

C•CURE 800/8000 Security Management Solution



Features That Make a Difference:

- **NEW!** Maintenance Mode feature controls the amount of information a guard views while an iSTAR Intrusion Zone is being serviced
- **NEW!** Supports 4-door iSTAR Edge with 8-input/8-output modules and fire alarm inputs
- **NEW!** Print button has been added to the Intrusion Zone status screen to print status reports directly from the monitoring station
- **NEW!** Now displays the initial activation time/date stamp for all events
- **NEW!** iSTAR Memory Estimate provides an estimation of how much data will be downloaded to an iSTAR controller
- Integrates with American Dynamics video systems including: Intellex, VideoEdge, and HDVR
- Easily create reports on personnel with specific clearances
- Wildcard feature simplifies searches in various administration sub-sections
- Display audit journal reports in Excel for quick export
- Quickly access and leverage LDAP compliant data sources
- Microsoft® Windows® login authentication provides enhanced security and password management

C•CURE 800/8000 is a scalable security management solution used by thousands of customers across the globe including governments, transportation, healthcare, pharmaceutical, petrochemical, manufacturing and nearly every conceivable deployment. C•CURE 800/8000 provides a complete solution for personnel safety and security management. The system integrates with critical business applications including CCTV and video systems from American Dynamics (Intellex, VideoEdge and HDVR)¹, visitor management, HR/time and attendance, and third party devices such as fire alarms, intercoms and intrusion alarms.

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. C•CURE 800/8000 also supports LDAP, which allows a user to connect to many external data sources including Microsoft Active Directory. By importing vital personnel information from an LDAP directory into C•CURE 800/8000, the customer is assured that the information in both systems is precisely matched and clearances are in place.

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 WAN. iSTAR controllers support dual network connectivity and DHCP, easing connectivity to most existing networks.

Accountability and Auditing

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

Scalability

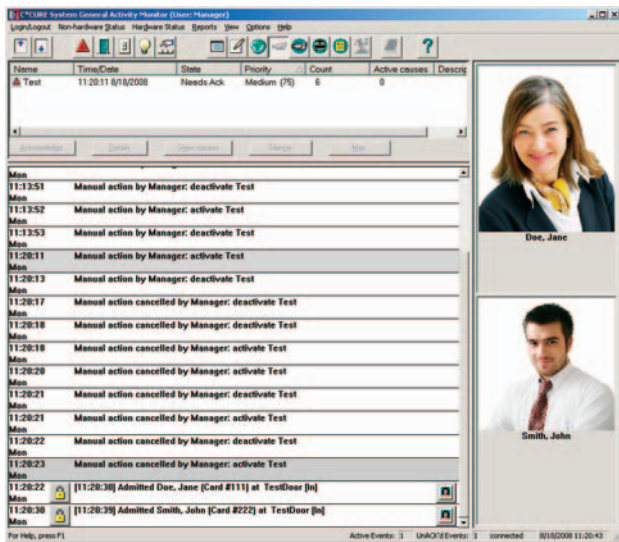
With the C•CURE 800/8000 central monitoring option, users can monitor multiple widely dispersed locations from a single monitoring station providing total enterprise security management. C•CURE 800/8000 is completely scalable and lets you easily add functionality and increase capacity as your security system needs grow.

(1) Versions supported are up to Intellex v5.0, VideoEdge v4.11 and HDVR v1.6

Take a closer look

Advanced Event and Alarm Monitoring

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.



C•CURE system general activity monitoring station

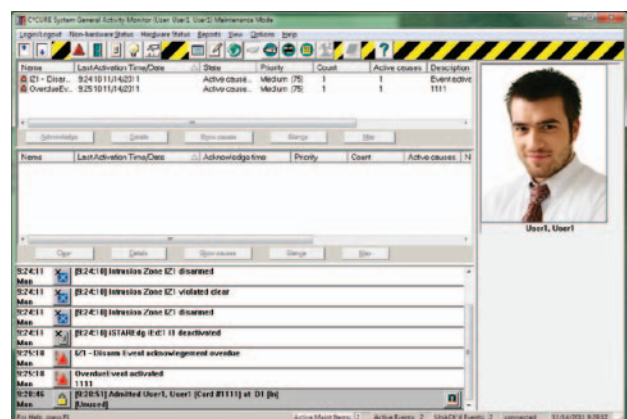
The powerful dual phase acknowledgement screen is an extremely effective tool for operators to manage events as well as to retain records of acknowledged events that are still under investigation. When those events have been fully investigated and resolved, they may be cleared from the active event monitor.

Intrusion Zones and Keypad Commands Enhance Security

Grouping inputs and doors into intrusion zones allows you to easily arm and disarm alarm monitoring points, and lock and unlock groups of doors while displaying their current status. Keypad commands may be used to remotely activate cameras, doors, and other events as well as trigger a duress call right from the RM reader keypad. 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.

Maintenance Mode is a new feature supported by C•CURE 800/8000, which controls the amount of information a guard views while an iSTAR intrusion zone is being serviced. Typically, when an intrusion zone is being serviced, alarms are triggered during testing that can inundate a guard station causing a guard to potentially miss an important alarm or event. In Maintenance Mode, a new screen appears with a cautionary tape border that clearly indicates the alarms and events that are being triggered by the service technician. These alarms and events will not be displayed in normal guard views. Certain privileges can be selected determining what an administrator or guard has access to view while the intrusion zone is in Maintenance Mode.



