

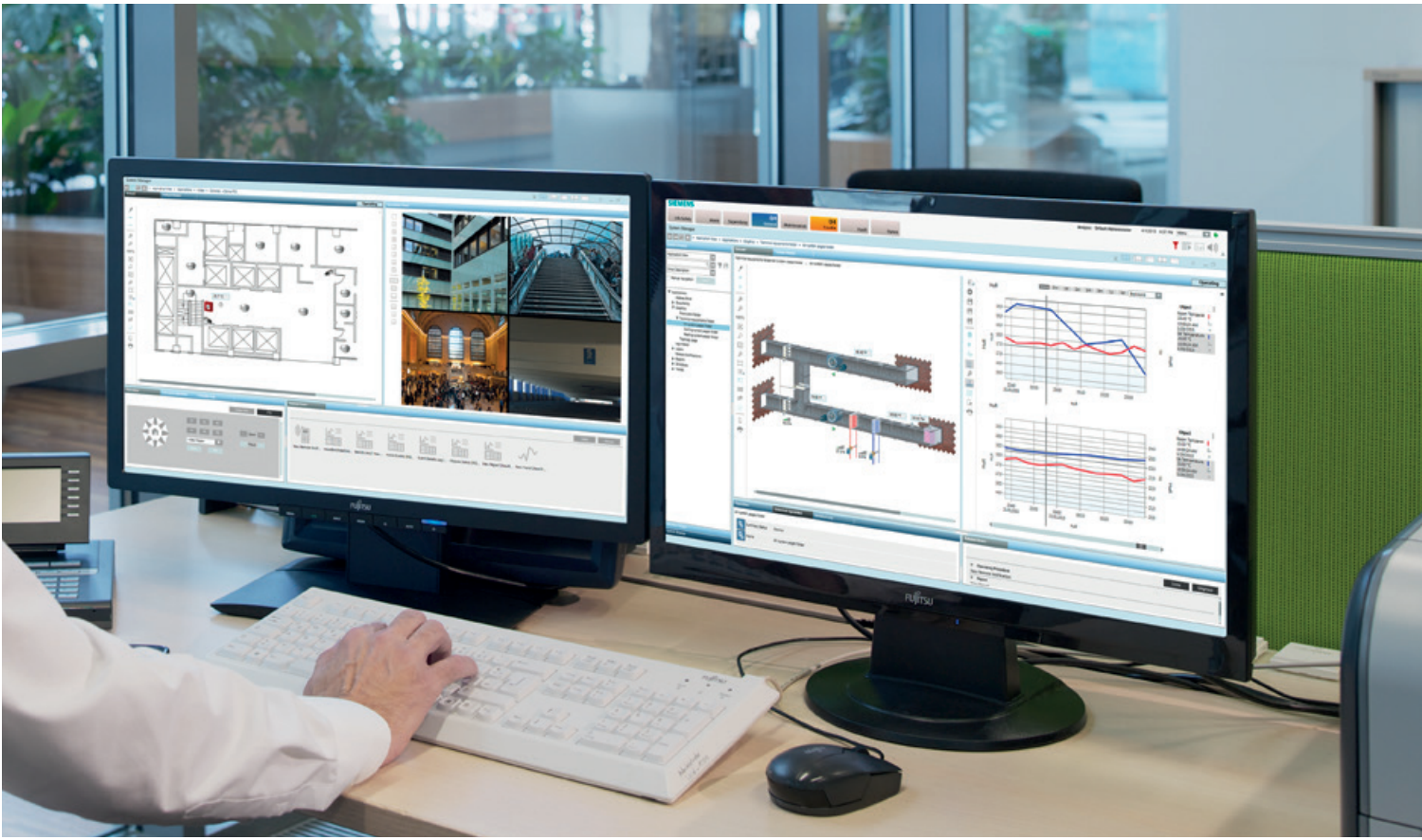
SIEMENS



Desigo CC – the integrated building management platform

Open by design to improve your performance.

www.siemens.com/desigocc



Desigo CC sets new building management standards

Desigo CC™ is the latest building management platform from Siemens. The development of this completely new software is based on our state-of-the-art technology, extensive international expertise and more than 30 years of experience in building technology. Powerful, new patented functionalities and capabilities provide optimal control of your facility. A global team of experts designed the user interface and workflow concepts for maximum efficiency. Desigo CC gives you a comfortable, easy and efficient approach to operate, monitor, supervise, optimize and manage your facility. Desigo CC also ensures and prepares your installed systems for future migrations. Web client options reduce maintenance costs over the entire life cycle. With its future-oriented and discipline-independent approaches, Desigo CC enhances and protects your investments today and in the future.

