

SOFTWARE HOUSE

A Tyco International Company

C•CURE 800/8000 v10.1 Security Management Solution



Features That Make a Difference:

- **NEW!** Seamlessly integrates with American Dynamics HDVR
- **NEW!** Easily create a report on personnel with specific clearances
- **NEW!** Wildcard search simplifies searches in various Administration sub-sections
- **NEW!** Display audit journal reports in Excel format for quick export
- Quickly access and leverage LDAP compliant data sources
- Monitor multiple locations from a single guard station
- Powerful database partitioning gives maximum security to buildings with multiple tenants
- Easily integrate with multiple video systems and other business-critical applications
- Quickly import personnel information from ODBC-based data sources for synchronization of databases
- Significantly enhance security with intrusion zones and keypad commands
- Easily create cardholder unique identifiers (CHUIDs) with extended card number support
- Assign up to five cards per cardholder, including a PIN-only credential
- Threat level support allows you to change the operation of the system based on current events
- Dynamic clearance filters ensure personnel clearance numbers match the clearance number of the protected area
- Intuitive .NET badging solution provides high performance, cost-effective identification management system
- Microsoft® Windows® login authentication provides enhanced security and password management

Ideal for Government and Enterprise Customers

Whether it's specifically complying with FIPS regulations or ensuring that safety precautions are augmented when critical security events occur, C•CURE 800/8000 meets today's most stringent security and administrative needs. In addition, C•CURE 800/8000 supports the iSTAR eX Ethernet-ready controller¹ (four- or eight-door) and the iSTAR Edge Ethernet-ready controller (two-door) to provide a solution for any government or enterprise application looking for the highest security available.

C•CURE 800/8000 also provides tighter security with the addition of a Lightweight Directory Access Protocol (LDAP) general connection. Built into the architecture of C•CURE 800/8000, a user can connect to many external data sources including industry leading Microsoft Active Directory. By importing vital personnel information from an LDAP directory into C•CURE 800/8000 within seconds, the customer is assured that the information in both systems is precisely matched and clearances are in place.

Complete Integration with Unlimited Applications

C•CURE 800/8000 is a scalable security management solution encompassing complete access control and advanced event monitoring. The system integrates with critical business applications including

CCTV and video systems from American Dynamics (Intellex and VideoEdge NVR), visitor management, ERP, HR/time and attendance, and third party devices such as fire alarms, intercoms, and burglar and other alarms.

Easy to Network

C•CURE 800/8000 client workstations and iSTAR intelligent network controllers can be placed directly on an existing network and across a wide area network (WAN). iSTAR controllers support dual network connectivity and Dynamic Host Configuration Protocol (DHCP), easing connectivity to most existing networks.

Accountability and Auditing

A comprehensive audit trail is critical for organizations that must comply with process regulations, such as pharmaceutical and healthcare facilities. C•CURE 800/8000's field-level audit trail enhances the control you have of data and system integrity by tracking changes made to all relevant security objects, including configuration and clearance data.

Unlimited Scalability

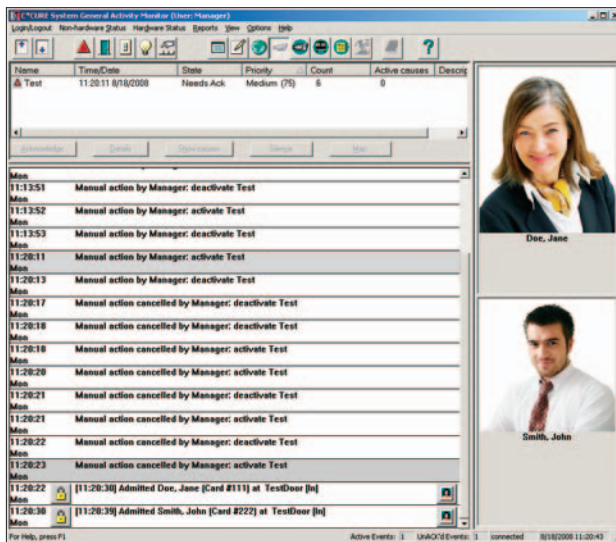
C•CURE 800/8000 is completely scalable and lets you easily add functionality and increase capacity as your security needs grow. Using Microsoft .MSI standard installer technology with C•CURE 800/8000, you can easily install, upgrade, and repair remote workstations conveniently without visiting every site.

