Desigo® CC
Fire Safety Management Station (*v*2.1)

ARCHITECT AND ENGINEER SPECIFICATIONS

- **Industry-leading, pane-based management station that provides critical data in a single view**
  - Constant display of all active events
  - Highest-priority events are highlighted
  - User interface can be configured to support basic-to-advanced needs
  - User profiles can be created, based on various end-user needs

- **Built on a robust Siemens platform that is used worldwide in critical installations**

- **Full integration of fire panels, building-automation systems, video surveillance and access control**
  - One (1) platform to learn and maintain

- **Smart system that anticipates needed data and provides the information automatically**
  - Enables faster, more accurate response to critical events

- **Integrates multiple networks for FireFinder®; MXL® and Desigo® fire-alarm control panels (FACPs)**

- **Monitors and controls up to 63 XLS / MXL FACPs; 32 Desigo Fire Safety FACPs per network; Apogee Building Automation panels and up to 40,000 addressable detection devices**
  - Supports CO detection with **ASA**technology™

- **Automatic or manual Remote Notification (ReNo) of events via email, text message, or page**

- **Supports leading open standards: BACnet, OPC, Modbus, ONVIF and SNMP**

- **Agency listed for remote access (monitoring only) via a Virtual Private Network (VPN) connection**

- ®UL Listed to 864 9th Edition Standard for *Control Units & Accessories* (for `Command & Control')

- ®ULC Listed to ®ULC-S527 Standard for *Control Units and Fire Alarm systems 2nd & 3rd Edition* (for `Command and Control') and ®ULC-S559 for *Equipment for Fire Signal Receiving Centre and Systems - 3rd Edition*

- ®UL and ®ULC recognized as an ancillary annunciator when used with a <u>non</u>-UL864 / ULC-S527-11 Listed PC that is connected to a Desigo Fire Safety, FireFinder XLS or MXL FACP:
  - Model MOSA used for connection with XLS and/or MXL FACPs
  - Model SCALANCE X204-2 switch used for connection with Desigo Fire Safety FACPs
  - provides a cost-effective monitoring-only solution for sites that do not require full control of the fire system

- CSFM [#7300-0067:0267] for *Fire Alarm Control Unit Accessories*

System Overview

Desigo CC (v2.1) workstations from Siemens – Fire Safety provide an integrated, practical approach to managing and controlling facilities from a flexible, easy-to-use interface. Desigo CC also provides facility-wide efficiencies, cost-effective information sharing, faster event management, and better decision-making.

Desigo CC software operates on ®UL Listed hardware that has passed rigorous performance and environmental tests. Desigo CC, which is ideally suited for monitoring and controlling FireFinder XLS and MXL FACPs, also serves as the management station for Desigo 252 / 504-point addressable FACPs.

Key Features
Server / Client Design

Desigo CC has a flexible, full-system design that integrates and enables customized workflow configurations. Desigo CC can be installed on a single PC, providing complete client / server system compatibility. The server hosts all system data. Full control of Desigo CC can be transferred from the server to a client. A front-end processor (FEP) communicates data from FireFinder's XNET, as well as from the FCnet module on Desigo 252 / 504-point addressable FACPs, respectively.

In the event of system failure, Desigo CC has the option to transfer control to a redundant server.

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Key Features — (continued)

User Interface

Desigo CC's User Interface displays all critical data in a single view. This provides faster, more accurate response to events, and makes Desigo CC easy to use and easy to learn. Key components of the UI are as follows:

Summary Bar

The Summary Bar serves as an important source of data for Desigo CC event management, and highlights current system status with clear indication of current-event priorities. Event lamps for *Alarm*, *Trouble*, and *Supervisory* events are highlighted with different colors when events occur. The top two (2) priority events in the system that are currently active are displayed in the Summary Bar. The Summary Bar is visible at all times.

Event Bar

The Event-Bar feature of Desigo CC's User Interface displays a lamp for all active events currently in the system, and is visible on the User Interface at all times.

Pane-Based Workflow

The User Interface has well-defined, pane-based workflow that keeps essential data in front of each end-user with no overlapping windows. End users can navigate the system through Systems Manager or via graphical interface. Panes can be tailored to the user-specified requirements for a specific building or facility.

Pane-based workflow provides the following features:

System Manager – used for navigating Desigo CC to view and control current conditions, analyze historical operation, and to configure Desigo CC. The System Manager uses a common, consistent workflow for all system navigation.

System Manager allows the end user to either select from traditional applications in 'Applications View,' or permits user-specified navigation in 'Management View', guiding the end-user to the most relevant data (*e.g. – selecting a certain part of the building for further detail, analysis*).

Primary Pane – the primary pane is used to show data that is critical to event response. This includes device information, key facility graphics (*e.g. — campus layout*), and floor-layout plans that show the location of selected devices or those that are in *Alarm* mode.

