SOFTWARE HOUSE

A Tyco International Company

DATA SHEET

C•CURE 9000 SiteServer

Network-Based Access Control System with Web Client

Features That Make a Difference:

- Ready-to-go out-of-the box with pre-installed C•CURE 9000 software
- Cost-effective, entry-level access control solution reduces total installation costs with pre-installed OS and software
- Efficient design reduces IT management costs with less time required updating software
- Supports up to 32 readers
- Intuitive C•CURE 9000 Web Client simplifies operator training
- Includes pre-configured database of readers, doors, controllers, and other standard objects to reduce setup time
- 16 GB Solid State Drive (SSD) provides enhanced system reliability
- Four independent Ethernet LAN ports to protect against system intrusion
- Compatible with wide-range of Software House iSTAR controllers, including the powerful iSTAR Edge two-reader IP door controller, and RM readers
- Flexible mounting options – desktop, wall-mount, or 19-inch rack
- 12VDC power input allows unit to be powered directly from separate battery-backed security power supply
- Integrates with American Dynamics Intellex and VideoEdge solutions

C•CURE 9000 SiteServer is an affordable, yet powerful access control solution that is ideal for small applications such as K-12 schools, commercial offices, or healthcare facilities.

C•CURE 9000 SiteServer is a true network appliance. An embedded OS provides a web-based security and event management system that communicates with up to 32 readers. By eliminating the need for a standard PC with its associated installation and management costs, C•CURE 9000 SiteServer provides a cost-effective entry-level access control solution.

C•CURE 9000 SiteServer is pre-installed with the latest version of C•CURE 9000. There is no software to install; an IP network connection is all you need to harness the power of C•CURE 9000. Use Microsoft® Internet Explorer, Mozilla® Firefox®, or Google™ Chrome, to logon to the system from virtually any location.

Pre-installed software lets you spend less time installing and configuring applications, gathering license data, and installing service packs. C•CURE 9000 SiteServer also includes a pre-configured database which further reduces the time needed to configure and program doors, clearances, schedules, alarms, and other system objects. Add the fact that the software is intuitive and user-friendly, and operator training is greatly simplified.

A 16 GB Solid State Drive (SSD) provides enhanced system reliability because, with no moving parts, solid-state drives are less fragile than hard disks which can wear out with repetitive use. Access time and latency are low as there are no mechanical delays.

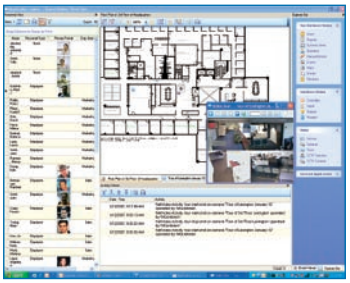
C•CURE 9000 SiteServer can be deployed in a desktop, rack-mount, or wall-mount configuration, and is compatible with a wide-range of Software House door controllers and RM readers including the iSTAR Edge two-reader IP door controller.

features

Leveraging the powerful C•CURE 9000 architecture, C•CURE 9000 SiteServer provides the same powerful security and event management features in a compact, network appliance.

Customizable Monitoring Station

C•CURE 9000 SiteServer offers pre-configured layouts or an empty palette for each administrator to customize. Drag and drop different viewers - some that represent objects like video tours and specific types of activities, live camera views, dynamic views of system activity, or configuration data, even the Windows Explorer bar to make navigation very easy. The most powerful thing about the monitoring station is that each pane is live and interactive. With appropriate permissions, you can manipulate data fields and change views, navigate around maps, launch a video tour, perform quick searches and queries—all in real time, all from one interface.



Scalable, Editable Maps

Import CAD (.dwg, .dxf) or raster files (.bmp, .jpg, etc.) and populate complex floor plans with your security objects. All original CAD layers are immediately visible or can be hidden for easy viewing. Create new layers and drag and drop security objects such as cameras, tours, inputs/outputs, and more directly to your drawing with scalable icons. One-click magnification and tracking views provide the ability to manage and navigate around your floor plans. For expansion projects, easily update or replace your CAD drawings without having to add security icons again.

Highly Secure Database Partitioning

Independent companies can share a single database while, at the same time, partitioning that database to maintain the security and privacy of their individual organization. Users can specify to which multiple partitions they share privileges - doors, clearances, etc. The partitioning of information includes everything from personnel to video and hardware configuration.

Control Areas with Anti-Passback

With anti-passback, you can enhance security by preventing an authorized user from presenting a credential to access an area, and then passing it back to an unauthorized user, who then uses the same credential to access the building. The more secure, hard anti-passback requires both an entry and exit reader to enable the system to determine whether a card is in or out of an anti-passback-protected area while timed anti-passback allows an authorized user to be bound by anti-passback restrictions only for a specific amount of time. You can even configure the system to activate events such as sounding an alarm for anti-passback entry and exit violations.