(1) C•CURE 800/8000 supports the entire suite of Software House iSTAR and apC controllers (excluding iSTAR Edge 4-door)

Take a closer look

Advanced event and alarm monitoring station provides powerful control

The C•CURE 800/8000 monitoring station displays cardholder images based on granted/rejected access or events. For added convenience, you can name, prioritize, and sort alarms as they occur right at the C•CURE 800/8000 monitoring station. For example, name your alarm categories “1-Life Safety, 2-SCI, 3-DoD, and 4-General” in place of the default Critical, High, Medium, and Low, to customize the interface based on your security parameters. You can also easily sort alarms by priority and/or date and select from up to eight unique defined priority labels and more than 16 million colors for coding priorities.



A powerful dual acknowledgment screen lets you retain a record of events after all of the active causes behind them have been resolved. It's an extremely effective way to manage new alarms as they arise without losing track of those still under investigation.

Monitor multiple locations from a single guard station

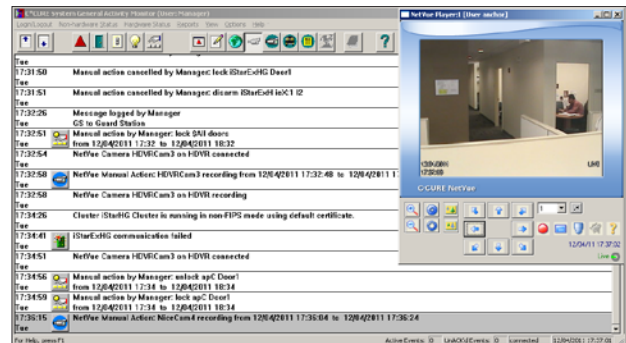
With the C•CURE 800/8000 central monitoring option, users can monitor multiple widely dispersed locations from a single monitoring station providing total enterprise security management.

Powerful database partitioning gives maximum security to buildings with multiple tenants

C•CURE 800/8000 allows groups to share a single database while, at the same time, partitioning to maintain individual groups' security. Partitioning supports multiple tenant locations at one site or it can support a single organization occupying multiple buildings. This ensures that security officials have access only to information that is pertinent to their facility.

Integration ensures total control

Using the powerful Application Programming Interface (API), C•CURE 800/8000 provides seamless integration with select video systems and recorders including those from American Dynamics (Intellex, VideoEdge NVR, and HDVR) via its NetVue application. This integration allows you to tie an event generated on C•CURE 800/8000 to live video. With enhanced alarm management, NetVue can automatically activate C•CURE 800/8000 events based on motion detection alarms received from a video system. Refer to the C•CURE NetVue datasheet on www.swhouse.com for more detailed information.



For integration with many other devices, such as fire panels and intrusion detection systems, the bi-directional serial interface can be used to receive and interpret messages sent to C•CURE 800/8000. These messages can trigger events and generate a journal entry on the monitoring station. The interface can communicate with C•CURE 800/8000 via an RS-232 serial port or remotely through TCP/IP via a qualified terminal server.

Ensure consistency of data across various business and security applications

Companies often store personnel information in multiple databases and need to keep these databases synchronized. To prevent possible inconsistencies, you can use the ODBC functionality of C•CURE 800/8000 to import personnel data, including roles or clearances, from external ODBC-compliant data sources to C•CURE 800/8000.

Additionally, you can use the API to import and export personnel data, including roles and clearances (based on personnel roles), from a particular outside data source in real time.

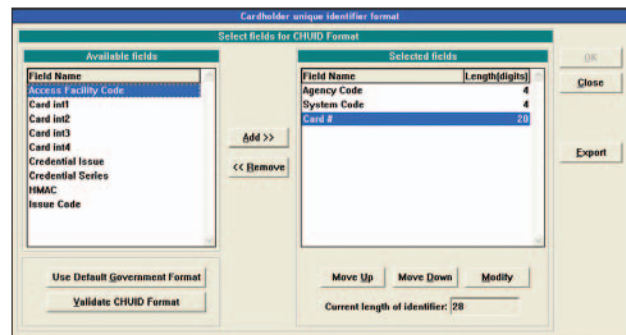
Intrusion zones and keypad commands enhance security

Grouping inputs and doors into intrusion zones allows you to easily arm and disarm alarm monitoring points (inputs). You can also lock and unlock groups of doors while displaying their current mode of status. Use keypad commands to remotely activate cameras, doors, and other events as well as trigger a duress call right from the RM reader keypad. Additionally, triggering a duress call, sounding an alarm, and more can be performed all from an RM reader keypad connected to an iSTAR controller. Keypad commands can be configured to require a card presentation and/or a PIN to validate the command.