Secondary Pane – the secondary pane is used to display additional, critical data, including:

✓ A Reaction Processor that can be used for defining simple, time-based activities that include:
– scheduling backups, trend collections and reports

Related-Items Pane – Items such as operating procedures and other data that has been linked to specific devices are listed in this pane. When a device is selected – either by the operator or by the Desigo CC management station (based upon an active event) – all of the information that has been linked to that device is displayed in the Related-Items Pane.

Text Pane – The Text Pane provides a summary of the current value and status of any selected object without any prior system configuration. This is a convenient feature for obtaining an overview of system and / or device status.

Investigative Treatment for Event Management – Desigo CC enables fast response to system events through Investigative Treatment. When an event occurs, Desigo CC will find the device that is the event source in System Manager, and will bring up information associated with that device, including graphics and specific information about the device.

Operating and Engineering Modes

Desigo CC Manager provides two (2) separate modes for system use: Operation and Engineering. In Operating Mode, the end-user has the ability to monitor and control the system; address events, and analyze current and past data. Configuration changes, on the other hand, are possible via Engineering Mode.

Additionally, every user who is granted access privileges for system configuration can toggle Desigo CC into Engineering Mode, where system parameters can be set and user accounts can be managed. This is a powerful feature that should be limited to only a few advanced users.

Event List

The Event List provides a complete, easy-to-filter list of all active events in the system. Event List gives clear indication of each event's source and current status.

Custom messages and suggested action steps are displayed to the end-user, via the use of text, color, and icon representations. Events can be 'acknowledged', 'silenced', and 'reset,' via Event List.

Graphics

Desigo CC graphics are built using smart objects that know how they are used and how to represent themselves graphically. The use of smart objects allows you to create graphics by simply dragging and dropping objects onto a page, without manually binding object to graphical symbols. Desigo CC also provides a powerful AutoCAD importing tool that allows you to select and manipulate layers of AutoCAD drawings during and after the import process. The following file types are supported: .DWG, .DXF, .PNG, .BMP, .GIF, .JPG, .JPEG, .TIF, .TIFF, .RLE, .ICO.

Key Features — (continued)

Remote Notification (ReNo)

With the optional Remote Notification enabled, Desigo CC can be configured to automatically or manually send email, SMS messages, or pages to first-level responders. Additionally, escalated notification — when necessary — can also be sent to second-tier responders.

Mobile App

The Desigo CC Mobile App is designed for the Android and iOS operating systems enabling the user to remotely view events and object status based on user privileges. Users receive event notifications when new events are available.

The mobile app can optionally provide commanding of events and objects based on user privileges. The commanding capabilities of the Mobile App are not Agency listed or approved for commanding fire systems. The use of event commanding must be reviewed with and permitted by the local authority having jurisdiction (AHJ) or equivalent.

Video

The video-surveillance integration supports the workflows of System Manager and Event Treatment and enhances these workflows with video specific workflows and video support that are fully integrated into the Desigo CC UI experience.

Live streams and recordings can be displayed in the primary and secondary pane. In the contextual pane video operations (*e.g. – Pan-Tilt-Zoom | Start / Stop recording*) can be executed from both the video control and operations tabs.

Other Desigo CC applications are able to execute video commands and actions on events of video device supervision. The video integration is based on Siveillance VMS or Milestone XProtect Expert / Corporate.

Access Control

The Access Control option integrates with Siemens SiPass integrated and adds access control event monitoring and control capabilities to Desigo CC. Events from Access Control devices, doors, and areas are seamlessly incorporated into the Desigo CC event treatment workflows. Users can view door and I/O status information in graphics and the operations tab and monitor device connection status with integrated device supervision.

All access control commands are available to other Desigo CC applications (*e.g. – Reactions, Macros, & Scheduler*) providing enhanced cross discipline workflows (*e.g. – a card swipe starts recording of nearby camera, activates lighting, and resets temperatures*).

Remote Access

Desigo CC's User Interface can be accessed from remote, non-UL PCs solely for monitoring, via the available Web Client. This Remote Access feature enables up to 20 key stakeholders to have the same view of the User Interface as those operating the system from a remote PC — provided Desigo CC is installed on an *intranet* site – therefore enabling faster sharing of critical data over a wide area.

Assisted Treatment

The Assisted Treatment option provides the ability to pre-define a sequence of steps or actions, allowing the operator to optionally implement when responding to a system event. Each Assisted Treatment step provides instructions and operating tools (*e.g. – view the graphic of the object in `alarm'; view a related live video stream; fill-in a treatment form, or automatically print out system-event information*).

End-User Profiles

To ensure proper level of event-management support by Desigo CC for any system-event situation, pre-defined profiles can be established for each end-user or workstation that provide the correct level of event management for that user or workstation.

Reports

The Desigo CC reporting tool includes standard reporting templates. The Reports feature also allows the development of fully configurable reports with custom logos, headers, footers and layouts that include tabular and graphical system data. Reports can be scheduled and saved in .CSV or .PDF file extensions for future use.

Schedules

Schedules are automatically associated to systems they operate, in order for the end-user to quickly navigate to schedules related to any selected object.

