Valvescan Type VSD
Intelligent Valve Controller

– Valve Control & Diagnostic Centre Software

INSTALLATION GUIDE MANUAL

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1 General

This document describes how to install Valvescan Valve Control & Diagnostic Centre (VCDC) Software

1.1 System requirements

Operating system: Windows XP (SP3), Windows 7
Programs: Microsoft Word 2010, Microsoft .NET Framework 4

The user must be local administrator on the PC.

Minimum requirements for the hardware
Screen resolution: 1024 pixels times 768 pixels
Processor: Pentium 4 or equivalent
RAM: 256 MB
Disk space: 400 MB

1.2 Software

To install VCDC you need the following software.

- Valvescan VCDC (DDC-SW-001)

For HART compatibility

- V C DTM (DDC-SW-002)
- PACTware 4.1 from ICS
  (http://www.icsgmbh.com/english/PACTware_download.htm)
- HART CommDTM for PACTware
  (http://www.icsgmbh.com/english/PACTware_download.htm)

2   Installation

2.1   Valvescan Valve Control & Diagnostic Centre

a) Run setup.exe and follow the instruction on the screen. Accept the default settings.

   VCDC is now installed and can be started from the "Program Menu".

For HART compatibility complete the following steps.

2.2   PACTware

a) Install PACTware

2.3   HART Com DTM

a) Install the DTM
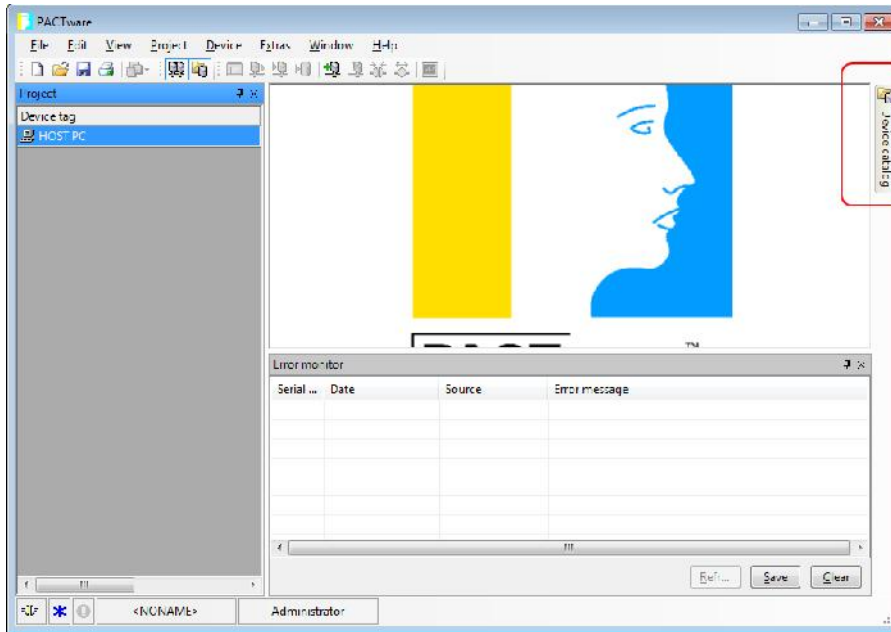
2.4   V C DTM

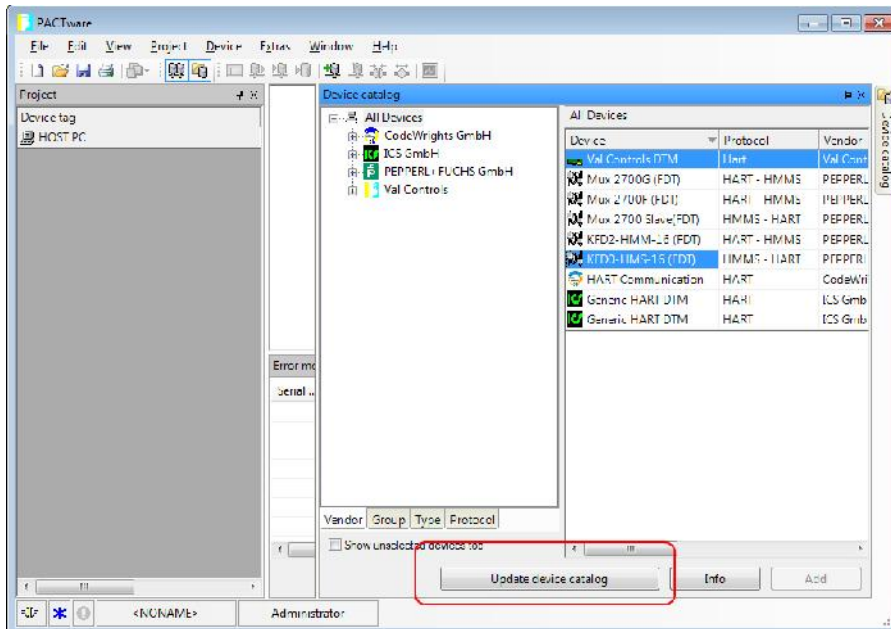a) Run "V C DTM x.x.x.msi" and follow the instruction on the screen. Accept the default settings.

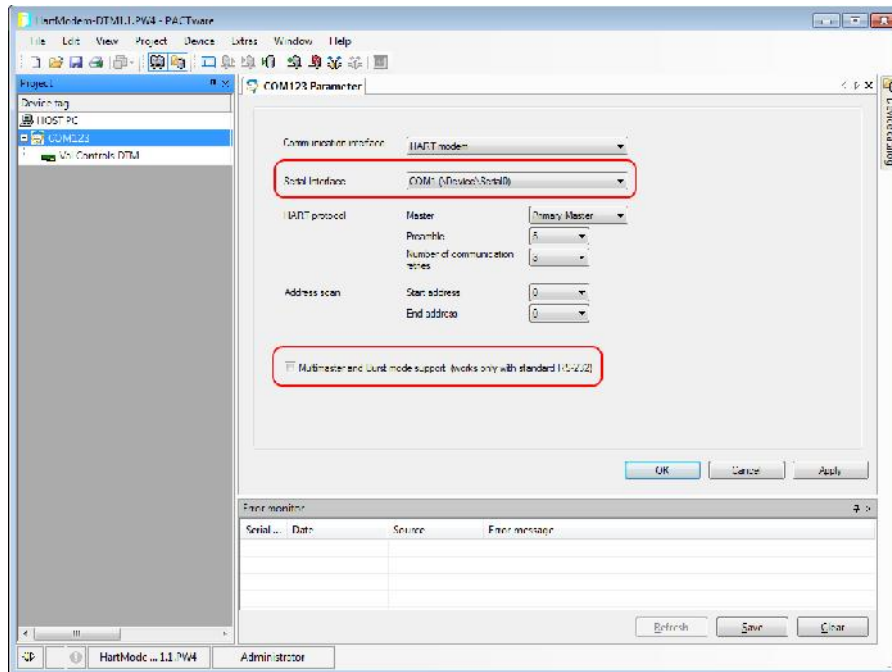## 3   PACTware configuration

Start PACTware from the "Program menu".

