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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.

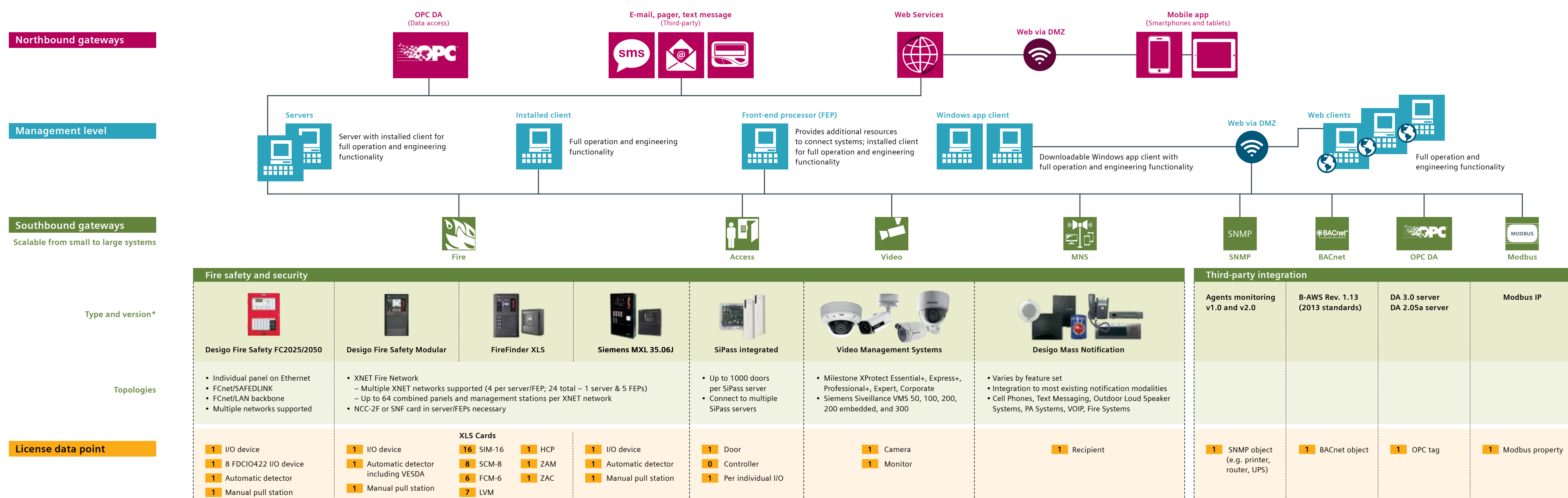
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Desigo® CC Planning Tool

Precise, efficient safety and control
at your fingertips

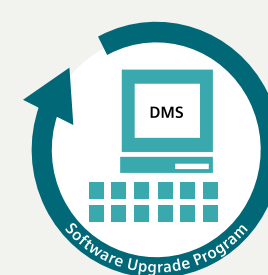
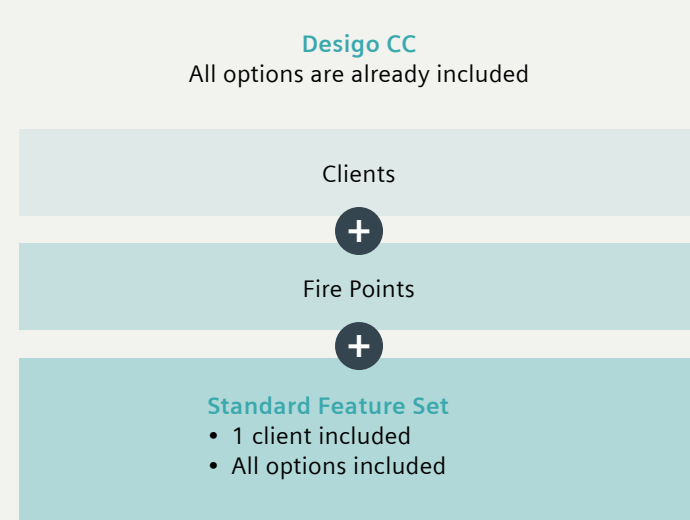
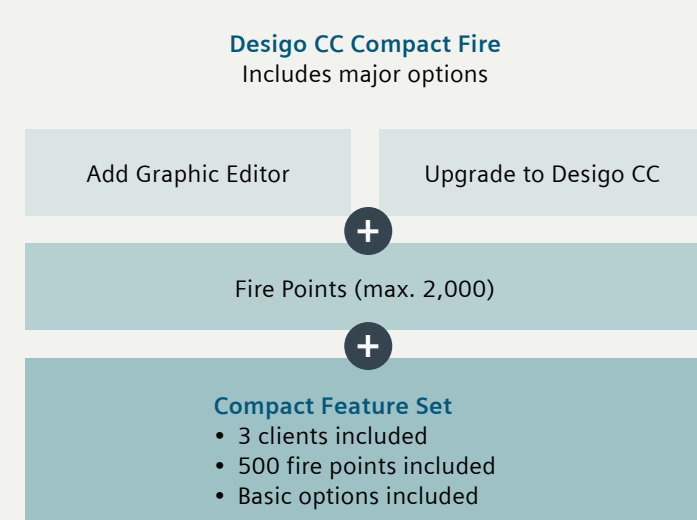
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Desigo CC architecture



