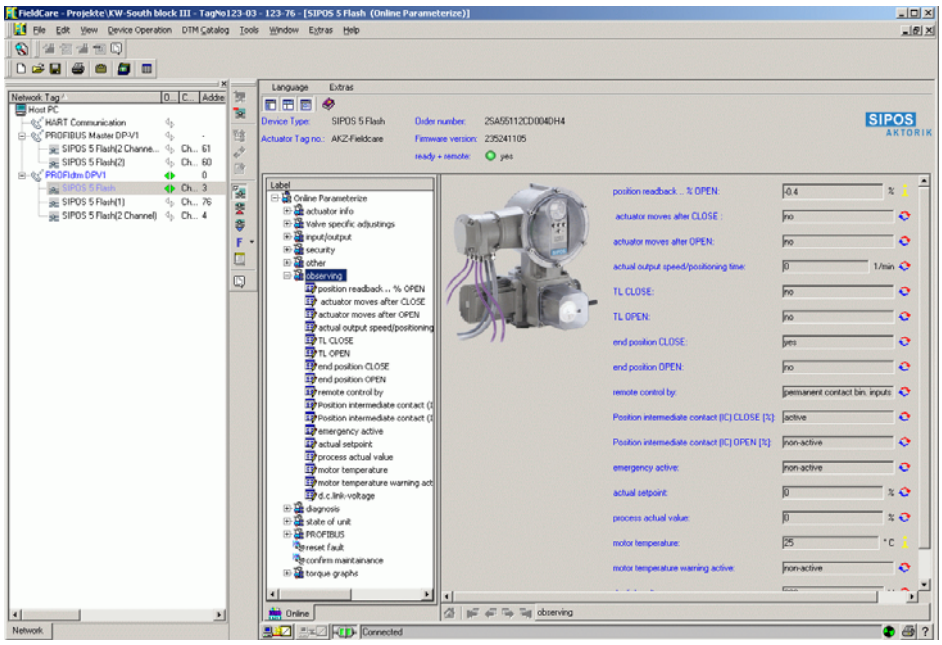
deviceDTM for SIPOS actuators

Remote parameter setup and diagnostics of all devices connected to the fieldbus is ideally done from a central system. FDT/DTM represents a state of the art technology concerning this topic.

With the SIPOS 5 Flash-DTM (device type manager) now a Windows®-based parameterisation tool is available for SIPOS 5 actuators controlled via PROFIBUS.

FDT (see figure below) goes beyond other device descriptions as EDD which are also, however, available for SIPOS 5 actuators. There is now a piece of software, that is similar to a printer driver in office applications and is easily integrated into engineering-/control systems (frame applications).



Main screen SIPOS-deviceDTM (Device Type Manager)

By the help of the device DTM the actuator functions are displayed better and are thus easier accessible. Modern field devices as the SIPOS 5 have around 100 and more parameters, making it necessary to treat the available process data in an intelligent way.
For the SIPOS actuators these are, e.g., the recording and displaying of the torque curves of the valve (T-curve). The SIPOS 5 Flash-DTM provides the means to utilise all the advantages of a standardized, vendor and fieldbus independent engineering system.

Well-defined High Quality

The SIPOS deviceDTM has been generated by the established DTM provider CodeWrights® by means of its development software DTMstudio®. Thus the SIPOS-DTM is based on a DTM standard source code, which has been verified with the dtmINSPECTOR®, the official certified test tool of the FDT Group.
Don't take any chances, but play it safe with the SIPOS DTM when changing to the new FDT technology.

Integrated in ABB's Composer on Symphony™ Control System

New concepts – reliability in every day parameterising makes the difference
Last but not least the acceptance by ABB as an important DTM-protagonist speaks for the SIPOS-DTM.
All tests with Composer 4.0 and the Symphony system were passed successfully and did approve of the reached quality level.

Free Usable Frame Applications

Endress+Hauser's FieldCare™ is a Plant Asset Management system, PACTware™ is a configuration tool distributed by members of PACTware e.V. organisation. These FDT conform frame applications are independent of device supplier and fieldbus protocol. Integrated in it could run various DTMs.

The SIPOS-DTM is recommended to be operated in those software

FDT/EDD

FDT (Field Device Tool) is a vendor independent, open interface specification for the integration of field devices and communications systems. Each system component is represented by corresponding software in the control system, called a Device Type Manager (DTM).

Communication DTMs represents communication components, Device DTMs the field devices. In an EDD file (electronic device description) the field devices are described completely text based and can be operated by tools like Simatic-PDM. With an adequate concept the arrangement of the DTM matches that of the EDD.

www.fdtgroup.org

System Requirements for SIPOS-DTM

- **Frame application**
- **PROFIBUS interface**
- **PROFIBUS CommDTM with Master Class 2 Services**
- **Online mode: SIPOS 5 Flash with PROFIBUS, 1- or 2-channel**

www.sipos.de\software\FDT/DTM