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Ingenuity for life

One building.
Different users.

Desigo Control Point – the embedded building management station

siemens.com/desigocontrolpoint

Desigo Control Point – designed to simplify your building management tasks

Buildings are so much more than just four walls. We spend 90 percent of our lives in buildings – to live, to sleep, to learn, to work, to recover. That's why it's so important to ensure that buildings are always optimized to support our well-being. With Desigo Control Point, this task has become a lot easier. It's the right solution for small to medium-sized buildings that combines plant operation, remote operation, and room operation in one device – all at the touch of your fingertips.
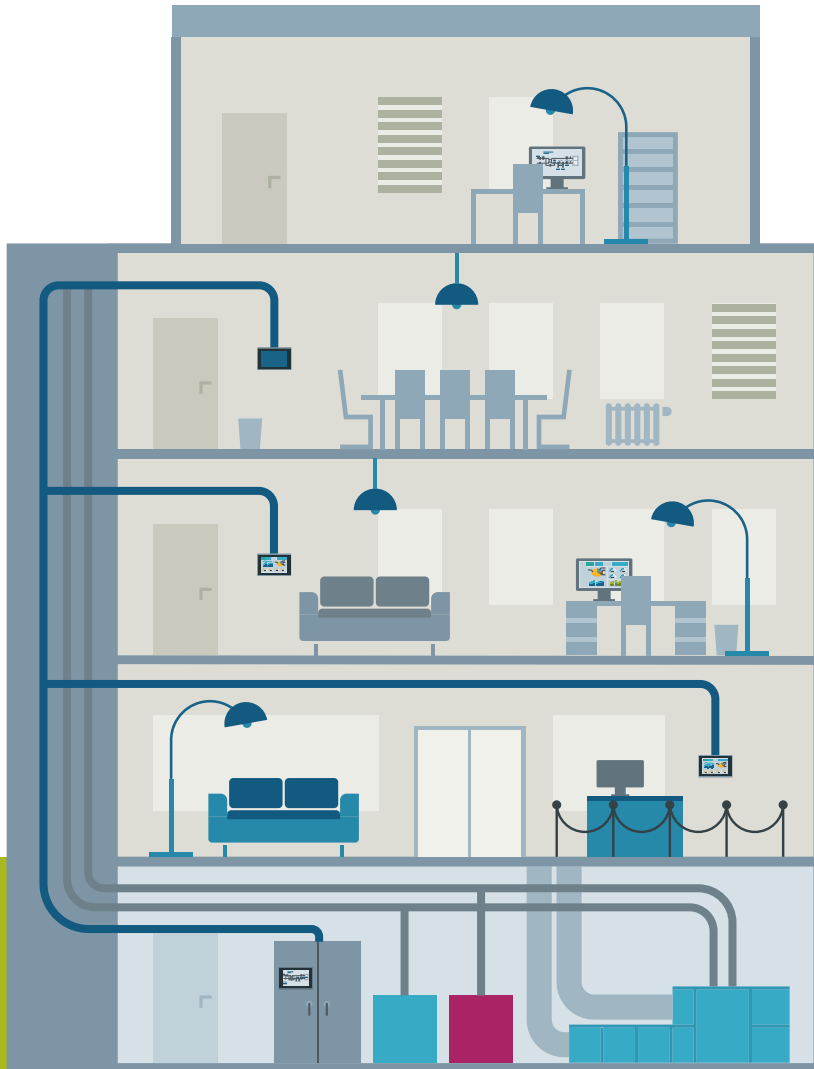
Desigo Control Point is a new concept for building automation management. It consists of touch panels in several sizes and of web servers that enable remote control of buildings from any smart device. A great variety of public and commercial buildings can now increase user comfort while saving costs. Installation and operation are straightforward, allowing anyone to use it. Desigo Control Point also complements our building management platform Desigo CC in large or multi-discipline buildings. The use of native BACnet ensures that third-party devices can be integrated and operated.

Desigo Control Point is also suited for rooms such as meeting or conference rooms that require touch panels to control to control HVAC, lighting and shading to ensure best conditions for occupants. In addition, it offers tools to monitor and optimize energy consumption. With Desigo Control Point you can simplify your building automation tasks, maximize room comfort, lower maintenance and energy costs – and create perfect places for everyone.

Desigo Control Point is optimized for use as a building management station in small to medium-sized buildings like banks, universities, schools, shopping malls, offices, cinemas, and hospitals. Desigo Control Point touch panels can also be used as room operator units in different kinds of rooms such as meeting or function rooms.

Simplified building management

Desigo Control Point is a consistent concept to simplify operation and monitoring of HVAC, lighting, and shading with a user-friendly interface.

Intuitive room operation

Desigo Control Point facilitates operation of lighting, blinds, and HVAC of meeting rooms, offices, conference and event rooms.

Easy monitoring of energy consumption

Desigo Control Point provides energy dashboards for public involvement or taking fast action to reduce energy consumption.

User-friendly operation and monitoring

Desigo Control Point is ready to operate and monitor the systems in just a few seconds.