Macros

Macros are pre-defined lists of commands that enable a user to send out a group of commands to specified devices with a single action. Macros can be started manually or automatically based on schedules defined for time-based functions or automatic reactions.

Reaction Processor

The Reaction Processor option allows Desigo CC to automatically execute given actions when some conditions are verified. Conditions can be any of the following: time-based (*e.g. – every Monday at 7:00 a.m.*); event-based (*e.g. – when technical equipment is in fault*); a change of values (*e.g. – when the temperature of a room is higher than a predefined value*), or on a variation of any or all of the above. When conditions are met, the Reaction Processor executes a pre-configured list of commands (*e.g. – switch on the lights*).

Key Features — (continued)

Multiple Installed Clients

Desigo CC can support up to seven (7) installed clients. Additionally, control of the fire-safety system can be transferred to these clients — provided the clients' accounts have been configured to assume control.

Log Viewer

The Log Viewer application provides a log/history of system events and user activities. Additionally, the feature allows users to retrieve past events and activities for further analysis and investigation. The Detailed Log within the Contextual Pane provides a log of the most recent user and system events and activities, relative to an individually selected object. For example, the system logs user intervention to a set point with previous, new value, timestamp and username. Data displayed within the Detailed Log can be further analyzed, via sorting and filtering functionality – similar to that of the Log Viewer.

Document Viewer

The Document Viewer displays object-related data sheets, operating manuals or other information contained in document file (*e.g. –a data sheet for a detector or sensor or web page*.)

Specifications

Desigo CC is a full, flexible client / server architecture for building automation and fire safety applications, allowing configurations from small, single-seat to large, multi-user installations.

Desigo CC can be installed completely on one (1) computer, with full server and client functionality. Additional clients (*e.g. – dedicated, browser, and Windows desktop application*) can be also be added. Additional system connections can be made through systems installed with a Desigo CC's Front End Process (FEP) configuration.

A Microsoft IIS server for Browser Clients and Desktop Application downloads can be installed on the server or on a separate installation.

The Desigo CC Server, FEP, and Dedicated clients run on Windows 7, 64-bit, or Windows Server 2008 R2 operating systems. Browser and Windows desktop application clients run on Windows 7 or Windows 8.1 operating systems.

The server hosts all the data for the system, while the clients are only for the visualization and the user interaction. The clients provide a high-resolution interface to all the relevant server data needed for monitoring and commanding the system. Control of the fire-safety system can be transferred from one client to another client if desired.

Specifications — (continued)

Operating Systems

Desigo CC Server, FEP, and Installed Clients run on the following Microsoft operating systems and editions:

- Microsoft Windows 7 64-bit
  (Professional, Ultimate, and Enterprise)
- Microsoft Windows 8.1 64-bit
  (Professional, Ultimate, and Enterprise)
- Microsoft Windows Server, 2008 R2
- Microsoft Windows Server, 2012 R2

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

- Microsoft Windows 7 64-bit
  (Professional, Ultimate, and Enterprise)
- Microsoft Windows 8.1 64-bit
  (Professional, Ultimate, and Enterprise)
- Microsoft Internet Explorer 11

Microsoft SQL Server Database

Microsoft SQL Server 2008 R2 Express is free and included on the product DVD. Additional supported SQL Server version and editions are:

- Microsoft Windows Server, 2008 R2
  (Express and Standard)
- Microsoft Windows Server, 2012 R2
  (Express and Standard)
- Microsoft Windows Server, 2014 R2
  (Express and Standard)

Microsoft Office

The following versions and editions of Microsoft Office are supported:

- Microsoft Office 2013
  (Standard, Small Business, Professional, Enterprise)
- Microsoft Office 2010
  (Standard, Small Business, Professional, Enterprise)
- Microsoft Office 2007
  (Standard, Small Business, Professional, Enterprise)

Virus Scanners

Desigo CC Server, FEP, and Installed Clients are compatible with the following Virus Scanners:

- Kaspersky   (© 1997-2015 Kaspersky Lab)
- Avira   (© 2015 Avira Operations GmbH & Co. KG.)
- McAfee   (© 2003-2015 McAfee, Inc.)
- Bitdefender (© 1997-2015 Bitdefender)
- TrendMicro
  Office Scan   (© 1998-2013 TrendMicro Inc.)

