recommended
CPU	Min. 80486/ 33 MHz
Interfaces	Free serial interface for online connection
Optical drive	CD-ROM
Monitor resolution	SVGA mit min. 800 x 600
Operating equipment	Keyboard, mouse

Software requirements

Operating systems	MS Windows® NT 4.0 SP6
	MS Windows® 2000
	MS Windows® XP

Classifications

eCl@ss

eCl@ss 4.0	27250270
eCl@ss 4.1	27250270
eCl@ss 5.0	27242501
eCl@ss 5.1	27242501
eCl@ss 6.0	27242501
eCl@ss 8.0	27242590

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Classifications

ETIM

ETIM 2.0	EC001435
ETIM 3.0	EC001435
ETIM 4.0	EC001435
ETIM 5.0	EC001435

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 13.2	43232401

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