Intrusion Zones and Keypad Commands

Grouping inputs and doors into intrusion zones allows you to easily arm and disarm alarm monitoring points (inputs) in a defined area. An entire facility or a portion thereof may comprise an intrusion zone. Grouping inputs and doors into intrusion zones allows easy collective arming and disarming of inputs, as well as locking and unlocking groups of doors while displaying their current mode and status. Leveraging the intrusion zone feature, keypad commands allow a user to remotely activate cameras, doors, and other events as well as trigger a duress call right from a reader keypad. Additionally, triggering a duress call, sounding an alarm, and more can be performed all from a reader keypad connected to an iSTAR controller. Keypad commands can be configured to require card presentation and/or a PIN to validate the command.

Exceptionally Reliable Security

C•CURE 9000 provides FIPS 197-approved encrypted communication between both the C•CURE 9000 SiteServer appliance and clients, and between iSTAR Edge and iSTAR eX controllers, while Microsoft® Windows single sign-on, field-level audit, and authentication of historical log content feature a digital signature on each event. This allows administrators to detect additions, modifications, or deletions of data which is critical in order to maintain compliance with regulations, such as Sarbanes-Oxley, HIPAA, and 21-CFR Part 11.

C•CURE 9000 SiteServer supports extended card numbers which allow users in government applications to comply with certain federal guidelines that require a multi-field CHUID. Additionally, C•CURE 9000 SiteServer can be used in a TWIC environment.

Easily Create Sophisticated Badges

Leveraging a “What You See is What You Get” (WYSIWYG) badge designer within C•CURE ID, 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. Uncomplicated query features allow you to query a common field and then print those cards found by the query in one batch.

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 data sheet on www.swhouse.com for more detailed information.

Remote Web Capabilities

Remote connection to C•CURE 9000 SiteServer is effortless using C•CURE 9000 Web Client. Using an Internet browser, you can manage personnel records, display dynamic views of doors, readers, inputs/outputs, and controllers, and monitor system activity from within a facility or anywhere in the world. You can perform a wide-range of tasks such as creating/modifying cardholders and monitoring alarms/events while away from your workstation. It's a simple and secure way to deploy, monitor, and control the C•CURE 9000 system from any location.

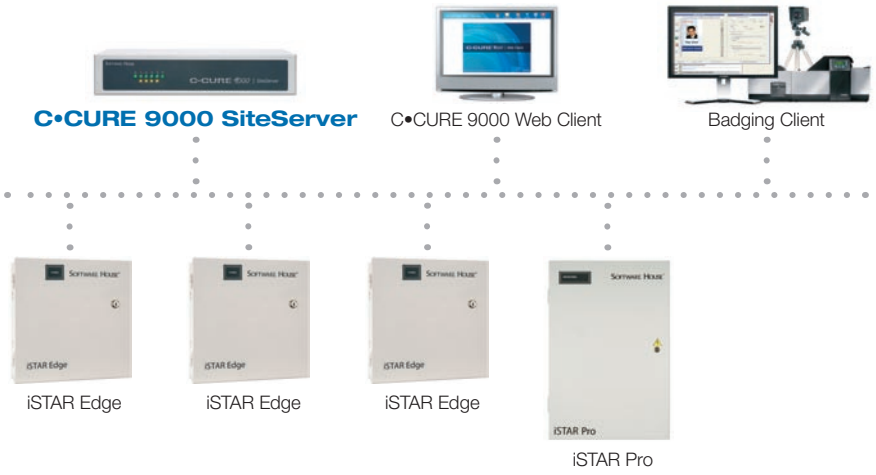
Private Subnets Protect Against System Intrusion

C•CURE 9000 SiteServer is equipped with four independent Ethernet LAN ports for separate subnets. Only one LAN port is required to be connected to the corporate network, while your door controllers can be connected to the remaining ports, making those ports invisible to the main network and thus out of sight of potential hackers. Additionally, since only one LAN port is connected to the main network, only one IP address is necessary for the whole system, making C•CURE 9000 SiteServer a more cost-effective solution.