Licensing: Understanding your options

Desigo CC v3.0 is available in the Desigo CC Compact version that features select options or as the full Desigo CC suite with all options included.



Software upgrades: Annual Subscription or One-time Upgrade

Your Desigo CC comes with a one-year Software Upgrade Service (SUS) program with options to renew. You are encouraged to keep Desigo CC software up-to-date with the latest software version through the Software Upgrade Service program:

- Maintain an Annual Subscription
- Purchase a One-time Upgrade

Annual Subscription

- Latest version of software free of charge
- State-of-the-art features
- Best performance
- IT security updates
- Support of latest version of operating system

Every new Desigo CC installation includes free 12 month Software Upgrade Service subscription, which entitles the site to optionally install any new version within the first 12 months after the software is activated.

Annual Subscriptions are renewed for 12 months at a time by purchasing Service Upgrade Renewal (SUR) licenses that match each license installed on the Desigo CC.

Renew during the active subscription period or within 12 months of the subscription expiration (grace period) to receive the latest version of software and maintain your Software Upgrade Service subscription.

After the expiration of the grace period, the subscription is inactive and upgrades can only be obtained by purchasing One-time Upgrade licenses.

One-time Upgrade

- Remain on current version and upgrade at your convenience
- Continuously receive high level of maintenance and support of existing software version
- Best performance
- IT security updates
- Upgrade your software and receive support of the latest version of operating system

Every new Desigo CC installation includes free 12 month Software Upgrade Service subscription, which entitles the site to optionally install any new version within the first 12 months after the software is activated.

A Desigo CC with an inactive Software Upgrade Service subscription, where the subscription period and the grace period have expired, can purchase a One-time Upgrade.

Purchase the Software Upgrade and Subscription (SUS) licenses that match each license installed on the Desigo CC to receive the latest version of software and start a new 12 month Software Upgrade Service subscription.

Example: Site with active subscription for Software Upgrade Service

A site with a valid subscription automatically gets all new software releases without any additional charge. The subscription stays valid as long as it is purchased within the 12 month grace period. The site has all the new versions (V2.1, V3.0 and V3.1).

Example: Site with inactive subscription for Software Upgrade Service

The initial subscription for the software upgrade service was not renewed within the grace period and V3.0 was not automatically delivered at the time of the release. With the purchase of a software upgrade and subscription, the upgrade service gets reactivated and versions V3.0 and V3.1 become available for the site.

Please note that software upgrade programs are managed using specific part numbers. Refer to the latest Sales Release available on InfoLink to obtain the part numbers.

Building your Desigo CC Management Station

Addressing your immediate system needs & accommodating for the future

Included	Option/feature included
—	Option not available/orderable separately
+	Option available as orderable license

