

ICCP – OPC Interface – Swissgrid AG

Challenges

Swissgrid uses a training **SCADA system** to train its employees that require the **OPC communication protocol**. To use the real-time data, an **interface from the ICCP/TASE.2 data protocol to the OPC data protocol** is necessary.

Elvexys has installed and configured an AX-S4 ICCP stack from Sisco for this purpose at Swissgrid. The entire environment is implemented in the High Secure Zone of Swissgrid and must therefore fulfil the **highest cyber security standards**.



→ Elvexys' Solutions

Installation of AX ICCP stack

Configuration and commissioning of AX-S4 ICCP stack

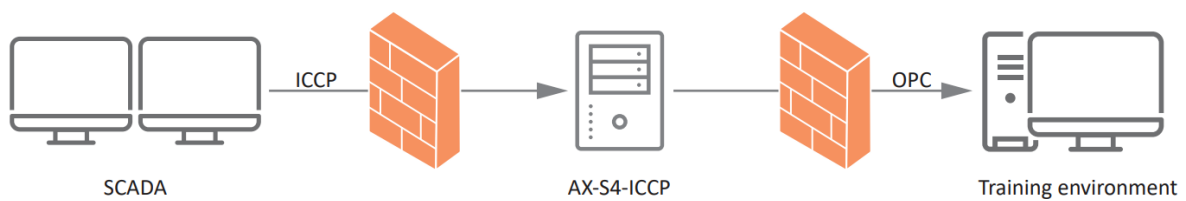
Documentation of the configuration

Application maintenance and 3rd level support

Why choose Elvexys?

- ✓ ICCP/TASE.2 configuration expertise
- ✓ Customised solution according to the customer's requirements
- ✓ Sisco AX-S4 ICCP vendor and maintenance partner

Schematic



Hardware & Software

Sisco AX-S4 ICCP

AX"4 ICCP provides ICCP-TASE.2 plug-in connectivity for any Windows application supporting the OPC Data Access (DA) interface including many off-the-shelf SCADA, HMI and data historian products. The Intercontrol Center Communication Protocol (ICCP) is an international standard (IEC60870-6-TASE.2) for real-time data exchange between utility/ISO/TSO control centres or between control centres and power plants.

Standards

- ICCP / TASE.2
- OPC