Personalize your building experience

Flexible and easy to use

Desigo CC is a flexible building management platform that simplifies tasks and processes in an intelligent way. It allows you to complete building control and safety tasks in a fast, secure and comfortable manner.

The combination of a hierarchical tree structure with a primary pane, secondary pane and related items pane automatically links the information that is most important to you. It gives you a quick overview of the system and puts focus and attention on the most relevant information. It also avoids overlapped workspace and distraction from secondary actions.

Desigo CC provides a powerful capability to incorporate your organization, roles and responsibilities into the system. Each operator and user will see, act and react only to his specific and predefined area of responsibility and scope of operation.

Enhanced user experience

The ease of use is enhanced by state-of-the-art operation capabilities that meet today's user needs. With leading-edge Drag-and-Drop and Copy-and-Paste functionalities, Desigo CC's local and Web engineering capabilities, means location-independent, meet the needs of all types of users. Best-in-class scalable graphics adapt automatically to the user's workspace size, for comfortable, easy and efficient system management.

Importantly, the local and remote operation and engineering capabilities are identical. This gives users the confidence and flexibility needed to achieve the best possible operation of your facility and systems.

Open platform for easy integration

Desigo CC is based on a SCADA platform, making it fully compliant with BACnet Advanced Operator Workstation (B-AWS) and enabling integration from single to multiple building disciplines, such as building management – heating, ventilation and air conditioning, lighting and shading – up to fire safety and security. Its extensible driver concept allows integration through BACnet or other protocols. As a building management platform, it is certified to fulfill the highest possible BACnet profile B-AWS.

Highlights

- An intelligent platform that simplifies your daily operation in a comfortable way
- Simplifies and streamlines navigation by preventing overlapped workspace and focuses attention on operator's assigned tasks
- Easy interaction of single and multiple disciplines such as building management, power, lighting, shading, fire safety and security
- Implements a new user interface and workflows for efficiency
- SCADA platform based for a variety of integrations





Desigo CC simplifies your business

A true open platform

Desigo CC is designed to meet your current and future needs for building management, fire safety and security. Its flexible, open platform solidly positions you for the future without locking you into a closed, proprietary system. As a standards-based platform that works with many communication protocols, it is truly open. For example, Desigo CC supports OPC, Modbus and BACnet and allows integration with third-party systems.

Desigo CC handles complex operations while keeping it easy for users. Its intelligent navigation concept presents all related information and data in a simple and focused presentation.

The sophistication of Desigo CC lies in its flexibility and ease of use. Because all disciplines are based on same workflows, training requirements will be optimized. Desigo CC also grows with your business needs, in project size and functionality as well as disciplines. As a platform based on open architecture, Desigo CC easily adapts to your needs today and tomorrow.

