

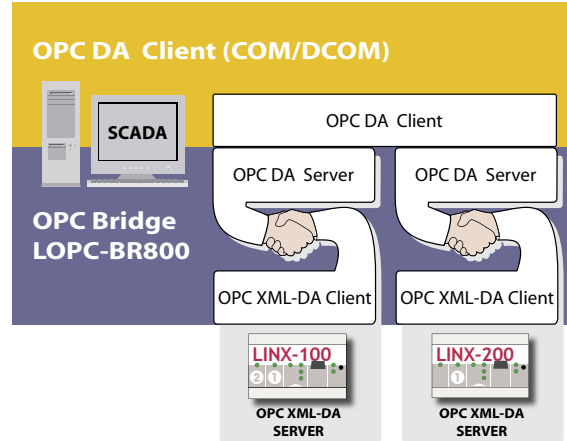
Features

- ◆ OPC DA (COM and DCOM based) clients gain access to OPC XML-DA servers
- ◆ Access to multiple OPC XML-DA servers
- ◆ Easy installation
- ◆ OPC Bridge LOPC-BR800 needs to be executed on the same PC as the OPC DA (COM/DCOM) client
- ◆ Runs with OPC DA 2 (OPC Data Access 2) clients
- ◆ OPC DA (COM/DCOM) Server according to OPC DA 2.05
- ◆ Communication with L-INX is based on OPC XML-DA specification 1.01
- ◆ Supported LOYTEC OPC XML-DA servers:
L-INX Automation Servers
 - LINX-100
 - LINX-101
 - LINX-200
 - LINX-201
- ◆ Runs on:
 - Windows® Vista
 - Windows® XP (SP2 and higher),
 - Windows® 2000,
 - Windows® 2003 Server

Description

The LOPC-BR800 connects an OPC DA (COM/DCOM) client application to the L-INX Automation Servers without requiring programming.

LOPC-BR800 is an OPC DA (COM and DCOM based) server giving OPC DA clients transparent access to the L-INX OPC XML-DA Automation Servers (LINX-100, LINX-101, LINX-200, and LINX-201).



Installation

The OPC Bridge Software LOPC-BR800 needs to be installed on the same computer running the OPC DA (COM/DCOM) client application (e.g. SCADA system).

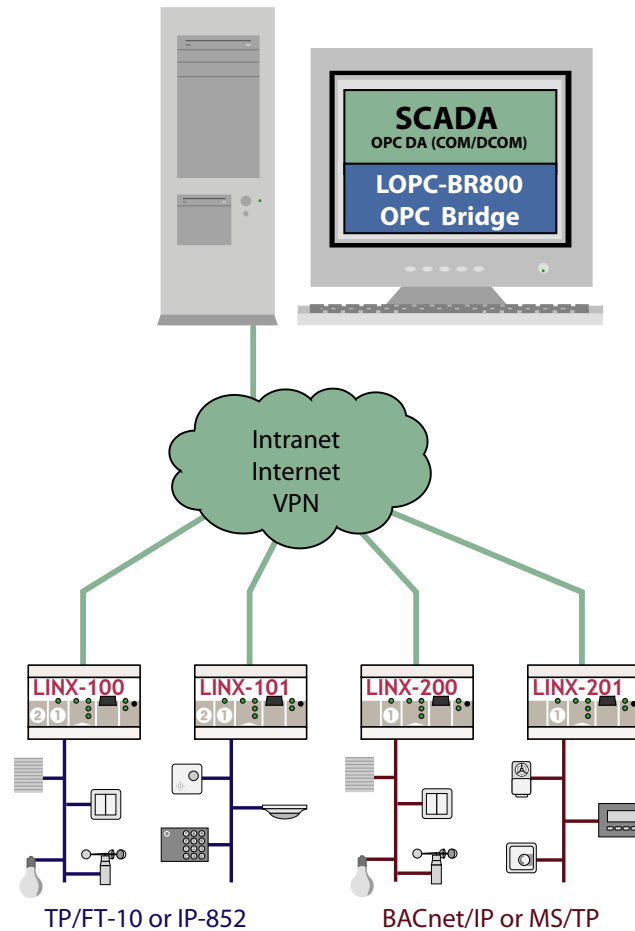
Configuration

If the Bridge Software LOPC-BR800 is installed on the same computer where the L-INX configuration software is used to configure the L-INX Automation Servers, the server information can be automatically made available to the OPC Bridge.

Otherwise, all L-INX Automation Servers can be manually added to the LOPC-BR800 Bridge.

| Order Number | Configuration |
|--------------|--|
| LOPC-BR800 | Bridge software to connect OPC DA (COM/DCOM) OPC clients to OPC XML-DA Servers |

Installation Example:



The diagram shows a SCADA (Supervisory Control and Data Acquisition) system. It is installed on a PC and connected to LonMark systems and BACnet networks via the L-INX Automation Servers. The SCADA system uses the protocol OPC DA (COM/DCOM) to monitor and control process data. The L-INX Automation Servers are using the OPC XML-DA communication protocol.

The installed LOPC-BR800 OPC Bridge software enables the transparent communication between those OPC protocols. The advantage of the OPC XML-DA protocol is that it can easily communicate through configured firewalls and routers because of using the common IP port 80. The OPC XML-DA protocol uses Web services and does not have the limitations of COM/DCOM in those environments.

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