DESIGO...

... is the new generation of building management systems from Landis & Staefa. With its modular and scaleable structure, DESIGO INSIGHT covers all applications and all degrees of complexity, from the smallest individual building to widely distributed building complexes.

Economical
The installed components can be precisely adapted to your needs. This lets you limit your investment to the functions you require immediately. With the modular structure of DESIGO INSIGHT you can expand your system at any time.
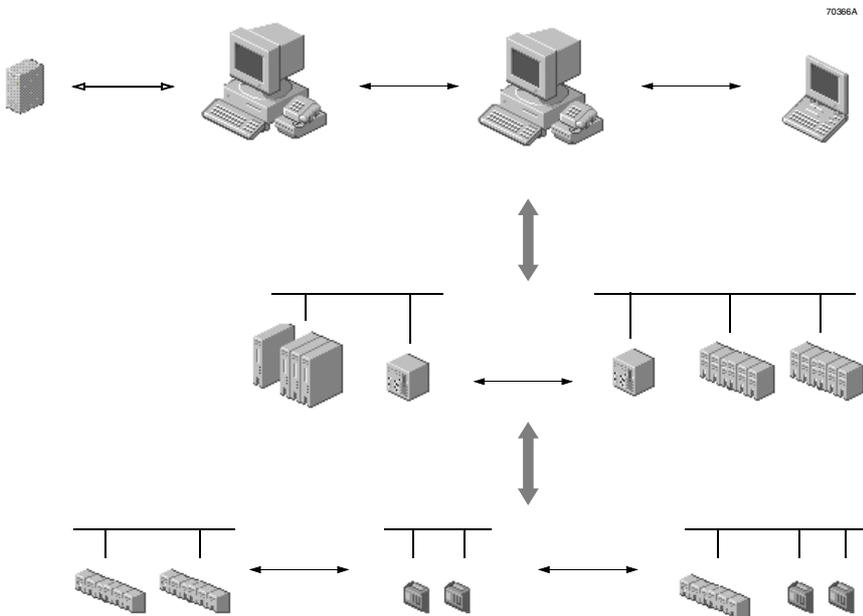
Dependable
Each level of the system operates autonomously, and independently of the next level up.
This makes commissioning easier and ensures minimum downtime.

Based on industry standards
An outstanding feature of DESIGO INSIGHT is the consistent application of industry standards in the system structure and components. That's why the software was designed for Windows NT and Windows 9x, allowing you to make full use of the all the functions of these operating systems.
The use of BACnet, LON, Profibus and Ethernet TCP/IP communication technologies provides maximum flexibility to respond to changes in building use, and helps you make better use of manpower.

Standard system levels

The management level
For head-end management and operation of the plant. Includes process visualisation, data analysis and exchange of data with third parties. Communication at the management level flows in all directions, across networks and via direct connections.

The automation level
Existing and future generations of DDC controllers for stand-alone control of all plant.

The field level
Individual room controllers for autonomous room-by-room comfort control.

Integration
Third-party equipment can be integrated at all levels of the system.

Compatible

Existing INTEGRAL MS1000, MS2000, TS1500, UNIGYR and VISONIK systems can be upgraded to DESIGO with ease. This gives you state-of-the-art technology whilst fully protecting the capital invested to date.

Open

The use of industry-standard components and standard communication protocols provides scope for new and versatile ways to share communications equipment in buildings, or to integrate other systems.
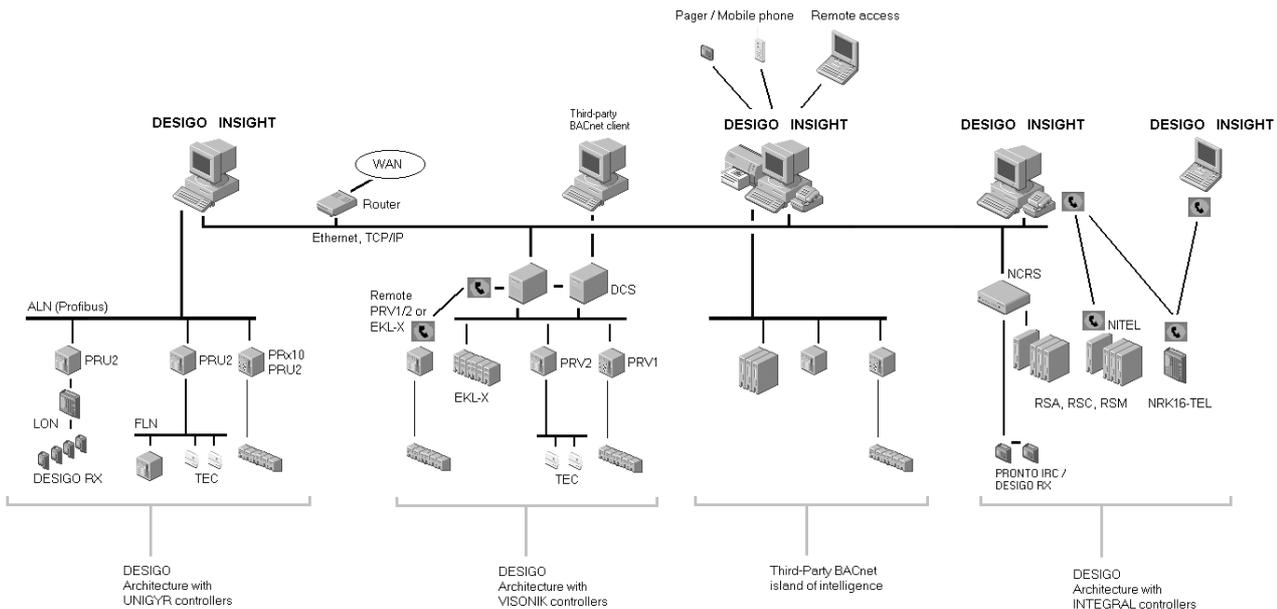
Future-proof

DESIGO marks the dawn of a new generation of building management systems. DESIGO is the platform for future development at the management, automation and field levels. DESIGO is an investment in the future which does not neglect your existing infrastructure.

System topology

DESIGO offers scope for a wide variety of topologies, enabling the system to be tailored individually to virtually any requirements.
This flexibility is one of the key features of DESIGO.

The open system architecture makes DESIGO compatible with all existing and future Landis & Staefa automation levels.

DESIGO System topology with details of the documents describing the sub-system architecture

This document deals primarily with the management level and the scope of the DESIGO INSIGHT management station applications.

The system architecture and the various automation levels and field levels are documented in separate range descriptions (CA1S9103E for UNIGYR, CM1S9102E for VISONIK, CA1S9101E for INTEGRAL).

Note that the above topology does not cover all possible options. Certain functions depend on the subsystems used, and may not be available in all cases.