

Drive Technology > Tools

Cyclic/non-cyclic transfer of parameter values using SimaticNet Profidrive OPC server via Profibus-DP with Excel as OPC client[Intranet]

Description:

A simple control and setpoint input of a MICROMASTER 440 via the cyclic channel of PROFIBUS-DP according to OPC PROFIDRIVE profile with Excel as OPC client.

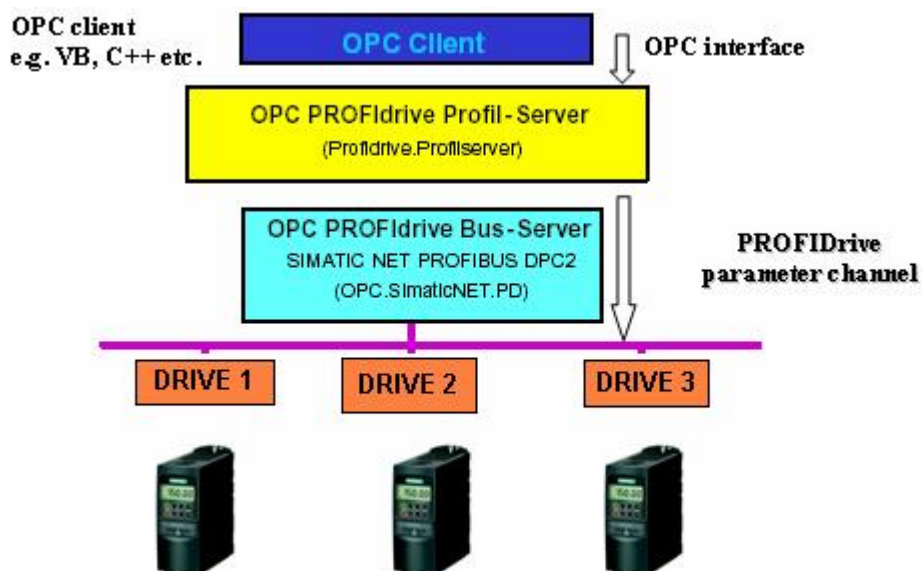
This application is used to demonstrate and present the direct control of a MICROMASTER 440 as DP slave connected to PROFIBUS, whose advantages and customer benefits are used to support sales, promotion and specialist support as well as in training courses.

Parameters of the MICROMASTER 440 are accessed in a user-friendly fashion via the PROFIdrive parameter channel of PROFIBUS-DP using the OPC-PROFIdrive profile server (Profidrive.Profilserver) and the OPC-PROFIdrive bus server (OPC.SimaticNET.PD) with EXCEL as OPC client. Parameters can be cyclically read and non-cyclically (acyclically) written to.

In this case, the PROFIdrive profile server, based on the OPC standard, compiles the complicated DPV1 functionality into user-friendly device and parameter names.

The OPC-PROFIdrive bus server is used to connect MICROMASTER 440 to the OPC client using the DP protocol. Data is exchanged using so-called parameters.





The OPC-PROFIdrive bus server maps the parameters of the OPC-PROFIdrive profile server on the SIMATIC NET DPC2 service. The OPC client accesses, on its side, the OPC-PROFIdrive profile server.



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Downloads

Content of Downloads	Download
Documentation (German) Zyklische/azyklische Übertragung von Parameterwerten über SimaticNet Profidrive OPC Server via Profibus-DP mittels Excel als OPC Client	
Documentation (English) Cyclically/non-cyclically transferring parameter values using SimaticNet Profidrive OPC Server via Profibus-DP using Excel as OPC Client	
Code MM440_PROFIDRIVE	
Code 2 OPC DATACONTROL PROFILSERVER	

History

Version	Date	Modification
V1.0	MM440; OPC Server; Profibus- DP	first edition

Keywords:

MM440; OPC Server; Profibus-DP

Filter criteria:

Hardware platform: MICROMASTER
Software: OPC
Entry contents: Programming example

Part number:

6SE6440.. MICROMASTER 440 - 0.37KW - 75KW

Entry ID:24332811 **Date:**12/18/2006