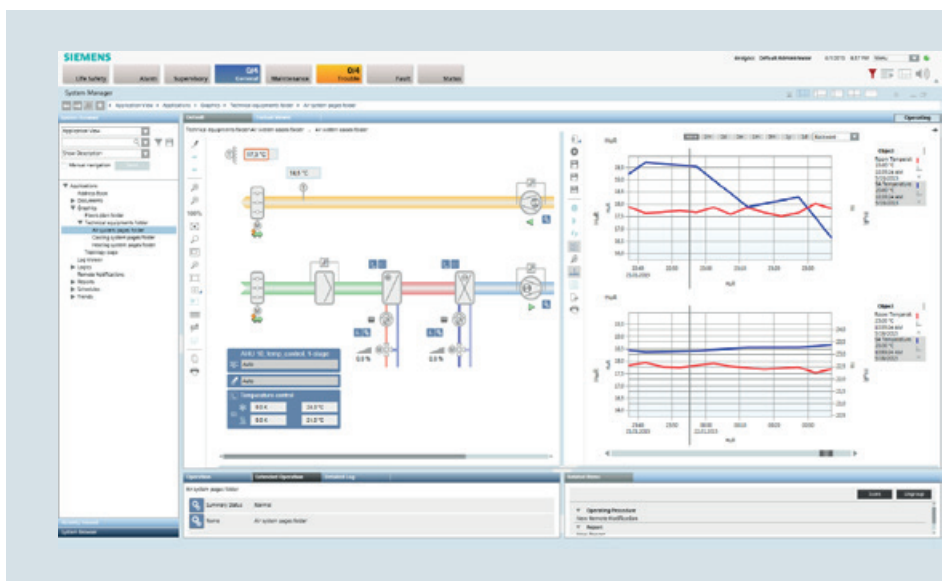
Integration for superior control

Desigo CC is designed for integration. It interacts with single and multiple disciplines such as building management – heating, ventilation and air conditioning, lighting and shading – up to fire safety and security. Desigo CC has a native 64-bit system that easily integrates into the modern IT landscape and virtual environment.

Desigo CC addresses the multi-disciplinary functions of building management and eliminates many of the challenges with traditional building management stations. Now you can see in real time what is occurring across your building from one place, instead of having to access multiple systems. You can leverage synergies and profit from a new, consolidated view of your building.

A platform that grows with your needs

Every building presents unique challenges. Desigo CC was designed to help you manage and adapt to the changing needs of your unique facility and organization. You can customize the interface to show the details you need about a building system, area or piece of equipment.



Side-by-side trend comparison

Desigo CC is highly adaptable. The management platform features templates and tools that help you set initial parameters for your buildings and then adapt these based on changing needs and conditions. Data aggregation pulls information from many different sources. Historical analysis gives you side-by-side trend comparisons.

With investigative event treatment, you can easily navigate the system to visualize logged events. You can start with a piece of equipment, then quickly and easily access all of the information related to that piece of equipment. The platform helps you drill down to the information you need to address issues, solve problems and improve performance.

Desigo CC also allows the creation of dynamic BACnet objects, according to BACnet profile (B-AWS), at runtime. With this mechanism, experienced users have advanced functionality at their fingertips that could not be achieved previously.

Efficient support and secure operation

Desigo CC makes reporting easy. Its powerful report engine includes a wide range of standard reports and lets you create and customize reports that can be tailored with real-time charts, graphs and other relevant images and pictures.

It can automatically create and run reports based on a preset schedule or event trigger, and the platform allows

users to create report templates that can be saved and modified for future use. The LogViewer allows users to view all historic system and user events as well as activities and the Detailed Log complements this with object-focused history data.

Desigo CC operators get step-by-step guidance for critical and important tasks and events that may occur in the system. You can be confident that all relevant and important steps and tasks for any event in the system are treated correctly, quickly and reliably. The reaction processor for system-wide, automatically triggered interactions minimizes the manual operation time for recurring tasks as the management platform does the work for the operators.

Desigo CC provides the capability to analyze system data from different time frames in one view. This trend-comparison capability is unique in the market and allows new possibilities for the user. It enhances the user's capability to elaborate and drill down to a particular system component to find potential failures and reduce errors in the system.

Desigo CC libraries are unique and help to build your system quickly without compromising on quality. The ability to drag and drop your CAD drawings or images in various formats will allow you to use them online and operate the plant immediately.

Highlights

- Increases productivity to help you profit from proven usability
- Grows with your future needs
- Offers a quick overview of the system data with direct navigation to any level of detail required
- Helps building operators to securely and reliably execute their tasks
- Provides easy Web access throughout the facility
- Offers confident operation without compromise, both locally and through the Web
- Allows simultaneous operation and engineering