Intrusion zones can be disabled while keeping critical inputs active 24 hours a day, 7 days a week. For example, the first floor of an office building has an intrusion zone with motion and glass-break detectors in place. It is crucial for the glass-break detectors to be active but unnecessary for the motion detectors to be active during normal business hours. You control what state those inputs need to be in; in this case, the motion detectors will be disabled. However, should there be a window break within that zone, the glass-break detector will trigger an alarm.

Easily create CHUIDs with extended card number support

C•CURE 800/8000 supports extended card numbers² which allow users in government applications to comply with certain federal guidelines (such as FIPS 201) that require a multi-field CHUID. In addition, iSTAR controllers support card numbers of up to 256 bits, eliminating the need for multiple facility codes, site codes, or offset in order to avoid card duplication. Longer card numbers offer greater protection against card duplication and are especially valuable to customers who require card numbers that exceed ten digits.



Assign up to five cards per cardholder, including a PIN-only credential

C•CURE 800/8000 lets you assign up to five cards per cardholder record instead of creating a separate record for each card. Using this powerful feature, you can assign a PIN as one of the cards, providing a flexible and secure solution and greatly simplifying the management and maintenance of personnel records.

For additional flexibility, you can use iSTAR controllers to support up to 128 card formats system-wide and ten card formats per reader. This expanded ability to use multiple card types (such as 26-bit, 37-bit, or 35-bit Corporate 1000) at a single reader frees you from having to consolidate or re-issue new cards.

(2) Only with iSTAR controller

Controlling areas and managing occupancy levels help you maintain safety regulations

Once someone is granted access to the building the real work begins to ensure that confidential areas are kept

protected, occupancy levels are maintained for safety, and the general well-being of employees and visitors is ensured. With C•CURE 800/8000, you can easily configure all of the areas in your building and across multiple buildings and identify inbound and outbound readers to enforce anti-passback. This prevents someone from passing his/her access card back to another person for unauthorized entry, using either a timed or event-driven configuration. The area lockout feature operates in much the same way, but takes it a step further by actually locking a cardholder out of an area based on a decrementing time specification.

Managing occupancy levels is another powerful tool that lets you define how many people and/or what type of person is allowed in a room. This type of control is essential for extremely classified areas, such as Secured Compartmentalized Information Facilities (SCIFs) which exist most often in the government-related marketplace. In these sensitive instances, you can configure C•CURE 800/8000 to require a supervisor to be present before allowing an employee to access the area. This type of restriction can also apply to visitors who may require an escort as they pass through restricted doors.

Threat level support allows you to change the operation of the system based on current events

C•CURE 800/8000 provides a solution for government agencies and enterprise companies that allows them to change the operation of the security system based on a threat level. For example, if the national threat level (defined as “Low”, “Guarded”, “Elevated”, “High”, and “Severe”) is raised, the administrator can react by changing the threat levels in the C•CURE 800/8000 system, which may then be configured to react in the following user-defined ways:

- Cardholders may be required to present a higher level of credential to gain access to a door.
- Operators or guards may need to validate their manual actions with an approved response.
- Events may be automatically activated.
- Current threat level color is displayed on maps and the monitoring station for consistent reminder of status.
- An escort may be required.

	MODEL 1	MODEL 5	MODEL 10	MODEL 20	MODEL 30	MODEL 40	800 Enterprise Server	8000z Plus Enterprise Server
Number of Online Readers*	32	64	128	256	512	1000	2500	*
Number of Online Inputs	128	256	512	1024	2500	5000	10000	*
Number of Online Outputs	128	256	512	1024	2500	5000	10000	*
Number of Addressable Controllers	No limit	No limit	No limit	No limit	No limit	No limit	No limit	No limit
Number of Cardholders*	10K	40K	40K	250K	250K	250K	500K	500K
Number of Assets	N/A	40K	40K	250K	250K	250K	500K	500K
Number of Simultaneous Client PCs Included with Server	2	3	4	8	16	64	128	128
Number of Client PCs Definable on Server	999	999	999	999	999	999	999	999
Sentinel Required	YES	YES	YES	YES	YES	YES	YES	YES

* C•CURE 800/8000 is designed for unlimited expansion. The often stated 3,000 reader and 32,000 input/output handling are tested limits only and do not represent expansion restrictions. System performance will vary depending upon specific hardware configuration including number of communication lines/ports, download/upload frequency, etc.

