

Desigo CC Compact DMS

P55802-Y110-A100



The Desigo CC Compact DMS management station provides integrated danger management from a flexible, easy-to-use interface that allows users to:

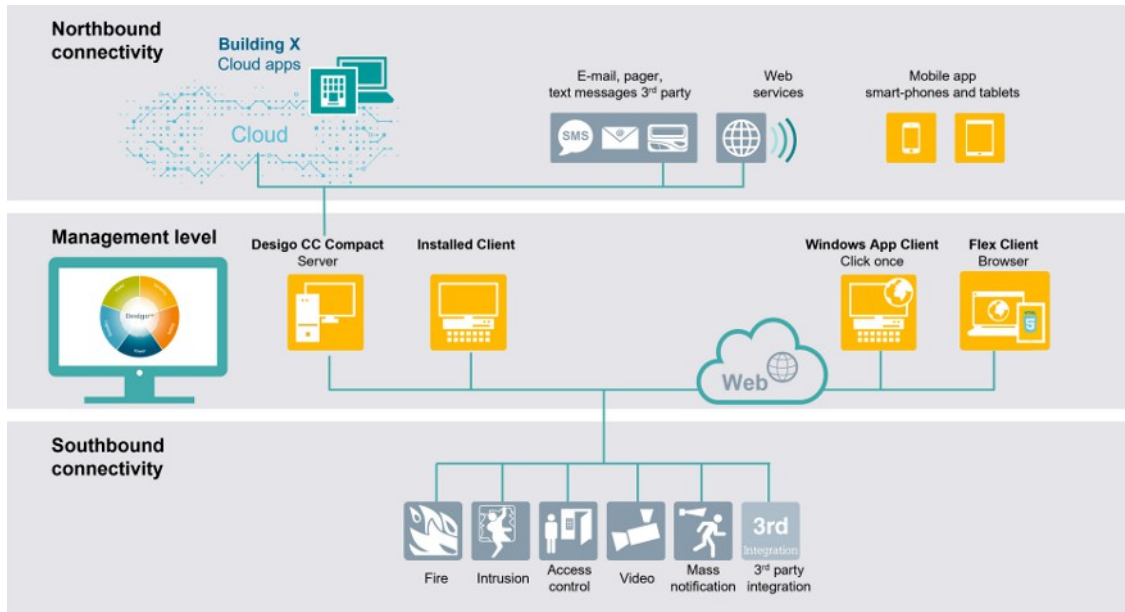
- Operate and monitor the danger management system graphically
- Guide operators in the handling of critical situations
- Detect, visualize, and acknowledge/reset faults and alarms
- Operate and execute typical security tasks such as video surveillance, intrusion detection, and access control monitoring
- Send automatic notifications via email, SMS, and pagers
- Produce status, performance and history reports
- Participate in the Internet of Things through open APIs and custom adapters

General Description

Designo CC Compact DMS offers full integration of fire safety, intrusion detection, access control, and video systems, while also supporting open standards such as BACnet, OPC, Modbus, and more. Three different client variants are available. The installed client and the Windows Desktop App Client provide the same user interface. The browser-based Flex Client is based on HTML5 technology and combines the proven operating concepts with a new user experience. Additionally, web interfaces provide increased flexibility for operation and future extensions such as mobile applications for tablets and smartphones.

System Architecture

Designo CC Compact DMS is a single-station system designed to augment existing building infrastructure and integrate with standard IT hardware, software, and networks. The open, adaptable architecture can support virtual IT environments and advanced networks.



System Capabilities

- Multi-language support
- Web and remote access from mobile clients
- Connectivity to Building X open platform. This means that selected Designo CC Compact DMS data can be shared with cloud-based Building X applications like, for example, Operations Manager
- Open-data libraries designed for extensions and integrations
- Southbound connectivity through BACnet, BACnet/SC, OPC DA and UA, Modbus, HTTP(S), SNMP, HTML5, and SDK to develop subsystem extensions
- Powerful features such as advanced event management, Mobile App, notifications, status and command propagation, long-term storage, user management, automated reactions, and scripting engine
- Support for 2,000 fire objects, 500 security objects, 128 CCTV cameras, and 500 building automation points in a single system
- Consistent user interface concept across all applications, with graphic-oriented operation workflows
- Online engineering with wizards, CAD import, and automatic positioning of graphic symbols
- Support for Siemens and third-party fire-safety and security devices
- Northbound connectivity through RESTful Web Services interfaces (for example, Power BI Connector)
- Support of authentication via most common OIDC providers (Google, Microsoft, Amazon...)