Firewalls

Desigo CC Server, FEP, and Installed Clients are compatible with the following Firewalls:

- Norton Security (©1995-2015 Symantec Corporation)
- Comodo Firewall (© 2015. Comodo Group, Inc.)
- Kaspersky TOTAL Security (© 1997-2015 Kaspersky Lab)
- Bitdefender Total Security (© 1997-2015 Bitdefender)
- McAfee   (© 2014 McAfee, Inc.)
- ZoneAlarm   (ZoneAlarm 2015 Extreme Security)
- Dell SonicWALL security   (© 2015 SonicWALL L.L.C.)
- Check Point Next Generation Firewalls
        (©2015 Check Point Software Technologies Ltd.)
- Cisco PIX Firewall Software

Specifications — (continued)

System Compatibilities

Desigo CC provides full control and monitoring of multiple building systems
for up to ~40,000 addressable fire points^:

- FireFinder XLS and MXL
  - Up to five (5) XNET networks (four [4] via Front End Processors {FEP})
  - Up to 63 panels per XNET network
- Desigo Fire Safety
  - Up to four (4) FCnet or FVnet networks
  - Up to 16 panels per SafeDLINK or 32 panels per FCnet
- APOGEE building automation controllers
- Simatic S7 PLCs
- Siveillance VMS 100, 200, 300
  - Up to 128 cameras for ®UL / ®ULC applications
  - Up to 512 cameras for non-UL/ULC applications
  - Up to 16 independent video streams per client
- Milestone XProtect Expert / Corporate
  - Up to 128 cameras for ®UL / ®ULC applications
  - Up to 512 cameras for non-UL/ULC applications
  - Up to 16 independent video streams per client
- SiPass integrated
  - Connect up to five (5) SiPass integrated servers
  - Up to 256 doors per server

> ^ Refer to the Desigo CC System Dimensioning Guide to verify the mix of fire, building automation, video and access control point count is supported.

Sub-System and Device Compatibilities

- APOGEE BACnet (PXC series controllers with Firmware 3.2.4, 3.2.5, 3.3, and 3.4 with some exceptions*)
- APOGEE P2 Ethernet (Firmware 2.8.10 in PXC, MBC, and MEC controllers)
- APOGEE P2 RS-485 via AEM (Firmware 2.8 in PXC, MBC, and MEC controllers)
- FireFinder XLS, via XNET (FireFinder XLS *v*8, *v*10.4, and *v*11)
- FireFinder and MXL, via XNET (35.06J)
- Desigo Fire Safety, via FCnet (MP1.*x*, MP2.0, MP2.1)
- Desigo Fire Safety Intelligent Voice Communication System, via FVnet (MP2.0, MP2.1)
- BACnet IP server devices (BTL listed as B-BC typical)
- OPC Client software solutions (i.e. SCADA solutions) compliant with OPC DA2.0
- OPC Server devices and software solutions (i.e. PLCs) compliant with OPC DA *v*2.05 / *v*3.00
- Modbus TCP server devices
- SNMP Manager for monitoring SNMP Agents (*v*1 and *v*2)
- Simatic S7- 300/400(-H) / 1200 *v*3
- SiPass integrated 2.65 SP2 & SP4
- Siveillance VMS 100, 200, and 300 2014 (*v*7.0c, *v*7.0d) and 2016 (10.1a)
- Milestone XProtect Expert/Corporate 2014 (*v*7.0c, *v*7.0d) and XProtect Expert/Corporate 2016 R2

* Recommended APOGEE BACnet controller compatibility for complete Point, PPCL, and TEC editing capabilities:
- PXC with Firmware Revision 3.2.4 or later
  - At least one (1) PXC-36 or PXC-M with controller UI files installed

Technical Data

®UL / ®ULC Listed Workstation
– Hardware Category A or B –

Operating System	Microsoft Windows 7 Ultimate, 64-bit
Processor	Intel i7 4th Generation, 2.4 GHz, Quad core, QM87 chipset
Memory	32 GB
Disk Drives	(1x) 240GB SSD, SATA III and (1x) 2TB Hard drive, SATA III
Network Card	Intel GigaLAN with two (2) ports
Graphics Card	PCI Express 2.0 –x–16 Video Card, 2GB of RAM, VGA port and 2 DVI outputs (1920 –x– 1080) -and- AMD FirePro W5000, 2GB of RAM, Display Outputs: Two DisplayPort and one (1) dual-link DVI-I (Max DisplayPort 1.2 Resolution: 4096 –x– 2160; Max DisplayPort 1.1 Resolution: 2560 –x– 1600; Max DVI Resolution: 2560x1600)
DVD drive	DVD / RW drive
USB	Two (2) USB 3.0 and five (5) USB 2.0 (Note: Two (2) USB 2.0 ports are behind the door)
Serial / Parallel Ports	One (1) parallel port; Two (2) RS-232 communication ports
XNET Interface Card	Siemens Model NCC-2F card
Monitoring Card	Fan Monitoring and Watchdog Card
Keyboard / Mouse	PS/2 keyboard and mouse ports
Power Supply	650 Watt
Certifications	®UL864 9th Edition / ®ULC-S527-11 / ®UL2572 Recognized
Recommended Use:	Small / Medium Server, Front End Processor (FEP), or Client