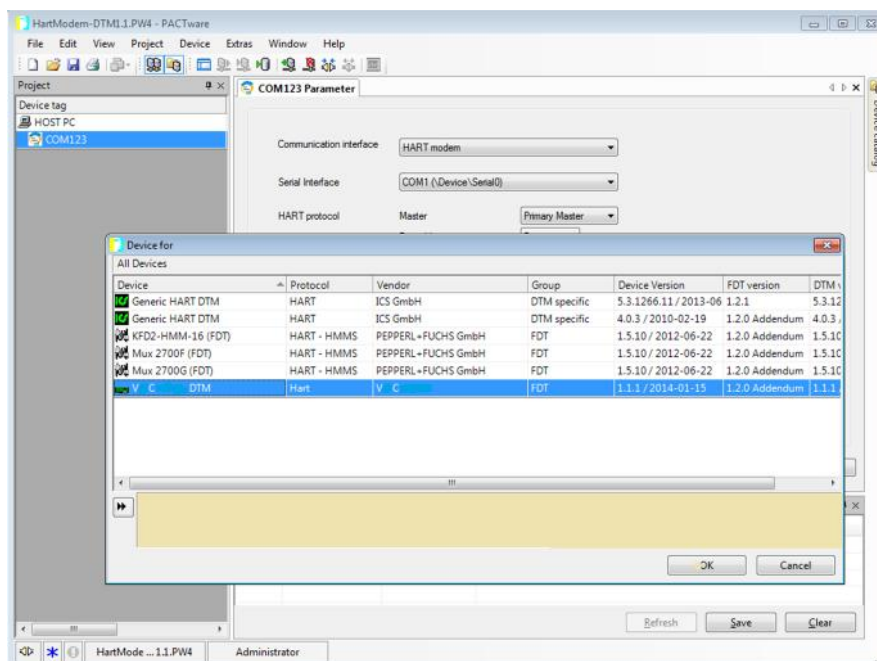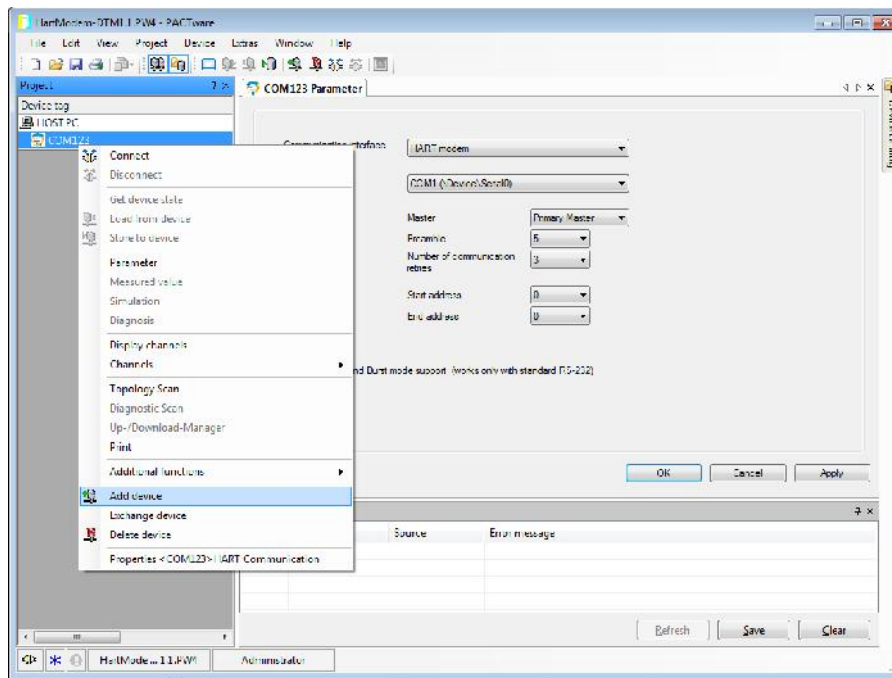1) Open the "Device catalog" by pressing the button to the right.

2) Press the "Update device catalog" button.

Add the "HART Communication" DTM and choose the correct COM port
3) Remove checkmark in "Multi master and Burst mode support"

4) Add the V C DTM

5) Save the configuration as "V__C__.PW4".

4   Start VCDC from PACTware

Connect to the device and open the VC DTM.