- Consolidated Ecosystem program and network to share and expand subsystem extensions, applications, utilities, and tools

Certifications and Approvals

Designo CC Compact DMS has been tested against a wide range of domain- and country-specific norms and standards, including:

- IT security compliant with the ISA-99/IEC 62443 Security Level 2 (SL2)
- BACnet Protocol Revision 1.20, certified by BACnet Testing Laboratory as BACnet Cross-Domain Advanced Workstation Software (B-XAWS, B-AWS, B-ALSW, B-AACWS, B-RTR, B-BBMD)
- AMEV recommendation BACnet 2017 compliant with Management Operation Unit (MOU-B) profile
- OPC DA V2.05a and V3.0 Server, certified by the OPC Foundation certification program

UL/ULC listed to:

- UL-864 10th edition Standard for Control Units and Accessories for command and control when installed on a UL-864 approved computer
- UL 2017 2nd Edition, General-Purpose Signaling Devices and Systems
- UL-2572 2nd Edition Standard for Mass Notification
- UL 2610 2nd Edition Standard for commercial premises security alarm units and systems (this standard replaced UL 1076)
- UL-294 7th Edition Standard for Safety–Access Control System Units
- CAN/ULC-S527 3rd Edition: Control Units for Fire Alarm Systems
- CAN/ULC-S559 2nd Edition, Equipment for Fire Signal Receiving Centre and Systems
- CAN/ULC S576 1st Edition, Standard for Mass Notification System Equipment and Accessories

Designo CC V6 is not UL/ULC listed. If UL or ULC approval is required, please use V7 or V8. UL/ULC listing for V9 is still pending.

Technical Data

Operating System Compatibility

The Server and Installed Clients run on the following Microsoft operating systems and editions:

- Microsoft® Windows 10 64-bit (Enterprise and IoT Enterprise LTSC editions)
- Microsoft® Windows 11 (Pro, Enterprise and IoT Enterprise)
- Microsoft® Windows Server 2019
- Microsoft® Windows Server 2022
- Microsoft® Windows Server 2025

Flex Clients and Windows App Clients run on the following Microsoft operating systems and editions:

- Microsoft® Windows 10 64-bit (Enterprise and IoT Enterprise LTSC editions)
- Microsoft® Windows 11 (Pro and Enterprise)

Hardware Requirements (minimum recommendation)

Physical Machine

- Hard disk: 512 GB SSD
- RAM: 16 GB
- Server-grade CPU like Intel Xeon or AMD EPYC (or equivalent), CPU Mark $\geq 13,000$, Single Thread Rating $\geq 2,300$, ≥ 4 cores

Embedded Hardware (limited to 10,000 system objects)

- Hard disk: 256 GB SSD
- RAM: 16 GB
- Processor: Celeron 6600HLE @ 2.10 GHz 2 cores (or equivalent)

Virtual Machines

- Hard disk: 512 GB SSD
- RAM: 16 GB

- Processor: $\geq$ 4 vCPUs assigned to the VM

Microsoft SQL Server Compatibility

Microsoft SQL Server 2022 Express is free and included with the installation media. Additional supported SQL version and editions are:

- Microsoft® SQL Server 2019 (Express, Standard, and Enterprise)
- Microsoft® SQL Server 2022 (Express, Standard, and Enterprise)

Ordering Information

For ordering information related to Desigo CC Compact DMS, please visit our online tool [HIT](#).

Resources

For the latest information about Building Products and Siemens Smart Infrastructure, visit our [Building Products](#) site.

For other datasheets, see the following:

- Cerberus® DMS
- Desigo CC™
- Desigo CC™ Compact for Building Automation (BA)
- Desigo CC™ Compact Validated Monitoring
- Desigo CC™ Compact for Electrical applications
- Desigo CC™ Connect

For more information, refer to your local sales organization.

Cybersecurity Disclaimer

Siemens' portfolio undergoes continuous development to make it more secure. Siemens strongly recommends that updates are applied as soon as they are available and that the latest versions are used. Use of versions that are no longer supported, and failure to apply the latest updates may increase your exposure to cyber threats. Siemens strongly recommends compliance with security advisories on the latest security threats, patches, and other related measures—published, among others, under <https://www.siemens.com/cert/> => 'Siemens Security Advisories'.

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