®UL / ®ULC Listed Server
– Hardware Category C –

Operating System	Microsoft Windows Server 2012, 64-bit with 5 Client Access Licenses (CAL)
Processor	Two Intel Xeon Processor X5550; 2..4 GHz, Quad Core
Memory	32 GB
Disk Drives	(1x) 240GB SSD, SATA II and (1x) 2TB Hard drive, SATA II
Network Card	Intel GigaLAN with two (2) ports
Graphics Card	Dual PCI Express 2.0 –x–16 Video Card; 2GB of RAM, VGA port and 2 DVI outputs (1920 –x– 1080)
DVD drive	DVD / RW drive
USB	Six (6) USB 2.0 (Note: Two (2) USB 2.0 ports are behind the door)

– Hardware Category C – (continued)

Serial / Parallel Ports	None
XNET Interface Card	Siemens Model NCC-2F card
Monitoring Card	Fan Monitoring and Watchdog Card
Keyboard / Mouse	PS/2 keyboard and mouse ports
Power Supply	650 Watt
Certifications	®UL864 9th Edition / ®ULC-S527-11 / ®UL2572 Recognized
Recommended Use: Small / Medium Server	

®UL / ®ULC Listed 22" (56 cm.) Widescreen Monitor

Resolution	1920 –x– 1080 HD
Backlight	LED
Speaker	Two (2) Multimedia Audio Plug (Built-In, 2W, 3.5mm)
Inputs	VGA DVI-Connector (D-Sub, 15 pin)
VESA Mount	75 / 75 mm
Dimensions with Stand	20.2" [W] –x– 15" [H] –x– 6.75" [D] (51.4 cm –x– 38.7 cm –x– 17.1 cm)
Weight	14.3 Lbs. (6.5 kg.)
Color	**black**
Power Supply Input	120 VAC to 12V DC power brick
Power Consumption	41W, typical (max.)
Current Rating	5A (with audio)
Certifications	®UL864 9th Edition / ®ULC-S527-11 / ®UL2572 Recognized

®UL / ®ULC Listed 42" (107 cm.) Monitor

Resolution	1920 –x– 1080 HD
Backlight	LED
Speaker	None (Optional add-on available.)
Inputs	VGA DVI-Connector (D-Sub, 15 pin)
VESA Mount	No
Dimensions with Stand	41.4" [W] –x– 25.4" [H] –x– 4.4" [D] (105.1 cm –x– 64.5 cm –x– 11.2 cm)
Weight	70 Lbs. (31.75 kg.)
Color	**black**
Power Supply Input	90 VAC to 264 VAC
Power Consumption	235W, typical (max.)
Current Rating	1.7A
Certifications	®UL864 9th Edition / ®ULC-S527-11 / ®UL2572 Recognized

NOTE: Refer to the Desigo CC System Description **v**2.1 for computer specifications when Desigo CC is used in non-UL864 / ULC-S527 applications.

Details for Ordering

SERVER Hardware / Software Packages

Model	Hardware Category	Part Number	Description
DCC-W7I7-22L-S	A or B	S54465-C10-A2	**DESIGO CC SERVER PACKAGE** • ®UL / ®ULC Listed Workstation • 22" (56 cm.) Monitor • Desigo CC software • NCC-2F interface card
DCC-W7I7-42L-S	A or B	S54465-C12-A2	**DESIGO CC SERVER PACKAGE** • ®UL /®ULC Listed Workstation • <u>42</u>" (107 cm.) Monitor • Desigo CC software • NCC-2F interface card
DCC-W7XN-22L-S	C	S54465-C30-A2	**DESIGO CC SERVER PACKAGE** • ®UL /®ULC Listed PC • 22" (56 cm.) Monitor • Desigo CC software • NCC-2F interface card
DCC-W7XN-42L-S	C	S54465-C31-A2	**DESIGO CC SERVER PACKAGE** • ®UL /®ULC Listed PC • <u>42</u>" (107 cm.) Monitor • Desigo CC software • NCC-2F interface card

CLIENT Hardware / Software Packages

Model	Hardware Category	Part Number	Description
DCC-W7I7-22L-C	A or B	S54465-C33-A2	**DESIGO CC CLIENT PACKAGE** • ®UL / ®ULC Listed Workstation • 22" Monitor • Desigo CC software
DCC-W7I7-42L-C	A or B	S54465-C34-A2	**DESIGO CC CLIENT PACKAGE** • ®UL / ®ULC Listed Workstation • <u>42</u>" Monitor • Desigo CC software

®UL Listed Hardware Only ⟶ PCs

Model	Hardware Category	Part Number	Description
UHW-W7I7-00L-M	A or B	S54465-C1-A2	®UL / ®ULC Listed Workstation Hardware – **w / o** Desigo CC SW, **w / o** Monitor
UHW-W7XN-00L-M	C	S54465-C2-A2	®UL / ®ULC Listed SERVER PC Hardware with WIN7 – **w / o** Desigo CC SW, **w / o** Monitor

®UL Listed Hardware Only ⟶ Monitors

Model	Part Number	Description
UHW-0000-22L-L	S54465-C8-A2	®UL / ®ULC Listed 22" (56 cm.) Monitor
UHW-0000-42L-L	S54465-C9-A2	®UL 864, 42" (107 cm.) Monitor

