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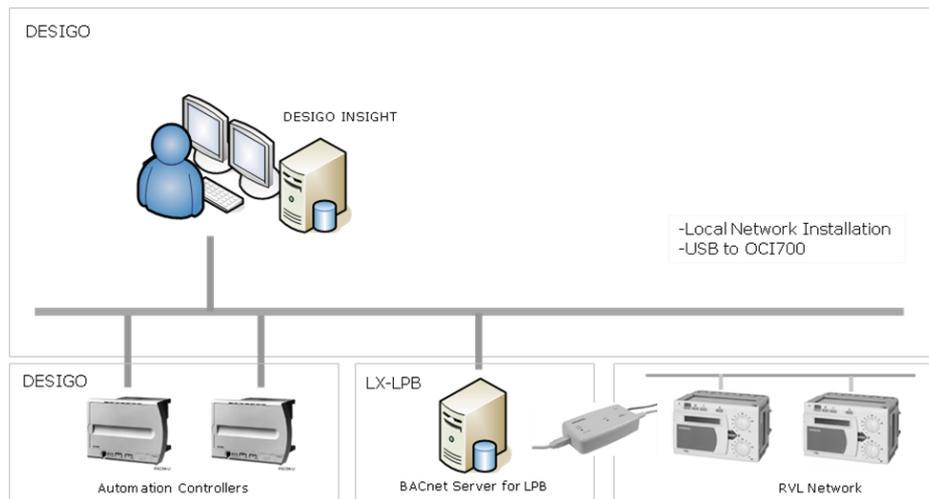
BACnet LX-LPB Server

The software solution allows BACnet Clients to communicate with the Siemens RVL and other devices supporting LPB communications.

With the fully featured driver all relevant data regarding the operating values, alarms, status inputs and outputs can be shared with the building automation BACnet Clients system. The software driver comes complete with a dynamic event monitor and a simple engineering process.

LPB Devices Interaction
The LX-LPB Software connects to a LPB Network using the OCI700 Interface. The LX-LPB requests information from the LPB device using an optimised priority process.

BACnet Interoperability Objects
The LX-LPB connects to a BACnet/IP network and as well as the standard BACnet objects I/O data types, supports notification, schedule and trend.

BACnet Trending
The LX-LPB supports BACnet trending. This allows the engineer to record LPB data for review and reporting.

BACnet LX-LPB - Lite	1 LPB Device
BACnet LX-LPB - Regular	2 LPB Devices
BACnet LX-LPB - Full	16 LPB Devices
BACnet LX-LPB - Enhanced	Enhanced Capacity

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BACnet Object Data-point Mapping
The LPB Device Information such as Temperature sensors, Set-points and Operating modes are mapped to BACnet objects such as AI, AV and MV.

Engineering
The Software application uses a very efficient engineering process to allow non-LPB experts to quickly and simply gain communications to their device and to build an engineered Application with all the necessary BACnet objects.

System and Device Status
The Application includes BACnet objects to show the additional information such as the current device being polled, the state of the device on the LPB Bus and the state of the LX-LPB.

Simple User Interface
A simple user interface allows the operator to view summary status of the product, the LPB Device that is being questions, the communications status and any abnormal events.

Event Logging
In order to ensure recorded information, a dynamic event logging facility is included with the solution.

More information
Simply visit our web site www.integrated.ch for access to our demo version software; datasheet, engineering guidelines and configuration file plus links to other relevant software drivers.