Fisher[™] FIELDVUE[™] DVC6200p DTM with PACT*ware* 4.1

This document takes your through establishing a connection to PROFIBUS PA device DVC6200p in Pactware 4.1 through PROFIusb USB and the installation of the supported DTM.

Notes

The information found in this document can also be used to establish connections to FieldCare[™] and FieldMate configuration tools.

Refer to the DVC6200 Series Quick Start Guide, <u>D103556X012</u>, for DVC6200p installation, connection, and initial configuration information and the DVC6200p Instruction Manual, <u>D103563X012</u>, for all other information pertaining to the DVC6200p digital valve controller, including product specifications, reference materials, custom setup information, maintenance procedures, and replacement part details.

DTM Supported:

DVC6200p_Profibus_DTM

Assumptions and Supported Environment:

The following software and hardware should be installed prior to launching the DVC6200p DTM in PACTware 4.1.

S. No	System	Version	Reference Link
1	PD to PA Coupler (Pepperl and Fuchs)	Compact PROFIBUS Power Hub and Segment Coupler KT-MB-GTB-2PS	http://www.pepperl-fuchs.u s/usa/en/classid_1482.htm? view=productdetails&prodid =36114
2.	PROFlusb USB	H/W V1.03 Driver Ver. 5.45.11	Drivers included with CD/DVD when purchased
3.	PROFIBUS CommDTM	FROFIdtm	PROFIbus DTM
4.	Pactware 4.1	Ver 4.1	PACTware 4.1 from pepperl-fuchs





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Profibus PA Device + DP/PA Coupler + PROFlusb USB + Pactware 4.1 + PROFldtm

Note

Driver for PROFlusb should be installed and configured as shown in the figure below before launching the DTM.

PROFIBUS Control Panel			×
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PROFIcard 2 PROFILUSD PROFILU4 PROFILU4-S PBpro PCI04+ / PBpro PCI PBpro PCI / PBpro cPCI PBpro PCIe PBpro ETH / FG series	Protocol Driver V5 Hardware Driver V6 Hardware Driver PnP Hardware Driver USB Hardware Driver Application Program Interface Control Panel Applet	5.45.10.00.release (Build 5.45.11.00.release (Build 6.25.10.00.release (Build 5.45.10.00.release (Build 6.25.10.00.release (Build 5.46.1.00.release (Build 5.46.3.00.release (Build	<u>E</u> dit
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Installing the DTM

- 1. Download the DVC6200p_Profibus_DTM and exact the folder. Navigate to setup.exe in the extracted folder.
- 2. Right click on **setup.exe** and click **Run as administrator** from the context menu.



3. DVC6200p device DTM installation will start as shown in the figure below.

	Preparing to Install
0	Fisher Controls DVC6200p DTM Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
	Decompressing: Fisher Controls DVC6200p DTM.msi

4. Click Next as indicated below.



5. Accept the terms in the license agreement and click Next.



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6. Select **Complete** and click Next to continue with the installation.



7. Click Install to begin installation of the DVC6200p Device DTM.



8. Click Finish to complete the installation.



9. The DVC6200p Device DTM is now installed on your machine.

Launching the DVC6200p DTM in PACTware 4.1

1. Go to All Programs and select PACTware 4.1.



2. Right click on HOST PC and select Add device, as shown in the following figure.



3. Select **PROFIdtm DPV1** and click OK as shown below.

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	1	; Device Data Base for Softing DP-Master PBpro
		OK Cancel
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		Pennerl+Fuchs
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- 4. PROFIdtm is added as a project.
- 5. Right-click on PROFIdtm and select Connect, as shown below.

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6. Select **Parameter** from the drop down menu (see previous page) and enter the Baud Rate. Enter 93.75 k Bit/s for the P&F Coupler and 45.45 k Bit/s for the Siemens Coupler.

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evice tag	Address 🚺 🖧 Device type i Status	- David			
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		Board Name:	Piode0 👱	Station Address	þ
		Mac			
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		Max Data Lord	9 9648/1 13 268/5 45 456/8/5		
		Hak Helly Line	187568/a 500k8k/a		
			1.5M8r/s		7 <u>8</u>

7. The PROFIBUS communication DTM is now connected, as confirmed by the green connection status icon (shown in the figure below).



8. Right click on the **PROFIdtm** and select **Topology Scan**.



9. Click the Blue Arrow in the resulting window to start the scan.

Topology Scan	
Scan Path \HOST PC\<0,PROFIdtm>PROFIdtm DPV1	
Scan Tree	
Device tag Address Device type (DTM Message	
PROFIdtm 🔆 0 PROFIdtm DPV1	
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10. The scan is in Progress. Please wait...

Topology Scan				
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Scan Tree				
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11. After the scan is completed the device DVC6200p_DTM is added to the Scan Tree as shown below. Click Close to exit the Toplogy Scan window.



12. Right click on DVC6200P_DTM and click Connect.



13. The DVC6200p DTM is now connected, denoted by the green Connection Status icon, as shown in the figure below.



14. Right click on the device and select **Parameter > Online Parameterization > Parameterize.**

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<u>ب</u> ۲	Beasured value Smulation Diagnosis Print Additional functions Additional device Exchange device Delete device Properties <4,DVC6200P_DTM>DVC6200P_DTM		PACT ware supported by PepperI+Fuchs
	Administrator		

15. The device DVC6200P_DTM Parameterization is now launched in PACTware4.1 as shown below.

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Host FAG HOST FC HE PROFEdam CWC6200p_1037	4.00 mm	 Device type (PROF5dt PROF5dt 	O O	4 EMERSON	Folse - DVCKX0p DTM VI.0 Digital Valve Controller	FISHER
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				Continue Continue	Borton Driver Information Stroke Valve Calibran	

Changing the Device Address

1. Confirm the PROFIBUS communication DTM is connected, as indicated by the green connection status icon.



2. Right-click PROFIdtm and select Additional functions > Show Live List....



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3. Right-click the selected device in the Live List and select **Set Device Station Address**. Type the desired address in New Address: and click Set.



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