BUILDING STEP SUMMARY	Part number	Desigo CC Compact Fire	Desigo CC Standard
1. Select feature set & options	Feature set & options		
Compact feature set (CCA-CMPT-DMS)	P55802-Y110-A100	Included	—
Standard feature set (CCA-STD-FSET)	P55802-Y114-A100	—	Included
Summary Bar & Event List, Journaling, Macros, Time-based Reactions, Scheduler, Long-Term Storage, Reports, Standard Drivers (BACnet, OPC DA, Modbus, SNMP)	—	Included	Included
Graphics Editor (CCA-OP-GRAPH-ED)	P55802-Y127-A300	+	Included
Remote Notification (E-mail, pager, text message)	—	Included	Included
Assisted Treatment	—	Included	Included
Mobile App and Web Service Connections	—	Included (max. 5)	Included
Scripting Engine and Event/value-based Reactions	—	—	Included
Log Viewer	—	—	Included
Distributed Systems	—	—	Included
Upsell license to convert Desigo CC Compact License to Standard License	P55802-Y110-A500	+	—
OPC DA Server	—	—	Included
2. Add additional clients	Clients		
Clients Included	—	3 (max. 3)	1
Add 1 client (CCA-1-CL)	P55802-Y119-A200	—	+
Add unlimited clients (CCA-MAX-CL)	P55802-Y120-A200	—	+
3. Add the right disciplines	Fire		
Included fire points	—	500 (max. 2,000)	None
Add 100 fire points (CCA-100-FIRE)	P55802-Y158-A412	+	+
Add 500 fire points (CCA-500-FIRE)	P55802-Y158-A452	+	+
Add 5,000 fire points (CCA-5000-FIRE)	P55802-Y158-A453	—	+
Add 10,000 fire points (CCA-10000-FIRE)	P55802-Y158-A414	—	+
Video	Video		
Included video cameras	—	None (max. 128)	None
Video option for external VMS integration	—	Included	Included
Video option for embedded VMS (CCA-V-PLUS) [includes Siveillance VMS 200 embedded, 8 monitors, & 8 embedded camera]	P55802-Y159-A300	+	+
Add 16 external cameras (CCA-V-16EXTC)	P55802-Y161-A401	+	+
Add 128 external cameras (CCA-V-128EXTC)	P55802-Y161-A412	+	+
Add 16 embedded cameras (CCA-V-16EMBC)	P55802-Y162-A401	+	+
Add 16 monitors (CCA-V-16MON)	P55802-Y160-A401	+	+
Add 128 monitors (CCA-V-128MON)	P55802-Y160-A412	+	+
Access Control	Access Control		
Included access control doors	—	None (max. 128)	None
Add 16 doors	—	+	+
Security	Security		
Included security I/O points	—	None (max. 500)	None
Add 100 security I/O points	—	+	+
Add 500 security I/O points	—	+	+

4. Select a UL/ULC computer	Step 4a: Computer packages	Selection guide
	UL/ULC HW category B computer, 22" LCD monitor, SNC card, Software DVD, (no software licenses included) – (DCC-CATB-PKG-SM)	S54465-C79-A2
	UL/ULC HW category B computer, 42" LCD monitor, SNC card, Software DVD, (no software licenses included) – (DCC-CATB-PKG-LM)	S54465-C80-A1
	Step 4b: Build your own package	Selection guide
Select a computer		
	UL/ULC HW category A computer, Windows 10, SNC card, Management Station Utility, (No Monitor, Software DVD, or software licenses included) – (UHW-CATA-01)	S54465-C73-A1
	UL/ULC HW category B computer, Windows 10, SNC card, Management Station Utility, (No Monitor, Software DVD, or software licenses included) – (UHW-CATB-01)	S54465-C73-A2
	UL/ULC HW category C computer, Windows Server 2012 R2, SNC card, Management Station Utility, (No Monitor, Software DVD, or software licenses included) – (UHW-CATC-01)	S54465-C74-A1
	UL/ULC HW category D computer, Windows Server 2012 R2, SNC card, Management Station Utility, (No Monitor, Software DVD, or software licenses included) – (UHW-CATD-01)	S54465-C74-A2
Select a monitor		
	UL/ULC 22" LCD Monitor, desktop mount – (UHW-0000-22L-L)	S54465-C8-A2
	UL/ULC 42" LCD Monitor, wall mount – (UHW-0000-42L-L)	S54465-C9-A2
Add the Desigo CC DVD		
	Desigo CC Installation DVD & Instructions – (DCC-SW-PKG-3P0)	S54465-C80-A2

