



Product Range Name™ (Optional)

PX RS-Bus

The PX RS-Bus solution allows the integration of INTEGRAL AS1000 automation stations directly into the DESIGO PX automation level.

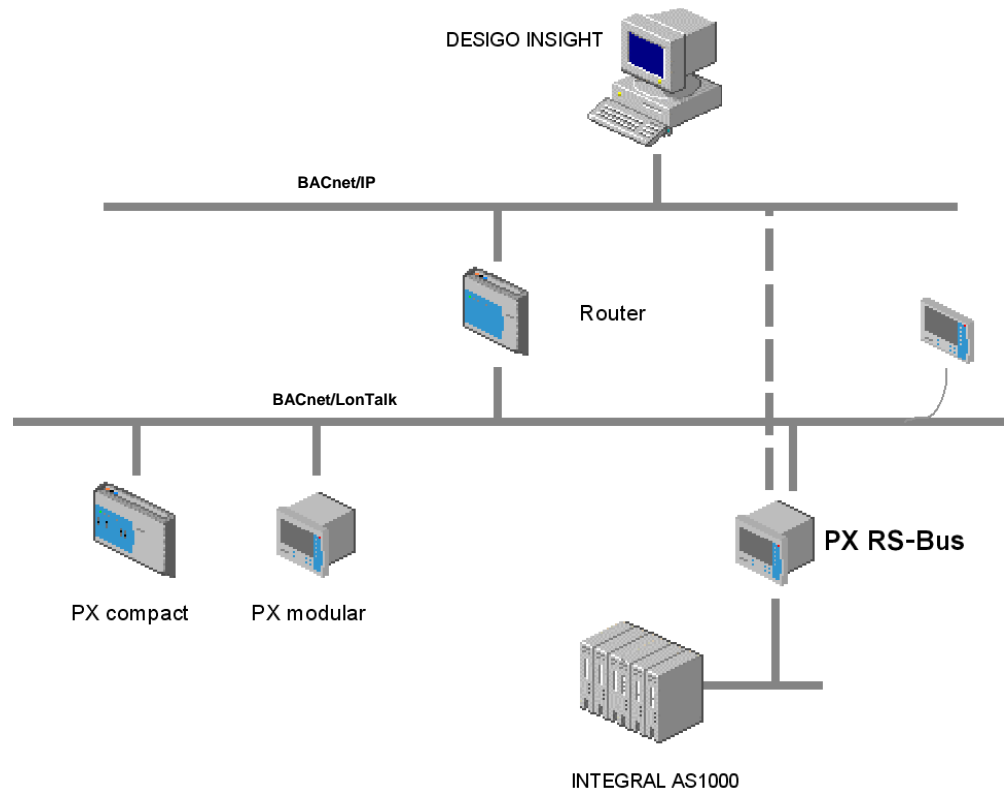
Function

The PX OPEN RS-Bus solution supports the following INTEGRAL AS1000 data points:

- All standard physical data point registers: UI, DI, UO, DO.
- All setpoint, calculated and parameter data points: UZ, DZ, UP, DP, US, DS.
- InterRS data point registers: UA, DA, UE, UE.
- Time clock register: DU.
- Alarm registers: DX, DY, DR.
- Operating mode and mode registers: OM and DW.
- Runtime totalizers: RTT.
- Module status: RSS.
- Time synchronization: TS

- Supported number of data points:
 - INTEGRAL max. 1000 DP
 - DESIGO max. 2000 DP(certain INTEGRAL DPs are mapped to more than one DESIGO DP).

Topology



Types

Type	Description
PX RS-Bus	Integration solution

System limits

The PX OPEN RS-Bus solution supports

- up to 1000 data points from an INTEGRAL system
- up to 2000 DESIGO data points (reason: certain INTEGRAL DPs are mapped to more than one DESIGO DP).

Hardware

The firmware runs on a PXC00-U modular automation station with a PXA30-RS extension module (see data sheets N9221 and N9281). PXC64-U or PXC128-U, and PXA30-RS1 or PXA30-RS2 are suitable as well.

Engineering and commissioning

Refer to document CM2Y9762.

Ordering, licensing and download

For ordering, licensing and download information, please consult your local sales office.

Activate the solution

For each automation station the license key must be entered in the Communication block in the CFC.