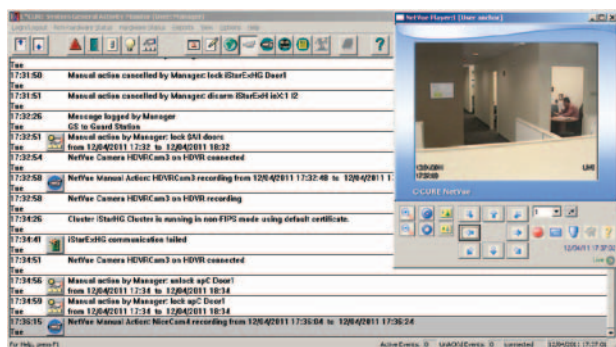
Maintenance Mode monitoring station with dual phase acknowledgment

Powerful Database Partitioning

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

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



C•CURE NetVue player in live video mode

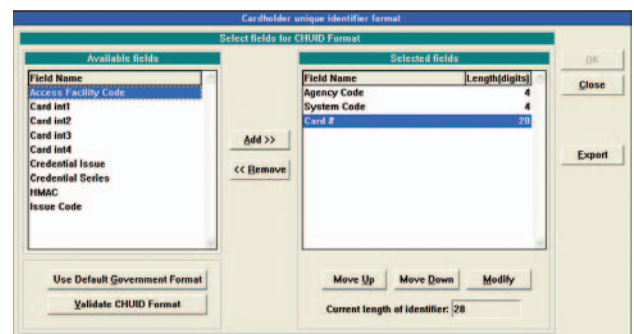
For other integrations such as fire panels and intrusion detection systems, the bi-directional serial interface can be used to receive and interpret messages sent to C•CURE 800/8000. These messages can trigger events and generate a journal entry on the monitoring station. The interface can communicate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

Data Consistency Across Various Applications

Companies often store personnel information in multiple databases and desire to keep these databases synchronized. C•CURE 800/8000 ODBC and LDAP capabilities allow the import of personnel data, including roles (LDAP) or clearances, from many external ODBC-compliant data sources. Additionally, you can use the API to import and export personnel data, including roles and clearances.

Extended Card Number Support

When combined with the iSTAR controllers, C•CURE 800/8000 supports extended card numbers. This combination allows users in government applications to comply with certain federal guidelines (such as FIPS 201) that require a multi-field Cardholder Unique Identifier (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.



CHUID format field configuration screen

Multiple Cards, Multiple Formats

C•CURE 800/8000 lets you assign up to five cards per cardholder record. 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 at a single reader, frees you from having to consolidate or re-issue new cards.

Safety and Security Tools

It is every security manager's goal to ensure that confidential areas are kept protected, occupancy levels are maintained for safety and the general well-being of employees and visitors is protected. The C•CURE 800/8000 provides the necessary tools to assist security managers in achieving these goals.

One of these tools is anti-passback which prevents someone from passing his/her access card back to another person for unauthorized entry. Another tool area lockout, is used to prevent personnel from entering restricted areas for a period of time when those personnel have accessed and been exposed to materials in other areas.

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 areas you can configure C•CURE 800/8000 to require a supervisor to be present before allowing an employee to enter. This type of restriction can also apply to visitors who may require an escort as they pass through restricted doors.

Additional safety control may be achieved with the assignment of a clearance filter to personnel which matches the clearance filter of a protected area reader. 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.

Configuration Matrix

	MODEL 1	MODEL 5	MODEL 10	MODEL 20	MODEL 30	MODEL 40	8000 Enterprise Server	8000Plus 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.

Threat Level Support

C•CURE 800/8000 allows government agencies and enterprise companies 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 request a higher level of authorization 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

Graphical Interface

C•CURE 800/8000's map interface allows you to 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.



C•CURE map with NetVue view object

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 handy to help you drill down and 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.

Intuitive Badging

Access control cards are essential for safety and security and with C•CURE 800/8000, you can turn this access card into an identification tool to display card holder and company information for security awareness. The C•CURE ID badging solution provides the intuitive tools required to design, manage and implement identification credentials. Leveraging a WYSIWYG badge designer, this solution offers superior control over color and easy manipulation of graphics. With a powerful Expression Builder, you can easily create expressions that simplify badge creation. Flexible query features allow you to query a common field and then print those cards found in one batch.



C•CURE ID badge designer screen

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.

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 ² 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), Windows 7 Professional and Enterprise (32- and 64-bit) 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), Windows 7 Professional and Enterprise (32- and 64-bit) 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	For all models 1 GB RAM ³	2 GB RAM ⁴ 3 GB RAM 4 GB RAM
Network Adapter Card	100 MB or higher	10/100/1000Base-T
DVD 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) Windows 2008 R2 Standard and Enterprise (64-bit) Windows XP Professional (SP3 or later) Windows Vista Business and Enterprise (SP2 or later) Windows 7 Professional and Enterprise (32- and 64-bit)	Same as minimum

Supported Languages⁵

English, French, German, Spanish

(2) Intel Xeon E5506 @ 2.13 GHz or higher for Windows 7 and Windows 2008 R2
(3) 2 GB RAM for Windows 7 and Windows 2008 R2 64-bit

(4) 3 GB RAM for Windows 7 and Windows 2008 R2
(5) Languages supported with English OS with language pack, not native OS.

Related Products



C•CURE ID



VideoEdge



C•CURE
Central



iSTAR Edge



Intellex

Approvals



www.swhouse.com