Intuitive .NET badging

Access control cards are essential for security, but can also be a nice way to communicate your company's message to employees and the public. The C•CURE 800/8000 badging solution utilizes Microsoft's .NET guidelines for the graphical user interface and offers superior control of color and graphics.



Specialized display needs for badge layouts are common and the Expression Builder can help you meet those needs. You can simply pick fields from a list that builds sophisticated expressions without ever having to understand the complexity of expressions.

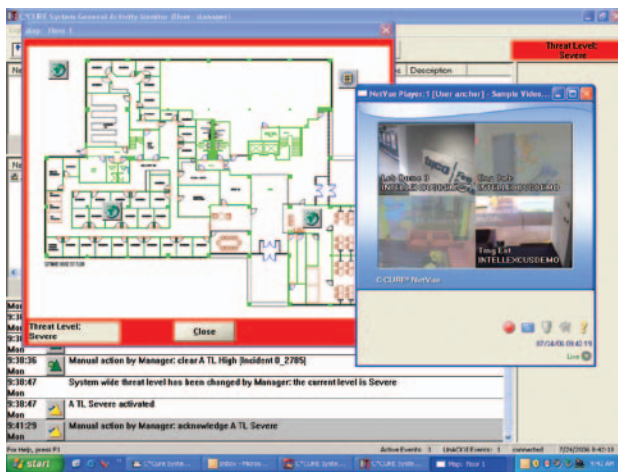
With the smart card enrollment solution, you can read and/or reprogram multiple smart card formats such as MIFARE® (1k & 4k cards), iCLASS®, and DESFire®. These cards can be programmed with a wide range of data depending on the protocol of each card type for critical security purposes and/or value add-ons such as vending, parking, etc. Refer to the C•CURE ID datasheet on www.swhouse.com for more detailed information.

Dynamic clearance filters ensure personnel credentials match the clearance number of the protected area

Assign a clearance filter number to personnel which must match the clearance filter number of the reader in a protected area. For example, an operating room may be accessible to all hospital personnel during non-surgery times. At these times, the reader that secures the room has a clearance number of "1" and each person with a clearance filter number "1" can gain access. During operations, however, the clearance filter on the reader automatically changes to a "3", which means only those personnel who have a clearance filter of "3" will be permitted access. This is done without changing the underlying clearance available to the area.

Manage access control using a graphical interface

C•CURE 800/8000's map interface allows you take any CAD drawing or Visio file, save it as .bmp, and then populate your map with icons that reflect security objects, such as doors, inputs, outputs, cameras, events, video tours, and views. You can also nest maps within maps to provide an easy interface that lets you travel graphically around your facility and manage events directly from the map.



At the monitoring station, you'll immediately see the benefits of the mapping feature when a critical event such as "Door Forced Open" occurs. This event can cause a live video window to automatically pop-up on the map, giving you the exact location and corresponding video footage. Here, the nested maps come in very handy to help you drill down to graphically navigate through the facility looking for the person who may have caused the "Door Forced Open" event. Using the dynamic icons and the powerful NetVue interface, you can even launch a video tour of the affected area to immediately investigate.

For more sophisticated management of a building layout, C•CURE 800/8000 has solid integration with a third party graphical interface called AEGIS which provides you a way to account for walls that have been knocked down, doors that may have been moved, expansion projects, and more.

