Based on leading technology from Siemens, Cerberus™ DMS is a customizable danger management station that makes building protection smarter, more efficient and flexible.

It gives you the power to respond to life safety as well as security events quickly and reliably. Integrated and harmonized workflows guarantee a quick and focused overview during events and fail-proof operation of the connected fire safety and security systems. Based on leading technology from Siemens, Cerberus DMS addresses your installation system needs and also accommodates future expansions by integrating systems like fire safety, access control, intrusion detection and video surveillance.

Your benefits with Cerberus DMS v3.0

- Easy to use and operate
  - Use user interface for all operators to own, control and command the site with the support of graphics
  - Built-in graphics engine, vector graphics support, import of AutoCAD graphics
  - Report and log viewer: get historical data on alarms, status data and operating actions
  - Remote notification: send notifications to specific recipients in e-mail, pager or text message
  - User interface language can be defined for each individual user

- Open platform for smooth integration
  - Can integrate with other systems or applications
  - OPC DA, SNMP, BACnet, Web Services and Modbus

- Flexible licensing concept
  - Provides adaptable licensing packages from small to large to large with multiple disciplines

- From single to multiple clients
  - Diverse deployments are supported, ranging from small (server and client on one machine) to large (server and clients running on separate machines)

- Scalable & flexible thanks to modularity
  - Enables systems across any platform and anytime to monitor and command the site with the support of graphics

- Integration of multiple disciplines
  - Fire safety and security: fire detection, access control, intrusion detection and video surveillance
  - Customizable library: look of symbols, icons, object texts can be customized

- Online engineering
  - Configuration can be modified without downtime

- Scanning and scripting libraries
  - A script editor can create sophisticated and powerful script programs based on JavaScript; scripts can be executed on demand or automatically by the system based on triggers

- Easy to install and operate
  - Can quickly and reliably install and operate

- Fast and effective treatment
  - Fast treatment: operators can quickly select an event from the event list to get more information
  - Investigative treatment: investigation activity can be started quickly from the event list to get more information
  - Event list shows detailed information about events (like time and recorded video streams, recent history, etc.) related to the event's source
  - Assisted treatment: allows users to follow a list of procedural steps (mandatory or optional) that need to be performed and check off while sending treatment commands at the same time

- Centralized monitoring and operation
  - Monitor and operate all integrated systems from one central location
  - Store data in different storages depending on the rate of change, storage and volumes, storages are accessible online for a configurable period of time

- Enhanced life safety and business continuity
  - Optimized operational costs and productivity

- Smooth modernization
  - Scalable and flexible thanks to modularity
  - Supports easy modernization of MM8000 projects to Cerberus DMS v3.0, providing for conversion of MM8000 geographical maps and MM8000 graphics

- Low life cycle costs because the system can grow with changes in the building
Apply standard licensing model and add data points needed

Fire operation station
• 2 x Cerberus DMS standard feature set
• 1 x 100 fire data points

Cerberus DMS v8.0 supports distribution over multiple servers. Servers are connected to each other so that a user can seamlessly navigate the system independently of the server he is connected to.

Three types of distributed deployment are supported:
• Multi-segmented, freely linked or hierarchical
• Support of very large systems
• Systems can be easily separated by location or discipline
• Higher robustness: failure of one server does not affect other system servers

Distributed system configurations

Web clients and mobile application

Access system from anywhere and at any time to monitor and command events and objects present in the system

• Client-server architecture supports desktop, Web-based access, and access with the same user interface and functional features, including engineering capabilities.
• Cerberus DMS mobile app for smartphone and tablets to let you remotely view and control fire and security systems in your hands.
• Fast and easy navigation through the system
• In-depth feature view of current events
• Real-time visualization of system status
• Integrated system architecture with seamless system backup and restore
• Online help

Cerberus DMS modernization for MM8000

Smooth modernization with MM8000 conversion tool

The modernization of MM8000 projects to MM8000 DMS is simple. MM8000 DMS v.0 provides a conversion tool with which it is possible to import MM8000 composer projects. Simply select which geographical trees and graphics are to be converted into Cerberus DMS format. Modernization is supported from MM8000 MPA v.3.5 and newer on. It is recommended to modernize Cerberus DMS v.0.

Geographical trees and graphics after modernization

Cerberus DMS license table for project offerings:

<table>
<thead>
<tr>
<th>Feature set / options</th>
<th>Part number (SN)</th>
<th>Cerberus DMS - compact</th>
<th>Cerberus DMS - complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact feature set</td>
<td>PS5582-Y110-A100</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Standard feature set</td>
<td>PS5582-Y114-A100</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Summary bar and event list for a clear overview of all events</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Journaling to print out system activities and events</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Assisted treatment providing predefined procedures for event handling</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Remote notification to dispatch information via e-mail, text message or pager</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Long-term storage</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Graphic viewer to visualize and control the system status and events</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Report viewer and editor to access historical database</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Scheduling and time-based reactions and macros to program automatic actions</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Mobile app (via Web Services) to view and handle events and system objects</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Drivers (MODbus, OPC DA, Modbus, SNMP)</td>
<td>-</td>
<td>included</td>
<td>included</td>
</tr>
<tr>
<td>Web Services</td>
<td>-</td>
<td>included (max. 5 sessions)</td>
<td>included</td>
</tr>
<tr>
<td>Log viewer to provision a sophisticated querying system to access historical database</td>
<td>-</td>
<td>-</td>
<td>included</td>
</tr>
<tr>
<td>Distributed system to support distribution over multiple servers</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Logs (event/transformation-based reactions, scripts) to customize the behavior of the system</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>OPC-DA server</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Graphic editor to modify the graphics of the system</td>
<td>PS5582-Y127-A100</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Cerberus DMS features required