Press "Start VCDC" to start Valve Control & Diagnostic Centre with a connection to selected device.
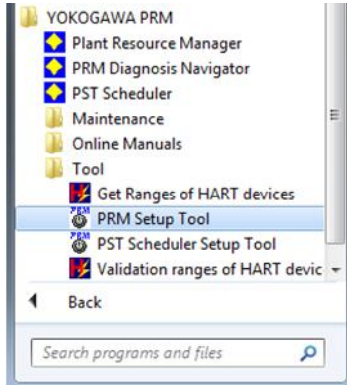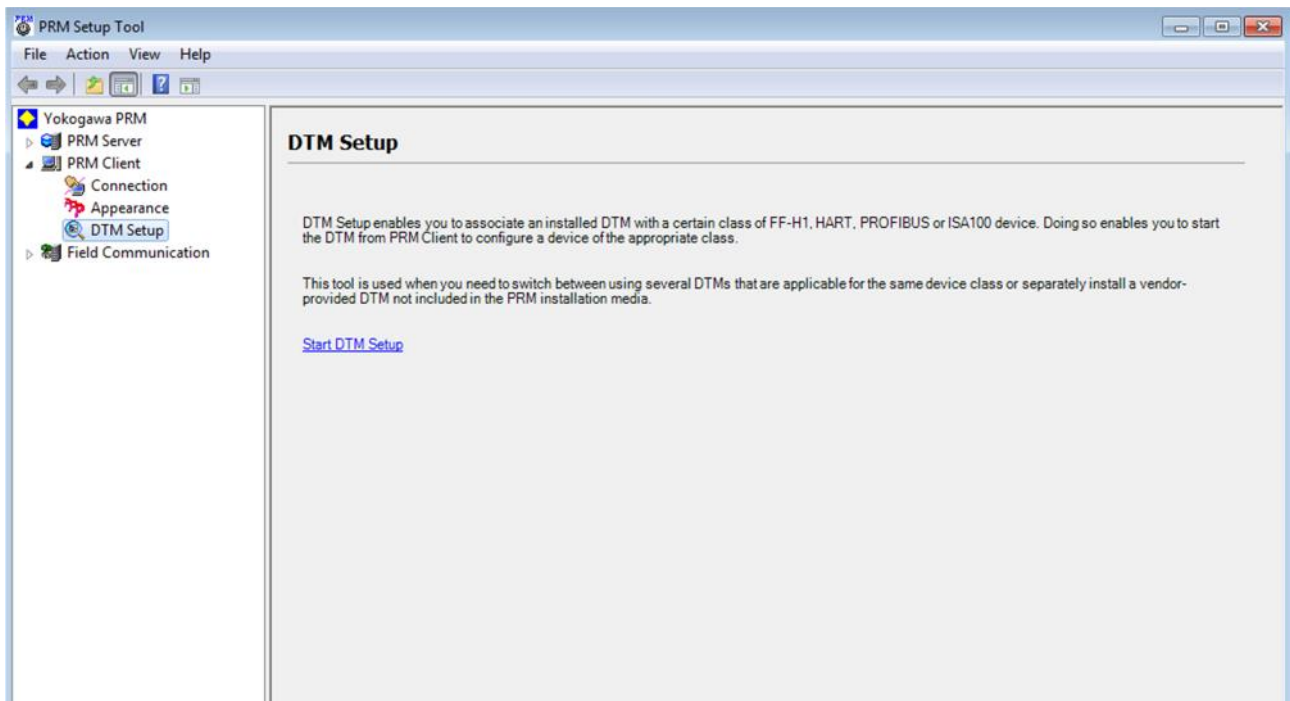
5 Yokogawa PRM

This guide is based on Yokogawa PRM R3.11.20.
Install the V C DTM as explained I section 2.4.
To import the DTM in Yokogawa PRM start "PRM Setup Tool"

Start the "DTM Setup" by clicking on the blue text "Start DTM Setup".

Allow the DTM Setup to update the database.

The necessary Vendor ID and Model ID are not available in PRM and must be entered manually.

Vendor: 0x00602E

VSD (Basic Version): 0xE1F0
VSD (Diagnostic Version): 0xE2FA

Revision Status: Please Contact Imtex Valve Communication (sales@imtex-controls.com)