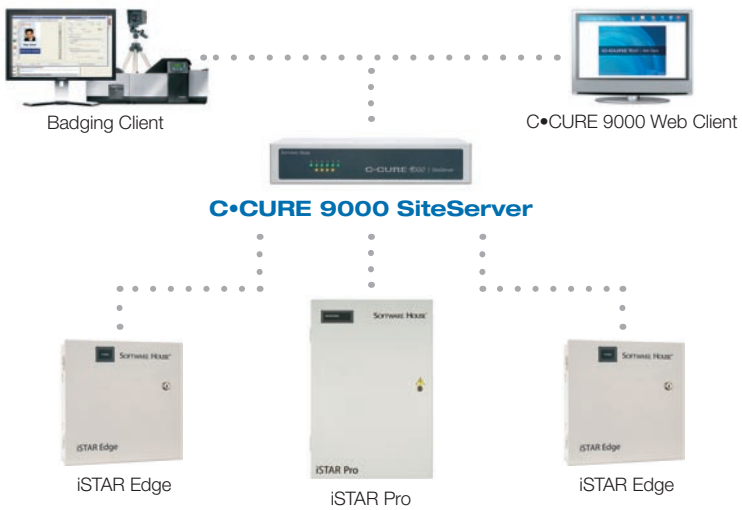
C•CURE 9000 SiteServer rear view showing network connections

System Diagrams

Traditional Network Architecture



Network Architecture using Private Subnets



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SPECIFICATIONS

C•CURE SiteServer[1]

Physical

Dimensions (H x W x D)	44 x 220 x 151 mm (1.73 x 8.66 x 5.94 in)
Weight	2.5 kg (5.5 lbs)
Chassis Material	Steel
Form Factor	1U, desktop
Mounting Options	Desktop; 19-inch rack-mount brackets and wall-mount brackets available
LED Indicators	Power, SDD, Ethernet link/act with transfer rate

Operational

CPU	Intel® Pentium® M processor, 1.7 GHz
Chipset	Intel 915 GME and Intel ICH6M
Memory	2 GB SODIMM DDR2 400/533
Non-volatile Storage	1 x 2.5 inch SATA, 16 GB MLC Solid State Drive (SSD)
Communications	Four 10/100/1GB Ethernet ports, each port tied to an independent MAC/NIC
Encryption	AES 256, FIPS 197 listed
Input/Output	VGA DE15/HD15 connector, 2 x USB connector, 4 x RJ-45 Ethernet connector, 1 x 12VDC-in power; all connectors are located in the rear of the unit.
USB	Two (rear panel)
MTBF	100,000 hours
Operating System	Windows XP Embedded
Database	Microsoft SQL Express
Languages Supported	Arabic, Chinese, Dutch, French, German, Polish, and Spanish
Controllers Supported	iSTAR Edge, iSTAR eX, iSTAR Pro

Environmental

Operating Temperature[2]	0° to 50°C (32° to 122°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)
Humidity	10 – 95% RH, noncondensing

Electrical

Power to Unit	12V (range 10.5 to 14 VDC), 28-30 W typical consumption
Power Adaptor (included)	100-240 VAC, 50/60 Hz, 2A

Regulatory

Agency Certifications	FIPS 197, UL-60950, EN-60950, IEC60950, EN-55022, EN-55024, C-Tick, CE, FCC Part 15 Class A/B
Environmental	RoHS, WEEE

C•CURE 9000 SiteServer System Capacities

SiteServer Model	SITESVR-8	SITESVR-16	SITESVR-32
# of Online Readers	8	16	32
# of Online Inputs	64	64	128
# of Online Outputs	64	64	128
# of Credentials	7,000	7,000	12,000
# of Simultaneous Clients	4	4	4
# of Standard Badging Clients	1	1	1
# of Simultaneous Web Clients	3	3	5
Intellex video integration	included	included	included
VideoEdge integration	included	included	included

C•CURE 9000 Web Client Minimum System Requirements

Browsers	Microsoft Internet Explorer 6, 7, and 8; Mozilla Firefox v3.0.5 and higher; Google Chrome v2.0.172.31 and higher
Client Operating Systems	Windows XP SP2, Windows Vista
Microsoft Silverlight™	Version 2.0 and higher

Ordering Information[3]

SITESVR-8	C•CURE 9000 SiteServer, supports eight readers
SITESVR-16	C•CURE 9000 SiteServer, supports 16 readers
SITESVR-32	C•CURE 9000 SiteServer, supports 32 readers
SITESVR-BR	C•CURE 9000 SiteServer mounting brackets, 19-inch rack-mount
SITESVR-BW	C•CURE 9000 SiteServer mounting brackets, wall-mount

Rack-Mount

Wall-Mount

(1) C•CURE 9000 SiteServer can be used as a client, using local display/keyboard/mouse connected to the VGA port and USB ports. For external C•CURE 9000 client workstations, refer to the C•CURE 9000 Installation Guide for minimum hardware and software specifications.
(2) Power adapter operating temperature is 0° to 40°C (32° to 104°F) for UL listing.
(3) Software options such as LDAP and SDK integrations are not available.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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