• Fast and accurate response in the event of a fire alarm, with high safety standards
• Fast and reliable operation of fire detectors, safe performance of fire detectors
• Immediate and clear notification of an event via various channels
• Avoid escalation of false alarms
• Initialize verification actions very quickly
• Verification actions assure the validity of fire and security alarms
• Campus policy-compliant event management
• Report all events: Incidents and maintenance activities
• Detailed reports can be generated
• Campus policy-compliance

University campus

Understanding customer needs

• Ensure adherence to fire code and local laws
• Follow and execute in the event of a fire alarm, with graphical interface and guidance through predefined steps
• Efficient maintenance planning and management

Visualize and model the building

Identify how Cerberus DMS can fulfill specific customer needs

• Initial verification actions very quickly
• Avoid escalation of false alarms
• Immediate and clear notification of an event via various channels (display, voice, e-mail, mobile notification)
• Simulate fire detection, activate detector test mode
• Fire supervision at the reception desk as well as in the mobile app

Determine the hardware and software characteristics

Install systems

• 2+ Cerberus PRO fire control panels
• 400 data points (automatic detection, MCPs, I/Os)
• 80 Access Control Doors and 100 I/Os
• Fire supervision at the security desk during working hours only
• 10 Gb Ethernet systems – 50 detectors
• Intrusion temperature supervision system via 50 DSC tags
• 3 installed clients – 1 client dedicated for video operation with 8 video monitors
• 2 Web clients – enable system access anytime and anywhere

Cerberus DMS features needed

• Advanced treatment
• Real-time graphics
• Live view
• System backup and restore
• Remote notification
• Online help
• Reaction processor

Cerberus DMS features included

• Fast and accurate response in the event of a fire alarm, with high safety standards
• Fast and reliable operation of fire detectors, safe performance of fire detectors
• Immediate and clear notification of an event via various channels
• Avoid escalation of false alarms
• Initialize verification actions very quickly
• Verification actions assure the validity of fire and security alarms
• Campus policy-compliant event management
• Report all events: Incidents and maintenance activities
• Detailed reports can be generated
• Campus policy-compliance

Understand customer needs

• Manage multiple systems (fire safety, access control, intrusion detection and video surveillance) in a uniform way across geographically extended area
• Fast and correct guidance of the intervention forces
• Handle emergency situations confidently, without panic
• Report all events: Incidents and maintenance activities

Understand how Cerberus DMS can fulfill specific customer needs

• Identify how Cerberus DMS can fulfill specific customer needs
• Immediate and clear notification of an event
• Verification actions assure the validity of fire and security alarms
• Campus policy-compliant event management
• Automatic actions to reduce response time
• Integrated and harmonized workflow of multiple disciplines
• Homogeneous event management
• All actions are automatically logged

Project estimation

• Cerberus DMS mobile app for smartphone and tablets to let you remotely view and control fire and security systems in your hands.
• Fast and easy navigation through the system
• In-depth feature view of current events
• Real-time visualization of system status
• Integrated system architecture with seamless system backup and restore
• Online help

Upgrade and modernization support

Software Upgrade Program

The Modernization Program gives customers the option to move a site from an older management station from Siemens to Cerberus DMS v.0 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.

<table>
<thead>
<tr>
<th>Product/feature</th>
<th>Available for</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Software Upgrade Program</td>
<td>• MM8000 v.4.0 and higher</td>
</tr>
<tr>
<td>MM8000 upgrade license</td>
<td>• MM8000 projects with umbrella contract</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Software Migration (SM)</th>
<th>• Any older versions of MM8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>P5582-Y158-A100</td>
<td>✓</td>
</tr>
</tbody>
</table>

Exclude use by partners for project execution – applicable only to Siemens technicians and Value Added Partners

<table>
<thead>
<tr>
<th>License model to support modernization</th>
<th>Part number (SN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product/service</td>
<td>Available for</td>
</tr>
<tr>
<td>-----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Exclusive Software Upgrade Program</td>
<td>• MM8000 v.4.0 and higher</td>
</tr>
<tr>
<td>MM8000 upgrade license</td>
<td>• MM8000 projects with umbrella contract</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Software Migration (SM)</th>
<th>• Any older versions of MM8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>P5582-Y158-A100</td>
<td>✓</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option 2 – one-shot license</th>
<th>Part number (SN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering licenses</td>
<td>P5582-Y124-A102</td>
</tr>
<tr>
<td>Durable licenses</td>
<td>P5582-Y124-A102</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option 3 – demo license</th>
<th>Part number (SN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering licenses</td>
<td>P5582-Y124-A102</td>
</tr>
<tr>
<td>Durable licenses</td>
<td>P5582-Y124-A102</td>
</tr>
</tbody>
</table>