5. Select optional network interfaces	Network interfaces	Selection guide
	Serial Network Card interface (XNET) between management station and Desigo Fire Safety Modular, FireFinder XLS, and MXL – (SNC)	S54400-N1-A1
	Monitoring Only interface (XNET) between management station and Desigo Fire Safety Modular, FireFinder XLS, and MXL – (MOSA)	S54465-C62-A1
6. Select network switches	Network switches	Selection guide
	Multi-mode fiber ethernet switch. UL listed – (Scaleance X-204-2)	500-650537
	Single-mode fiber ethernet switch. UL listed – (Scaleance X204-2LD)	S54430-A6-A1
	Ethernet switch (modular) with CAT5, Multi-mode, and Single-Mode Ethernet module options. UL & ULC listed – (FN2012-A1)	S54400-B152-A1
	Electric/CAT5 Ethernet module for modular Ethernet switch (FN2012-A1). UL & ULC listed – (VN2001-A1)	S54400-A42-A1
	Multi-mode fiber Ethernet module for modular Ethernet switch (FN2012-A1). UL & ULC listed – (VN2002-A1)	S54400-A43-A1
	Single-mode fiber Ethernet module for modular Ethernet switch (FN2012-A1). UL & ULC listed – (VN2003-A1)	S54400-A44-A1

Engineering & demo licenses

License options	Orderable licenses	Part number (SSN)
Option 1 – engineering licenses		
<ul style="list-style-type: none"> Time-limited (12 months), renewable licenses Only available as "dongle-based" All Desigo CC software features for all versions (size and options) are enabled 	CMD.04 LMS Micro Dongle Physical license key for Desigo CC (CMD.04 Micro Dongle)	S55802-Y148
	CCA-ENG CC engineering CC engineering license for 12 months	P55802-Y130-A100
Option 2 – one-shot license		
<ul style="list-style-type: none"> Valid for two months – extendable for an additional month Only available without dongle All option features are enabled excluding the size features; to activate the size features, the customer license is needed 	CCA-STARTUP-BASE	P55802-Y131-A100
Option 3 – demo license		
<ul style="list-style-type: none"> Valid for 12 months Standard feature set with all options included Includes 2 clients, 50 fire data points, 100 SCADA data points, 50 security data points, 16 external doors, 8 monitors, 8 external and embedded cameras External systems such as SiPass and VMS are not included 	CCA-DEMO	P55802-Y140-A100

Estimating a project

Hospital

- Understand customer needs**
- Provide maintenance staff a place a central place to Command & Control the fire system in an efficient manner.
 - Provide key personal fire system notifications while onsite or at home.
 - Site graphics are not needed.

- Identify systems to integrate & point count**
- 6 networked Desigo Fire Safety modular panels
 - Total of 1423 addressable fire points (detectors, pull stations, I/Os)

- Determine the hardware and software characteristics**
- 1x – Desigo CC compact feature set (CCA-CMPT-DMS)
 - 2x – License for 500 fire points (CCA-500-FIRE)
 - 1x – Desigo CC Computer Package with 22" monitor (DCC-CATB-PKG-SM)

University campus

- Understand customer needs**
- Manage multiple systems in a uniform way across a geographically extended area
 - Provide maintenance staff a place a central place to manage the fire system and monitor several restricted access areas with video feeds.
 - Provide key personal fire system notifications while onsite

- Identify systems to integrate & point count**
- 10 networked Desigo Fire Safety Modular panels (Command & Control)
 - 4 networked Desigo Fire Safety panels (Command & Control)
 - 1 remote stand-alone Desigo Fire Safety Modular panel (Monitoring only)
 - Total of 9,130 addressable fire points (detectors, pull stations, I/Os)
 - 5 video cameras

- Determine the hardware and software characteristics**
- 1x – Desigo CC feature set (CCA-STD-FSET)
 - 1x – License for 10,000 fire points (CCA-10000-FIRE)
 - 1x – License for Video Option Plus Includes SIVMS 200 embedded, 8 monitors, and 8 embedded camera licenses (CCA-V-PLUS)
 - 1x – Desigo CC Computer Package with 22" monitor (DCC-CATB-PKG-SM)
 - 1x – XNET Monitoring only interface (MOSA)
 - 1x – UL-listed Ethernet switch, multi-mode fiber (Scaleance X-204-2)