C•CURE 800/8000 Server Specifications

	Minimum	Recommended
Processor Model Number 1 through 10 Model Number 20 through 40 Model Number 8000 and 8000 Plus	1.5 GHz Intel® Pentium IV or higher 1.8 GHz Intel Pentium IV or higher 2.4 GHz Intel Pentium IV or higher	Intel Core 2 Duo E8400, 3.0 GHz or higher Intel Xeon E5506 Processor, 2.13 GHz or higher ³ Intel Xeon E5620 Processor, 2.40 GHz or higher
Free Hard Disk Space Model Number 1 through 10 Model Number 20 through 8000 Plus	4.0 GB 4.0 GB	Two 160 GB Four 160 GB
Memory Model Number 1 through 10 Model Number 20 through 40 Model Number 8000 and 8000 Plus	1 GB RAM 1 GB RAM 2 GB RAM	3 GB RAM; 4 GB RAM (Windows 7 and Windows 2008 R2) 4 GB RAM; 8 GB RAM (Windows 7 64-bit and Windows 2008 R2) 4 GB RAM; 8 GB RAM (Windows 7 64-bit); 16 GB (Windows 2008 R2)
Network Adapter Card Model Numbers 1 through 8000 Plus	100 MB or higher	Gigabit NIC
Video Adapter Card Model 1 through 10 Model 20 through 8000 Plus	Integrated 64 MB available memory or equivalent Integrated 64 MB available memory or equivalent	256 ATI Radeon HD3470 graphics or equivalent Integrated MATROX G200 with 8 MB sheared video memory or equivalent
Monitor/Video Adapter Board	17" SVGA (1024 x 768) True color support for badging	17" SVGA (1024 x 768) True color support for badging
DVD Drive	2X	2X
Operating System (32-bit unless otherwise specified)	Windows Server 2008 Standard and Enterprise (SP2 or later), Windows Server 2003 Standard and Enterprise (SP2 or later), Windows XP Professional (SP3 or later), Windows Vista Business and Enterprise (SP2 or later), NEW! Windows 7 Professional and Enterprise (32- and 64-bit) NEW! Windows 2008 R2 Standard and Enterprise (64-bit)	Windows Server 2008 Standard and Enterprise (SP2 or later), Windows Server 2003 Standard and Enterprise (SP2 or later), Windows XP Professional (SP3 or later), Windows Vista Business and Enterprise (SP2 or later), NEW! Windows 7 Professional and Enterprise (32- and 64-bit) NEW! Windows 2008 R2 Standard and Enterprise (64-bit)
Mouse	PS/2 bus type, USB	PS/2 bus type, USB
Ports	1 USB dedicated to sentinel or 1 parallel dedicated to sentinel	At least one USB port (or parallel port) for sentinel, dual serial ports (if needed)
Backup	Tape or CDRW, Shared drive, network storage device, or DVD	DVD+/-RW
Modem	Dial-in Client or iSTAR: Any modem supported by Windows apC Dialup: Software House OEM Multi-Technology for apCs	56.7 Kbps
Sentinel	Supplied by Software House	Supplied by Software House
Digiboard	Eight port (Models 20/30/40)	Eight port (Models 20/30/40)

C•CURE 800/8000 Client Specifications

	Minimum	Recommended
Processor	Intel Pentium IV 2.0 GHz or higher	Intel Pentium IV 2.0 GHz or higher
Free Hard Disk Space	2 GB; 16 GB (Windows 7 32-bit); 20 GB (Windows 7 64-bit); 32 GB (Windows 2008 R2 64-bit)	20 GB; 30 GB (Windows 7 and Windows 2008 R2)
Memory Model Number 1 through 10 Model Number 20 through 40 Model Number 8000 and 8000 Plus	1 GB RAM; 2 GB RAM (Windows 7 and Windows 2008 R2 64-bit) for all models	2 GB RAM; 3 GB RAM (Windows 7 and Windows 2008 R2) 3 GB RAM 4 GB RAM
Network Adapter Card	100 MB or higher	10Base-T
CD-ROM Drive	10X	10X
Monitor/Video Adapter Board	17" SVGA (1024 x 768), 64 MB RAM	17" SVGA (1024 x 768), 64 MB RAM
Operating Systems (32-bit unless otherwise specified)	Windows Server 2003 Standard and Enterprise (SP2 or later) Windows 2008 Standard and Enterprise (SP2 or later) NEW! Windows 2008 R2 Standard and Enterprise (64-bit) Windows XP Professional (SP3 or later) Windows Vista Business and Enterprise (SP2 or later) NEW! Windows 7 Professional and Enterprise (32- and 64-bit)	Windows Server 2003 Standard and Enterprise (SP2 or later) Windows 2008 Standard and Enterprise (SP2 or later) NEW! Windows 2008 R2 Standard and Enterprise (64-bit) Windows XP Professional (SP3 or later) Windows Vista Business and Enterprise (SP2 or later) NEW! Windows 7 Professional and Enterprise (32- and 64-bit)
Mouse	PS/2 bus type, USB	PS/2 bus type, USB

(3) Intel Xeon E5506 @ 2.13 GHz or higher for Windows 7 and Windows 2008 R2

Related Products



C•CURE ID



C•CURE
NetVue



C•CURE
Central



iSTAR Edge

Approvals



www.swhouse.com

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