Network Interfaces

Model	Part Number	Description
MOSA	S54465-C62-A1	**Each order of Model MOSA consists of the following components:**
		One (1) Model ENCL-01 enclosure with key-lock door
		One (1) Model XND-M: XND-M (XNET interface) Module for MOSA
		One (1) Model BRKT-M: Bracket for mounting an XND-M module to a Model ENCL-01 enclosure
		One (1) Model S2E: Serial-to-Ethernet Module
		One (1) Model PS-5A: Auxiliary 5V power supply module
NCC-2F	500-849430	®UL 864 9th Edition Listed PC Interface Network Card for X-NET Systems

Network Switches

Model	Part Number	Description
SCALANCE X204-2	500-650537	Multi-Mode Ethernet Fiber Switch
EIS6-100T/FT	571-581	Multi-mode Ethernet Fiber Switch
EIS-ENCL	571-582	Enclosure for Multi-mode Ethernet Fiber Switch

Details for Ordering − (continued)

NEW LICENSES − Required Software Licenses

Model	Part Number	Description
CCA-EXT-FSET	P55802-Y118-**A**100	New license for *Extended Feature Set*
CCA-1-CL	P55802-Y119-**A**200	New license for *Add one (1) Client*
CCA-MAX-CL	P55802-Y120-**A**200	New license for *Add Max Clients*

NEW LICENSES − Required Fire Safety Point Licenses

Model	Part Number	Description
CCA-100-FIRE	P55802-Y158-**A**412	Desigo CC license for new installs: *Add 100 Fire dps*
CCA-1000-FIRE	P55802-Y158-**A**413	Desigo CC license for new installs: *Add 1,000 Fire dps*
CCA-5000-FIRE	P55802-Y158-**A**453	Desigo CC license for new installs: *Add 5,000 Fire dps*
CCA-10000-FIRE	P55802-Y158-**A**414	Desigo CC license for new installs: *Add 10,000 Fire dps*
CCA-100-SCADA	P55802-Y124-**A**412	Desigo CC license for new installs: *Add 100 OPC Client Points* (and other general purpose Data Point [dps])
CCA-1000-SCADA	P55802-Y124-**A**413	Desigo CC for new installs: *Add 1000 OPC Client Points* (and other general purpose dps)

NEW LICENSES − Required Software Licenses, Video

Model	Part Number	Description
CCA-V-PLUS	P55802-Y159-A300	**Video Option Plus**
		License option to add the discipline Video to Desigo CC
		The license includes eight (8) monitors; eight (8) embedded cameras, and one (1) Siveillance VMS 200 embedded license
CCA-V-16MON	P55802-Y160-A401	**Add 16 monitors**
		License option to enable 16 additional monitors in Desigo CC
CCA-V-16EMBC	P55802-Y162-A401	**Add 16 embedded cameras**
		License extension to enable 16 additional embedded cameras in Desigo CC and the embedded VMS
CCA-V-16EXTC	P55802-Y161-A401	**Add 16 external cameras**
		License extension to enable 16 additional embedded cameras in Desigo CC <u>**Note**</u>: embedded camera licenses will be disabled

NEW LICENSES − Required Software Licenses, Access Control

Model	Part Number	Description
CCA-AC-16EXTD	P55802-Y164-A401	**Add 16 doors**
		New License extension to enable 16 additional doors of an external access-control system <u>**Note**</u>: I/O's are licensed as security points
CCA-100-SEC	P55802-Y102-A412	**Add 100 Security dps**
		New License extension to enable 100 Security data points
CCA-1000-SEC	P55802-Y102-A413	**Add 1000 Security dps**
		New License extension to enable 1000 Security data points

<u>**NOTE:**</u> Access Control does <u>not</u> have an Access Control option license as the Video Module (CCA-V-PLUS). Door and security data point licenses are only required.

NEW LICENSES − Optional License, SiPass

Model	Part Number	Description
AAC-16-GMS	P54511- P101-A1	New License for adding the Desigo CC integration option to the SiPass integrated server. Includes all necessary licenses to connect SiPass to Desigo CC.
		<u>**Note**</u>: This license needs to be ordered through your SiPass rep.

Details for Ordering — (continued)

NEW LICENSES – Optional Licenses

Model	Part Number	Description
CCA-OP-RENO	P55802-Y126-**A**300	Desigo CC: Add REMOTE NOTIFICATION (RENO) Option
CCA-OP-OPC	P55802-Y100-**A**300	Desigo CC: License for exposing dps as OPC-server dps to a 3rd-party OPC client
CCA-OP-AS-TR	P55802-Y103-**A**300	Desigo CC: Assisted Event Treatment Option
CCA-OP-RE-PR	P55802-Y104-**A**300	Desigo CC: Available options for the Reaction Processor
CCA-OP-LOG-V	P55802-Y132-**A**300	Desigo CC: License for the Log Viewer and Detailed Log
CCA-OP-WS-LIVE	P55802-Y163-**A**300	Desigo CC: License for live data for the Mobile App (up to five [5] concurrent mobile apps users)
CCA-OP-WS-CMD	P55802-Y166-**A**300	Desigo CC: License for object commanding in the Mobile App
CCA-OP-WS-ADD	P55802-Y167-**A**300	Desigo CC: License to add one (1) more concurrent Mobile App user