Monitoring only solutions

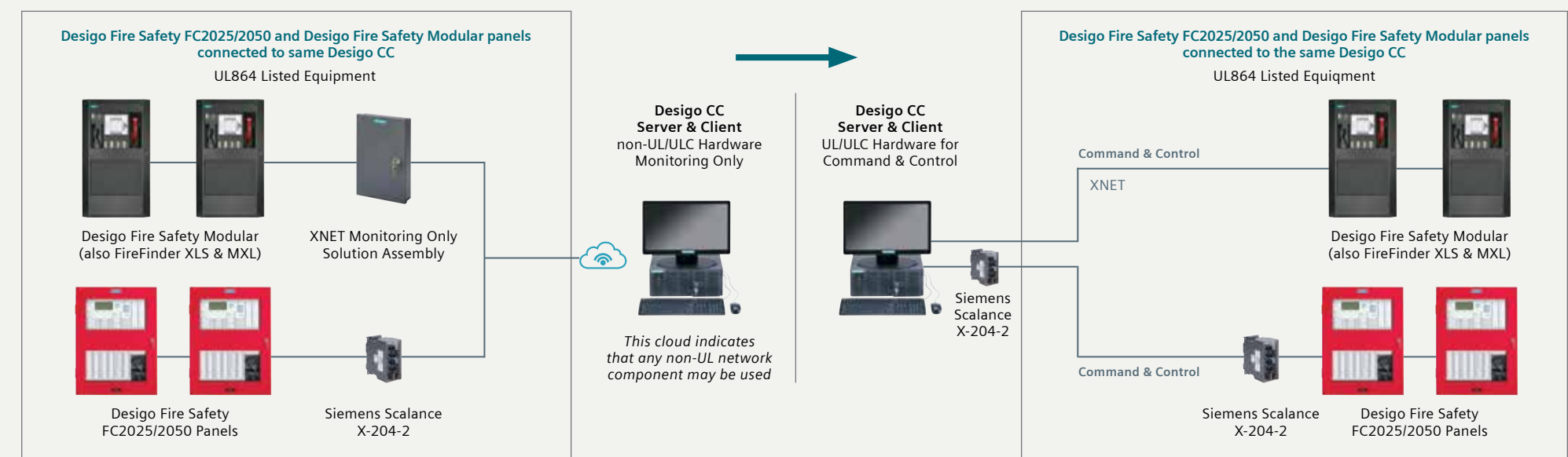
- Desigo CC monitoring only solutions**
- Provide the capability to **monitor one or more fire panels** using the building network infrastructure and commercial-off-the-shelf computers
 - Reduce the cost entry point while providing site-wide situational awareness capabilities and event notifications
 - Provide an entry point to a management station that can grow in size and capability as customer needs expand

More information at: <https://www.brainshark.com/siemenscorp2/vu?pi=zlozqPTa8zWqwkz0>



Start with monitoring only and move to full command & control when customer needs expand!

- Upgrade to UL/ULC server (and clients).
- Desigo Fire Safety FC2025/2050 – add additional switch and use dedicated fiber between switches.
- Desigo Fire Safety Modular – use dedicated copper or fiber with fiber interface modules between server interface card and NIC-C card.



Desigo CC migration for NCC, MM8000, and Apogee Insight Life Safety

Smooth migration with NCC, MM8000, and Apogee Insight Life Safety conversion tools

Migration of NCC, MM8000, and Apogee Insight Life Safety projects to Desigo CC is simple. Desigo CC v3.0 provides conversion tools from where it is possible to import MM8000 Composer projects or NCC exported graphics.