Event	Source	Count	Clear	Subscriptions	Event Status	Event Time	Location
Device Return	BG FC20 Panel 1	4	✓		Unprocessed	21.10.2012 09:04:45 PM	Desigo CC - Main Network: FC20/Control System: BG/CC1
Low Limit	MEC10_RM100_RMTMP (RM 100 RMT...				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Low Limit	MEC10_RM100_EE1_FLOATINGLIMIT				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Low Limit	My Description2				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Low Limit	RoomTempAlarm				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Low Limit	MEC10_RM100_EE2_OUTOFRANGE				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Low Limit	MBO05_LAO_PT (EE_1_216679)				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Trouble IN (Fault)	Power supply superv_ & batt_charger				Ready to be closed	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Trouble IN (Fault)	Power supply superv_ & batt_charger				Ready to be closed	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Trouble IN (Fault)	NODE 2 MAIN MOTHER BOARD				Ready to be closed	21.10.2012 11:41:53...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Trouble IN (Fault)	NODE 1 MAIN MOTHER BOARD				Ready to be closed	21.10.2012 11:41:53...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Station not reachable (False)	WebClient				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Management System: Clients: Main/Server
Not reachable (True)	LinePrinter				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Management System: Clients: Main/Server
Fault	BTEC01-RoomTempSE				Waiting for Condition	21.10.2012 09:10:08 AM	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Station not reachable (False)	Emanuele PC				Waiting for Condition	21.10.2012 09:10:08 AM	Desigo CC - Management System: Clients: Main/Server
Advisory (Active)	IC Trouble				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Advisory (Active)	IC Trouble				Waiting for Condition	21.10.2012 12:21:38...	Desigo CC - Main Network: BMS/Network 1.1: Main/9: 10016: 10016: 10016
Printer offline (True)	LinePrinter				Waiting for Condition	21.10.2012 09:10:08 AM	Desigo CC - Management System: Clients: Main/Server



Event management

Enhance security now, meet goals in the future

Keep your people and facilities safe

A safe environment promotes comfort and productivity. Desigo CC has the capability to integrate building management with fire safety and security systems, for example, video surveillance. Detailed graphics and the assisted event treatment give you greater insight to make better decisions.

Its highly optimized and logical interface enables you to improve event management throughout your facility. You can monitor fire safety systems and video cameras through centralized controls, enhancing your ability to intelligently respond to events. Desigo CC can play a critical role in maintaining the comfort and safety of your people and your building.

Driven by your needs

Desigo CC's open platform supports many communication standards. It allows data acquisition and propagation both to and from other IT-based systems, contributing to a modern integrated building management platform. Its advanced analytical tools and templates identify and address issues before they become problems.

The management platform pulls together the relevant details identified for each user based on the individual's unique profile, role and view of the system. Its user interface allows users to make personalized views. You can tap into its customization capabilities to create your own system view that reflects your unique needs and workflow processes.



Desigo CC is easy to navigate, letting you examine critical equipment, monitor processes, reduce errors and find vital information you need when you need it most. You can access information and communicate with multiple building systems.

Building operation goes Web

Desigo CC is designed to work with your IT infrastructure using the latest technology and standard databases. Its client server architecture supports desktop, Windows app and Web clients, offering the same user interface and functionality.

Given Desigo CC's ease of use and ready adaptability, you can quickly benefit from it. You can optimize the comfort, performance and safety of your building in one interface. Its many features and capabilities make Desigo CC a valuable investment now that you can build on for the future.

Highlights

- Monitoring of your building conditions through integrated video cameras and centralized controls
- High-performance handling and event management
- Advanced analytical tools that identify and address issues before they become problems
- Designed to work with IT infrastructure and standard protocols
- Centralized controls that let you optimize the performance of your building



Siemens Switzerland Ltd
Building Technologies Division
International Headquarters
Gubelstrasse 22
6301 Zug
Switzerland
Tel +41 41 724 24 24

Siemens Building Technologies
Brunel House
Sir William Siemens Square, Frimley
Camberley
Surrey, GU16 8QD
United Kingdom
Tel +44 1276 696000

Siemens Ltd
Building Technologies Division
22/F, AIA Kowloon Tower, Landmark East
100 How Ming Street
Kwun Tong, Hong Kong
Tel +852 2870 7888

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract. The document contains a general product overview. Availability can vary by country. For detailed product information, please contact the company office or authorized partners.

© Siemens Switzerland Ltd, 2015 • 0,31511

Our world is undergoing changes that force us to think in new ways: demographic change, urbanization, global warming and resource shortages. Maximum efficiency has top priority – and not only where energy is concerned. In addition, we need to increase comfort for the well-being of users. Also, our need for safety and security is constantly growing. For our customers, success is defined by how well they manage these challenges. Siemens has the answers.

“We are the trusted technology partner for energy-efficient, safe and secure buildings and infrastructure.”