NEW LICENSES – Optional Licenses, Accessories

Model	Part Number	Description
DCC-EXSW-000-M	S54465-C47-A1	Desigo CC Installation DVD (with print manual)
CMD.04	S55802-Y148	*USB license hardware key (dongle)*
		Hardware key is mandatory for Engineering Licenses (Model CCA-ENG)
CCA-ENG	P55802-Y130-A100	*One-year Engineering License*
		Provides access to all Desigo CC functionality for one year. Engineering Licenses requires use of a hardware key (Model CMD.04)

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RENEWAL LICENSES – Required Software Licenses

Model	Part Number	Description
CCA-EXT-FSET-SU<u>R</u>	P55802-Y118-**B**100	Desigo CC: Software License Renewal (SUR) for *Extended Feature Set*
CCA-1-CL-SU<u>R</u>	P55802-Y119-**B**200	Desigo CC: Software License Renewal (SUR) for *Add one (1) Client*
CCA-MAX-CL-SU<u>R</u>	P55802-Y120-**B**200	Desigo CC: Software License Renewal (SUR) for *Add Max Clients*

RENEWAL LICENSES – Fire Safety Point Licenses

Model	Part Number	Description
CCA-100-FIRE-SU<u>R</u>	P55802-Y158-**B**412	Desigo CC: Software License Renewal (SUR) for *Add 100 Fire dps*
CCA-1000-FIRE-SU<u>R</u>	P55802-Y158-**B**413	Desigo CC: Software License Renewal (SUR) for *Add 1,000 Fire dps*
CCA-5000-FIRE-SU<u>R</u>	P55802-Y158-**B**453	Desigo CC: Software License Renewal (SUR) for *Add 5,000 Fire dps*
CCA-10000-FIRE-SU<u>R</u>	P55802-Y158-**B**414	Desigo CC: Software License Renewal (SUR) for *Add 10,000 Fire dps*
CCA-100-SCADA-SU<u>R</u>	P55802-Y124-**B**412	Desigo CC Software License Renewal (SUR) for: *Add 100 OPC Client Points* (and other general purpose Data Point [dps])
CCA-1000-SCADA-SU<u>R</u>	P55802-Y124-**B**413	Desigo CC Software License Renewal (SUR) for: *Add 1000 OPC Client Points* (and other general purpose Data Point [dps])

RENEWAL LICENSES – Software License, Video

Model	Part Number	Description
CCA-V-PLUS-SU<u>R</u>	P55802-Y159-**B**300	*Video Option Plus*
		License option to add the discipline Video to Desigo CC
		The license includes eight (8) monitors; eight (8) embedded cameras, and one (1) Siveillance VMS 200 embedded license
CCA-V-16MON-SU<u>R</u>	P55802-Y160-**B**401	*Add 16 monitors*
		License option to enable 16 additional monitors in Desigo CC
CCA-V-16EMBC-SU<u>R</u>	P55802-Y162-**B**401	*Add 16 embedded cameras*
		License extension to enable 16 additional embedded cameras in Desigo CC and the embedded VMS
CCA-V-16EXTC-SU<u>R</u>	P55802-Y161-**B**401	*Add 16 external cameras*
		License extension to enable 16 additional embedded cameras in Desigo CC **Note**: embedded camera licenses will be disabled

Details for Ordering – (continued)

RENEWAL LICENSES – Required Software License, Access Control

Model	Part Number	Description
CCA-AC-16EXTD-SUR	P55802-Y164-**B**401	***Add 16 doors***
		License extension to enable 16 additional doors of an external access-control system
		Note: I/O's are licensed as security points
CCA-100-SEC-SUR	P55802-Y102-**B**412	***Add 100 Security dps***
		License extension to enable 100 Security data points
CCA-1000-SEC-SUR	P55802-Y102-**B**413	***Add 1000 Security dps***
		License extension to enable 1000 Security data points

RENEWAL LICENSES – Optional Licenses

Model	Part Number	Description
CCA-OP-RENO-SUR	P55802-Y126-**B**300	Desigo CC: Add REMOTE NOTIFICATION (RENO) Option [for software update renewal, SUR]
CCA-OP-OPC-SUR	S55802-Y100-**B**300	Desigo CC: License for exposing dps as OPC-server dps to a 3rd-party OPC client [for SUR]
CCA-OP-AS-TR-SUR	P55802-Y103-**B**300	Desigo CC: Assisted Event Treatment Option [for SUR]
CCA-OP-RE-PR-SUR	P55802-Y104-**B**300	Desigo CC: Available options for the Reaction Processor [for SUR]
CCA-OP-LOG-V-SUR	P55802-Y132-**B**300	Desigo CC: License for the Log Viewer and Detailed Log [for SUR]
CCA-OP-WS-LIVE-SUR	P55802-Y163-**B**300	Desigo CC: License for live data for the Mobile App (up to five [5] concurrent mobile apps users) – [for SUR]
CCA-OP-WS-CMD-SUR	P55802-Y166-**B**300	Desigo CC: License for object commanding in the Mobile App [for SUR]
CCA-OP-WS-ADD-SUR	P55802-Y167-**B**300	Desigo CC: License to add one (1) more concurrent Mobile App user [for SUR]

