

DataServer

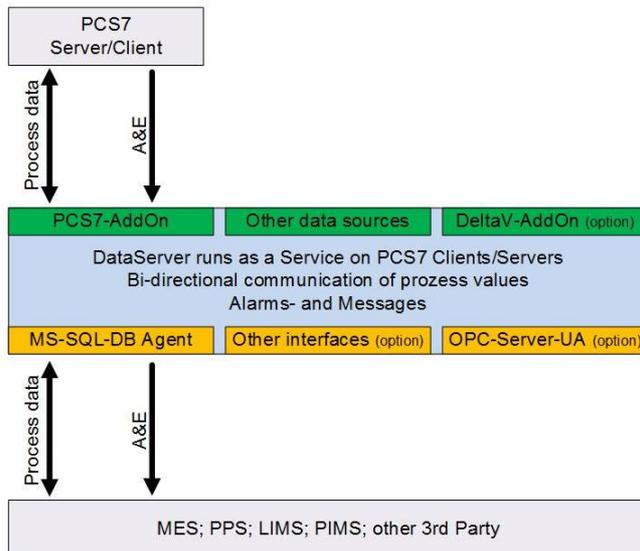
Universal Gateway for the process industry

Providing process information to superior systems

DataServer is a universal gateway that offers several interfaces to collect all your relevant process information from systems acting on ISA-95 Level 2, such as SCADA systems, PLC, DCS or batch automation systems.

DataServer transfers these information through standardized and system independent interfaces to your system acting on ISA-95 Level 2, Level 3 (MOMS, MES, LIMS, WMS, CMMS) or Level 4 (ERP, PDES etc.).

DataServer can collect both: standard cyclic data acquisition (process data) as well as event-driven values (Alarm & Events).



DataServer offers the following interfaces:

- OPC DA/AE + OPC UA (in progress)
- MS-SQL-Server / MySQL
- Serial RS232 / 20mA
- CS275 Teleperm system bus
- TCP/IP
- Modbus RTU / TCP
- Native interfaces for:
 - Siemens PCS7/WinCC
 - Emerson DeltaV

DataServerCC – AddOn for PCS7/WinCC

Especially designed for the process industry, DataServer even offers native interfaces to the most common DCS - such as Siemens PCS7/WinCC.

DataServerCC runs as a service either on a WinCC Server or Client/Multiclient. In normal operation mode, DataServerCC collects all process data and Alarms&Events directly out of the WinCC Runtime database.

In case of a connection lost between WinCC and the DataServer, all missing values will be added out of the WinCC archive database automatically once the connection is established again.

In regards to Alarm&Events, DataServerCC is able to collect all user-defined attributes configured in the WinCC Alarm logging. Even operator interventions like suppressing / hiding alarms can be retrieved with DataServerCC.

DataServerCC can store all collected process information directly into a MS-SQL-Database. The database connection settings as well as the mapping configuration of the alarm attributes to specific database fields is done in a simple configurable ini-File.

Your benefit using DataServerCC

- No additional “data collector” Hardware required (such as OpenPCS7)
- No data loss during system maintenance on the PCS7/WinCC or the superior system
- No additional DCOM configuration settings required

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