Accessibility from anywhere

Desigo Control Point allows you to access your plant from your web browser. You can monitor and optimize your plant from your office or via mobile devices.

One building, many use cases

Desigo Control Point is designed for different tasks in the same building. Hence, it makes it easy for both plant operators and end users to operate HVAC, lights and blinds. Thanks to its connectivity, Desigo Control Point can be used from remote locations via the web, directly in a room or at the plant itself. It simplifies the control of HVAC, lighting and shading and also enables energy monitoring with informative dashboards.

Plant operation

Desigo Control Point allows you to operate and monitor your plant state using graphics or generic data point lists via touch panel mounted on cabinet doors. Also included are alarm management, display of trends, schedules, heating curves, and animated graphics.

Remote operation

With built-in web server functionality, Desigo Control Point allows you to remotely access all management tasks from anywhere. In addition, it provides email notification of alarms and events or email trendlogs based on schedules for regular reporting and analysis.

Energy monitoring

Desigo Control Point allows you to monitor your energy consumption while achieving additional savings. It provides standard templates to display and compare energy consumption along with a flexible suit of configurable elements to fully customize your dashboards.

Room operation

Operate HVAC, lighting and shading components via a user interface that's optimized for end users to easily operate a great variety of applications. It comes with standard templates for meeting rooms and office spaces and can be customized for different room and floor designs.
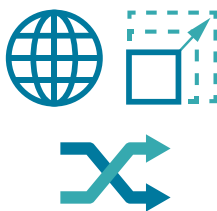
Easy and flexible building automation management

Simple and fast

Desigo Control Point is easy to use and simplifies access to your plant from any smart device. You can monitor and operate your building, configure a schedule, create trends and reports and manage your alarms easily. The intuitive user interface can be used without any training and there are no tools required for commissioning. This significantly reduces complexity.

Scalable, flexible, open

Desigo Control Point comes in three distinctive touch screen sizes and can be used in small to medium-sized buildings. It also supports comprehensive projects under Desigo CC and allows you to connect with your building and operate it remotely from multiple devices thanks to standardized HTML 5.0 web technology. Native BACnet means you can easily integrate and operate third-party equipment in the same intuitive way. Native support of the Haystack interface means you can further utilize the data your building generates. This scalability, flexibility and openness makes Desigo Control Point the optimal solution for buildings – today and tomorrow.

Customizable

Thanks to a fully customizable user interface, Desigo Control Point supports a multitude of applications that can be supported with plant graphics, floor plans, dashboards, and room interfaces. This way, Desigo Control Point is useful in any building and can offer a unique appearance thanks to its customizable user interface.

Key features and functions

Industrial touch panels 24/7

Robust, high-quality touch panels enable Desigo Control Point to be used in difficult conditions (e.g. in basements or plant rooms).

User-friendly display

The capacitive display of the Desigo Control Point touch panels is intuitive and ensures ease of use – just like a smart phone.

Changes without interruption

Engineering can be done online from web browsers with no need for any extra tools or software. During operation, it is possible to make changes anytime without interrupting service – via remote control or on site.

The latest web technology

Desigo Control Point can be controlled with any device supporting HTML5 in addition to the touch panels. The device even adjusts automatically to the resolution and orientation.

Benefits at a glance

Simplify building automation management tasks and reduce complexity

Access your building from touch panels, tablets or mobile devices

Maximize comfort in an intuitive way

Lower your energy and maintenance costs

The Desigo Control Point product portfolio

BACnet touch panels

BACnet/IP touch panels can be connected directly to the BACnet network. Thanks to the embedded web server, it is possible to access the system using a standard web browser from anywhere. No further web server is required for installation and operation.
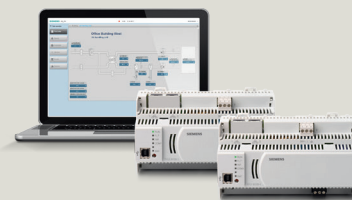
Size/type	7"	10"	15"
BACnet/IP touch panels	PXM30.E	PXM40.E	PXM50.E

Client touch panels

The TCP/IP touch panels are used on projects that require multiple touch panels to operate the same system data from different locations. A centralized web server can have multiple touch panels or web browser sessions connected. This reduces the complexity and cost of larger installations.

Size/type	7"	10"	15"
TCP/IP touch panels	PXM30-1	PXM40-1	PXM50-1

BACnet web servers

The BACnet/IP web servers permit remote operation of primary and room automation stations as well as third-party BACnet/IP devices. The two variants – standard and advanced – provide different functionality according to the project's requirements.

Type	Standard	Advanced
BACnet web servers	PXG3.W100-1	PXG3.W200-1

Tested quality

BACnet® Testing Laboratories (BTL) is a registered trademark. Products that were successfully tested by BACnet Testing Laboratories, like Desigo Control Point, are allowed to carry the BTL trademark.

Ready for BIM data

Siemens provides BIM data, which is regularly updated. Desigo Control Point devices are also available in the REVIT library.