SERVICE LICENSES – Required Software Licenses

Model	Part Number	Description
CCA-EXT-FSET-SUS	P55802-Y118-**C**100	Software upgrade service (SUS) for ***Extended Feature Set***
CCA-1-CL-SUS	P55802-Y119-**C**200	Software upgrade service (SUS) for ***Add one (1) Client***
CCA-MAX-CL-SUS	P55802-Y120-**C**200	Software upgrade service (SUS) for ***Add Max Clients***

SERVICE LICENSES – Fire Safety Point Licenses

Model	Part Number	Description
CCA-100-FIRE-SUS	P55802-Y158-**C**412	Software upgrade service (SUS) for ***Add 100 Fire dps***
CCA-1000-FIRE-SUS	P55802-Y158-**C**413	Software upgrade service (SUS) for ***Add 1,000 Fire dps***
CCA-5000-FIRE-SUS	P55802-Y158-**C**453	Software upgrade service (SUS) for ***Add 5,000 Fire dps***
CCA-10000-FIRE-SUS	P55802-Y158-**C**414	Software upgrade service (SUS) for ***Add 10,000 Fire dps***
CCA-100-SCADA-SUS	P55802-Y124-**C**412	Software upgrade service (SUS) for ***Add 100 OPC Client Points*** (and other general-purpose dps)
CCA-1000-SCADA-SUS	P55802-Y124-**C**413	Software upgrade service (SUS) for ***Add 1000 OPC Client Points*** (and other general-purpose dps)

Details for Ordering – (continued)

SERVICE LICENSES – Required Software License, Video

Model	Part Number	Description
CCA-V-PLUS-SUS	P55802-Y159-C300	*Video Option Plus*
		Service License option to add the discipline Video to Desigo CC
		The license includes eight (8) monitors; eight (8) embedded cameras, and one (1) Siveillance VMS 200 embedded license
CCA-V-16MON-SUS	P55802-Y160-C401	*Add 16 monitors*
		Service License option to enable 16 additional monitors in Desigo CC
CCA-V-16EMBC-SUS	P55802-Y162-C401	*Add 16 embedded cameras*
		Service License extension to enable 16 additional embedded cameras in Desigo CC and the embedded VMS
CCA-V-16EXTC-SUS	P55802-Y161-C401	*Add 16 external cameras*
		Service License extension to enable 16 additional embedded cameras in Desigo CC **Note**: embedded camera licenses will be disabled

SERVICE LICENSES – Required Software License, Access Control

Model	Part Number	Description
CCA-AC-16EXTD-SUS	P55802-Y164-C401	*Add 16 doors*
		Service License extension to enable 16 additional doors of an external access-control system
		Note: I/O's are licensed as security points
CCA-100-SEC-SUS	P55802-Y102-C412	*Add 100 Security dps*
		Service License extension to enable 100 Security data points
CCA-1000-SEC-SUS	P55802-Y102-C413	*Add 1000 Security dps*
		Service License extension to enable 1000 Security data points

SERVICE LICENSES – Optional Licenses

Model	Part Number	Description
CCA-OP-RENO-SUS	P55802-Y126-C300	Desigo CC: Add REMOTE NOTIFICATION (RENO) Option [for software update service, SUS]
CCA-OP-OPC-SUS	P55802-Y100-C300	Desigo CC: License for exposing dps as OPC-server dps to a 3rd-party OPC client [for SUS]
CCA-OP-AS-TR-SUS	P55802-Y103-C300	Desigo CC: License for Assisted Event Treatment Option [for SUS]
CCA-OP-RE-PR-SUS	P55802-Y104-C300	Desigo CC: License for available options for the Reaction Processor [for SUS]
CCA-OP-LOG-V-SUS	P55802-Y132-C300	Desigo CC: License for SW Service Upgrade Service (SUS) for the Log Viewer and Detailed Log
CCA-OP-WS-LIVE-SUS	P55802-Y163-C300	Desigo CC: License for SW Service Upgrade Service (SUS) for live data for the Mobile App
CCA-OP-WS-CMD-SUS	P55802-Y166-C300	Desigo CC: License for SW Service Upgrade Service (SUS) for object commanding in the Mobile App
CCA-OP-WS-ADD-SUS	P55802-Y167-C300	Desigo CC: License for SW Service Upgrade Service (SUS) for object commanding in the Mobile App adding one (1) more concurrent Mobile App user

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Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.