

CENTRALIZED MANAGEMENT

Compellent's entire Storage Center is managed through a single, intuitive interface, reducing licensing and support costs, minimizing training, and eliminating long hours of administration. This interface is used for both large and small Compellent systems, reducing learning curves.

INTUITIVE USER INTERFACE

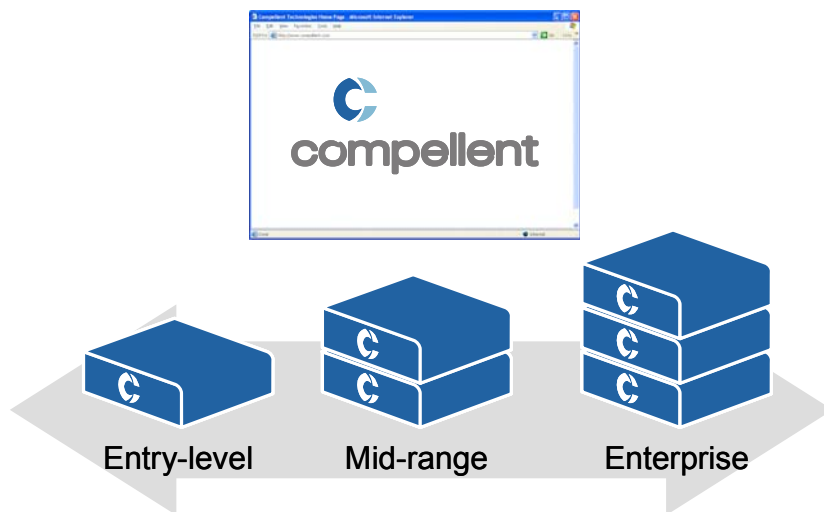
One common, intuitive interface manages the entire Compellent system. Both first time and experienced users alike will be instantly comfortable with the user interface. Complex functions are easily accomplished with wizards to guide the process. More experienced users will utilize property screens. One interface for all levels of user experience.

SYSTEM AND DEVICE MONITORING

Compellent provides a comprehensive set of system and device monitoring tools. You'll know the status of storage consumption and usage trends instantly, eliminating late night surprises. Monitoring of the physical devices is just as easy, for both large and small system alike.

Benefits

- **Rapid setup and installation** - system is fully configured and ready for production in minutes
- **Common Interface** - intuitive interface minimizes training and eliminates need for specialized skills
- **Streamlined Administration** - core administrative tasks are accomplished through unified toolset



What's In Store



STORAGE CENTER MANAGEMENT

MANAGEMENT

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Feature	Details	Benefits	Others typically
Management	Complete system administration through an intelligent, intuitive user interface	Single control point for any Storage Center reduces administrative costs	Have complex management interfaces for each type of storage solution
Remote Monitoring and Phone Home	Remotely report status and automatically trigger service responses. All software functions capable of remote operation	In conjunction with Copilot Services, create a comprehensive service environment to check and track your storage	Require on-site monitoring and cannot remotely operate software functions
Mapping/Zoning	Map any volume to any server to create an isolated zone <ul style="list-style-type: none"> LUN masking hides unassigned LUN/ID numbers 	Create secure connections between servers and volumes based on proactive mapping	Charge extra for mapping and zoning features
Security	Comprehensive security includes: <ul style="list-style-type: none"> Mapping, Zoning, and LUN Masking for secure storage domains Authenticated login with Secure Sockets Layer (SSL) Administrator-set unique user privileges 	Protect data with confidence <ul style="list-style-type: none"> Keep unauthorized servers from accessing volumes or controllers Prevent rogue access Define roles to prevent accidental or intentional problems 	Charge extra for security features
User profiles	Create unique user profiles with administrator-set privileges	Define roles to prevent accidental or intentional problems	Cannot segment user profiles and privileges
Non-disruptive code load	Upgrade system firmware online with redundant controllers	No downtime	Require a reboot or downtime for new firmware upgrades
Schedule actions / View scheduled events	Schedule any storage operation and view all scheduled operations	Automate system functions and easily track schedules	Offer limited scheduling, and cannot schedule all operations
License submission	Instantly submit new storage application licenses to enable additional capabilities	Rapidly install new applications and immediately use new functionality	Require lengthy installation and integration of new applications
Command Line Interface	Comprehensive text-based command line interface for full system control	Set and script any command with simple text commands	Restrict the set of CLI commands

DEVICE MANAGEMENT

Feature	Details	Benefits	Others typically
Device management and enclosure services	Complete physical monitoring of all system components	Retrieve instant status information on power, temperature, and other environmental conditions	Either limited device and enclosure status or high-cost software add-on
Uninterrupted Power Supply (UPS) Integration	Network monitoring of UPS allows corrective action in case of power failure <ul style="list-style-type: none"> Cache flushed, then disabled 	Minimize risk with intelligent system reactions to power failures	Cannot automatically react to power failures Only monitor the UPS via the serial port
Redundancy management	Instant status of Drives, power supplies, fans and UPS	Improved management	Limited device and enclosure status reporting

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SYSTEM MONITORING

Feature	Details	Benefits	Others typically
View storage	Instantly monitor and view total physical storage, allocated capacity, and actual use	Track storage consumption and determine optimal utilization to control costs	Cannot monitor allocated compared to actual use, or charge extra for such features
Predictive fault analysis	Automatically monitor potential drive errors in advance	Proactively shut down failure prone drives and replace with hot spares	Cannot track and compensate for drive-level I/O errors
Alerts / SNMP Traps	User-set thresholds trigger alerts via email or text page	Stay aware of your entire system status at all times	Limited ability to alert administrator of system errors
Monitor background processes	View and monitor all background processes such as drive rebuilds or volume copies	Promote or demote each process' priority. Pause, resume, or abort each process individually	Set system function priority and execution without a user-intervention option
System Log	Log all system events to track manual and automatic operations, and system alerts	Use system history to identify issues and track patterns	Limited ability to track system errors
Predictive disk usage	Continuous monitoring of storage use to estimate when available capacity is consumed	Provides proactive monitoring to eliminate surprises	Cannot predict storage consumption

USER INTERFACE AND EXPERIENCE

Feature	Details	Benefits	Others typically
Advanced browser-based interface	Operate the Storage Center from any standard browser with an intuitive Java-based interface	All storage features can be enabled remotely, allowing administrators to work anywhere	Require a client-resident storage management application
Context-based advisor modules	Built-in online help displays context-sensitive descriptions of functions and concepts	Decreased learning curve	Traditional manuals present lengthy information which is hard to grasp
Interview panes for system configuration	Step by step guidance for all features and capabilities	New and experienced administrators move quickly through each function	Rely on cumbersome and confusing menus
Programmable interface	Configure system defaults based on user category	Reduced setup time	Limited setting of system defaults
System topology	View a logical representation of servers, volumes, and disks	Quickly assess the overall system configuration	Do not offer system topology or charge extra for this feature
Launchpad	Central starting pane to launch all Compellent Storage Center functions	Easily find the complete range of storage functions	Rely on cumbersome and confusing menus
Explorer view with tree-based display	Direct access view to all Compellent Storage Center components and functions	Accomplish tasks quickly with an easy-to-follow logical display	Rely on cumbersome and confusing menus
Recycle bin	A safety-first way station for deleted items	Quickly and easily recover from unintentionally deleted items	Not available