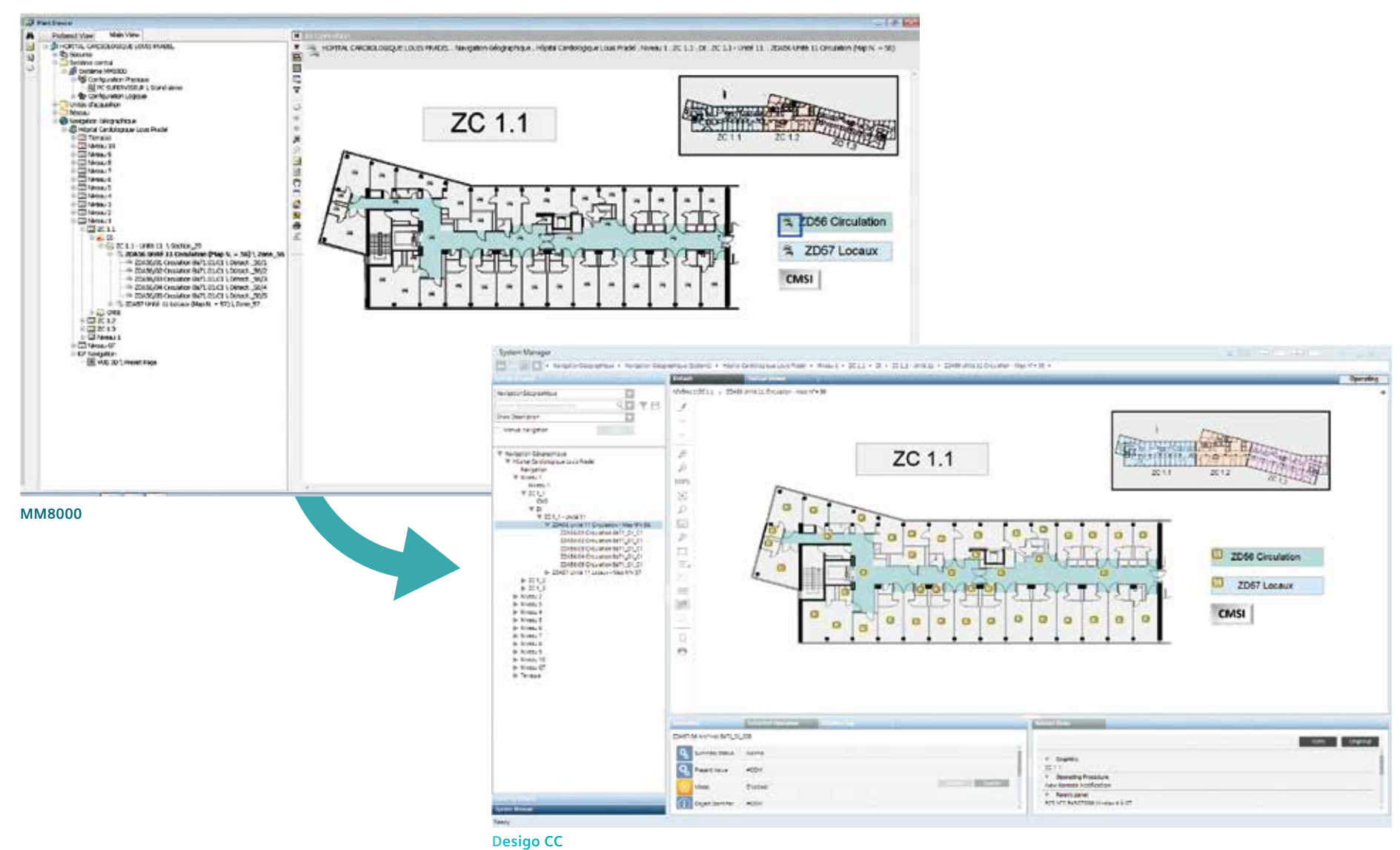
Migration tools available from:

- NCC v8.x and earlier – If migrating NCC graphics, older versions have to be first upgraded to NCC v8.0.
- MM8000 MP4.50 onward – Older versions have to be first upgraded to MM8000 MP4.50 or newer in order to be modernized to Desigo CC v3.0.
- Apogee Insight Life Safety 3.14 and later – Older versions have to be first upgraded to be modernized to Desigo CC.

Enhanced operational capability with Desigo CC

- Remote notification (email, SMS, mobile app) for enhanced awareness
- Remote access for offsite diagnostics
- Monitor, command & control multiple fire networks with one system
 - Desigo Fire Safety FC2025/2050
 - Desigo Fire Safety Modular
 - FireFinder XLS
 - MXL
- Extended site monitoring with multiple XNET connections and monitoring only solutions
- Assisted treatment feature to step operators through the procedure to handle an event

Geographical trees and graphics after migration



1 Import configuration file of subsystems into Desigo CC

2 NCC & Apogee Insight Life Safety: Export graphics from NCC or Apogee Insight Life Safety

3 NCC & Apogee Insight Life Safety: Import the graphics into Desigo CC

2 MM8000: Import MM8000 Composer backup file into Desigo CC

3 MM8000: Select the geographical trees and graphics to be converted

License model to support migration

The migration program gives customers the option to move a site from an older management station to Siemens to Desigo CC at an attractive discount rate. There are two discount policies that can be applied based on the type and version of the legacy system to be migrated.

Product/service	Available for	MM8000 v4.80 and higher	MM8000 project with umbrella contract	Apogee Insight 3.13 or newer
Privileged Software Migration (PSM)	NCC v8.0 and higher	MM8000 v4.80 and higher	MM8000 project with umbrella contract	Apogee Insight 3.13 or newer
Standard Software Migration (SSM)	Any older version of NCC	Any older version of NCC	LMS modular (all versions)	Any older version of Apogee Insight

Please note that software migration programs are managed using specific part numbers. Refer to the latest Sales Policy and Sales Release available on InfoLink to obtain the part numbers.