



SIMATIC PDM V9.0 Process Device Manager

The ideal service and parameter assignment tool

SIMATIC PCS 7

SIMATIC PDM is a universal, multi-vendor tool for configuration, parameter assignment, commissioning, diagnostics and maintenance of intelligent field devices and field components. Using a single software application, SIMATIC PDM facilitates the processing of more than 4,500 devices and device variants from Siemens and over 200 other manufacturers worldwide. All communication standards are configured via the same user interface.

Depending on your requirements, you can use SIMATIC PDM in a variety of ways: from the processing of a single field device in the service station to the processing of vast numbers of field devices in large automation projects.

Advantages at a glance

- › Significantly shorter commissioning times
- › Efficient and fast maintenance of the production plant
- › Easy and user-friendly, plant-wide parameter assignment and monitoring of devices

SIMATIC PDM is ideal for the following applications:

- Single-point station
For the processing of precisely one field device with direct access from SIMATIC PDM to the field device
- Local service and parameter assignment station
For processing several field devices in one field bus segment or remote I/O station.
- HART service and parameter assignment station
For processing HART field devices that are connected by means of HART multiplexers and wireless HART gateways
- Central service and parameter assignment station
For processing field devices with connection of SIMATIC PDM to the central plant bus
- Field device parameter assignment tool in the SIMATIC PCS 7 engineering station
For processing field devices directly in the hardware configurator of the SIMATIC PCS 7 engineering station
- Field device service and parameter assignment tool in the SIMATIC PCS 7 maintenance station
With field device management functions for provision of field device data, parameter assignment and diagnostic information

SIMATIC PDM V9.0: The ideal service and parameter assignment tool



The SIMATIC PDM service and parameter assignment station can be used either locally or centrally. Both application scenarios can be combined in one system, e.g. an autonomous, stand-alone application in the field for the factory acceptance test (FAT) with centralized overall administration.

Thanks to its comprehensive functionalities for configuration, parameter assignment, commissioning, diagnostics and maintenance of intelligent field devices, SIMATIC PDM ideally complements the plant asset management.

SIMATIC PDM is able to determine the device data relevant to plant asset management, and to transfer this in XML format over a standardized interface to the SIMATIC PCS 7 Maintenance Station or SIMATIC PDM Maintenance Station.

Efficient commissioning and prompt service

The new SIMATIC PDM Version 9.0 enables you to cut commissioning and service times significantly in your plant:

- Parameter data can be exported from the engineering station to individual SIMATIC PDM servers, in order to process field devices relevant to specific plant sections without access to the engineering station. This enables a parameter assignment and functional scope test to be performed flexibly on local SIMATIC PDM stations. And with shared data storage!
- The new process device plant view with structured connection point information enables measuring points to be quickly located and enabled for servicing work.

Mobile service

The new Version 9.0 offers excellent flexibility and plant availability by means of the plant-wide access to all field devices with secure server-client communication:

- As many as 30 clients can be connected to one SIMATIC PDM server without needing to install SIMATIC software. This considerably reduces the time spent by service engineers in the control room or moving from one location to another.
- The maintenance personnel can assign parameters to the field devices on stationary or mobile workstations using the standard browser.

The new Version 9.0 of SIMATIC PDM offers you a service and parameter assignment tool that is perfectly tailored to your plant. Convince yourself!

For more information, visit:

www.siemens.com/simatic-pdm