Data Sheet

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C·CURE 9000 SiteServer
Enterprise-ready access control appliance

Key features

· Ready to go with pre-installed C·CURE 9000 software and intuitive wizard for easy configuration

· Includes pre-configured database of readers, doors, controllers, and other standard objects to reduce setup time

· Can operate as a satellite application server (SAS) in an enterprise environment

· 256GB solid state drive (SSD) provides enhanced system reliability

· Intuitive C·CURE 9000 Web Client simplifies operator training

· Health dashboard to monitor network bandwidth, memory, and other important system functionality

· Integrates with American Dynamics and Exacq video solutions

Software House C·CURE 9000 SiteServer is an affordable and powerful access control solution with a pre-installed OS providing web-based security and event management. The solution is ideal for smaller sites with up to 64 readers and as a satellite application server in an enterprise environment.

C·CURE 9000 SiteServer is pre-installed with everything you need including the latest version of C·CURE 9000 and a pre-configured database. Simply connect it to the network and turn it on. Use Microsoft® Internet Explorer, Mozilla® Firefox®, or Google™ Chrome to logon to the system from virtually any location.

C·CURE 9000 SiteServer is ideal for schools, commercial offices, healthcare facilities, and smaller sites that are part of a larger enterprise environment and do not want to spend time configuring doors, clearances, schedules, alarms, and other system objects. Pre-installed software lets you spend less time installing and configuring applications, gathering license data and installing service packs. The software is user-friendly with an intuitive setup wizard and health dashboard which greatly simplifies operator training.

A 256GB SSD has no moving parts, which makes it less fragile than hard disks which can wear out with repetitive use. Access time and latency are low as there are no mechanical delays.

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C•CURE 9000 SiteServer is compatible with a variety of Software House door controllers and readers providing a complete access control solution. Additionally, it can be deployed in a desktop, rack-mount or wall-mount configuration.

Customizable monitoring station

C•CURE 9000 SiteServer offers pre-configured layouts or an empty palette for each administrator to customize. Drag and drop different views – 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 aspect of the monitoring station is that each pane is live and interactive. Users with appropriate permissions can manipulate data fields, change views, navigate around maps, launch video tours and perform quick searches and queries – all from the same interface in real time.

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. They can configure the system to indicate which partitions they share privileges. For example, doors, and clearances. The partitioning of information includes everything from personnel to video and hardware configuration.

Area control with anti-passback

With anti-passback, you can enhance security by preventing cardholders from passing their credentials back to others to gain access to secured areas. You can further configure the system with time restrictions and 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 arm/disarm alarm inputs as well as lock/unlock groups of doors in a defined area. An entire facility or a portion thereof may comprise an intrusion zone. Keypad commands leverage the intrusion zone feature and give you the ability to remotely activate cameras, doors, and other events as well as trigger a duress call right from a reader keypad. Keypad commands may 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 iSTAR Ultra, iSTAR Ultra SE, iSTAR Ultra LT, and iSTAR Ultra Video controllers. User privileges are managed through Microsoft Windows single sign-on, and field-level historical audit and journaling allows administrators to detect additions, modifications or deletions of data, which is critical to maintain compliance with regulations such as Sarbanes-Oxley, HIPAA and 21-CFR Part 11.

Additionally, C•CURE 9000 supports the U.S. Federal Government's HSPD-12 program, and is listed on the GSA's Physical Access Control System (PACS) APL for PACS Infrastructure. C•CURE 9000 SiteServer supports the full range of HSPD-12 credentials including PIV, TWIC, CAC, and PIV-I credentials through the use of extended card formats, and can provide a high-assurance FICAM solution when paired with the Innometriks ID Server and the Cheetah line of contact/contactless card readers.

Intuitive badging

Leveraging a "What You See is What You Get" (WYSIWYG) badge designer within C•CURE ID offers superior control over color and easy manipulation of graphics. You can use a powerful Expression Builder to easily create expressions that simplify badge creation. Uncomplicated query features allow you to query a field and then print those cards found in one batch.

With the smart card enrollment solution, you can read and/or reprogram multiple smart card formats such as MIFARE® (1K and 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.

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Remote web capabilities

Remote connection to C·CURE 9000 SiteServer is effortless using C·CURE Web. Using an Internet browser, you can manage personnel records, display dynamic views of doors, readers, inputs/outputs and controllers, and monitor system activity anywhere in the world directly from your PC. C·CURE Web allows you to easily perform tasks such as editing personnel records, running activity reports and viewing system transactions. It is a simple and secure way to deploy, monitor, and control the C·CURE 9000 system from any location.

Robust enterprise solution

C·CURE 9000 SiteServer can be used as a satellite application server (SAS) communicating directly with a master application server (MAS) as part of a robust enterprise solution. Corporate security personnel can be authorized for central control over the entire system using the MAS, while each local facility maintains control of its individual operation using a SAS.
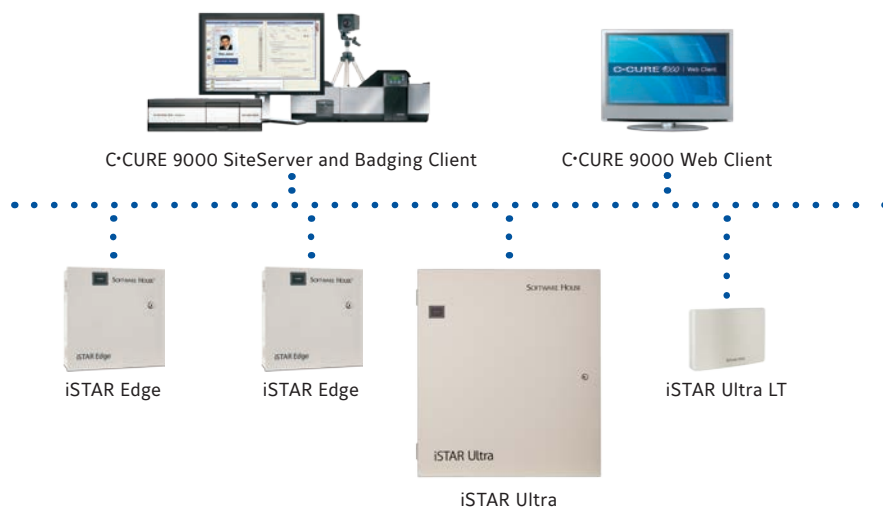
Each SAS communicates directly with the MAS for global personnel record updates, alarms, and central journaling and reporting, but is not dependent on the MAS for real-time access control operation. Each satellite system administrator has total control over all access control field hardware and system information related to their respective location.

All access control information from the MAS is synchronized to each SAS in real time. The MAS distributes these changes globally to each independent SAS, which ensures all servers are equipped and operating with up-to-date information. Synchronization of all complete databases gives security personnel the power they need to compile global personnel and configuration reports quickly and efficiently.
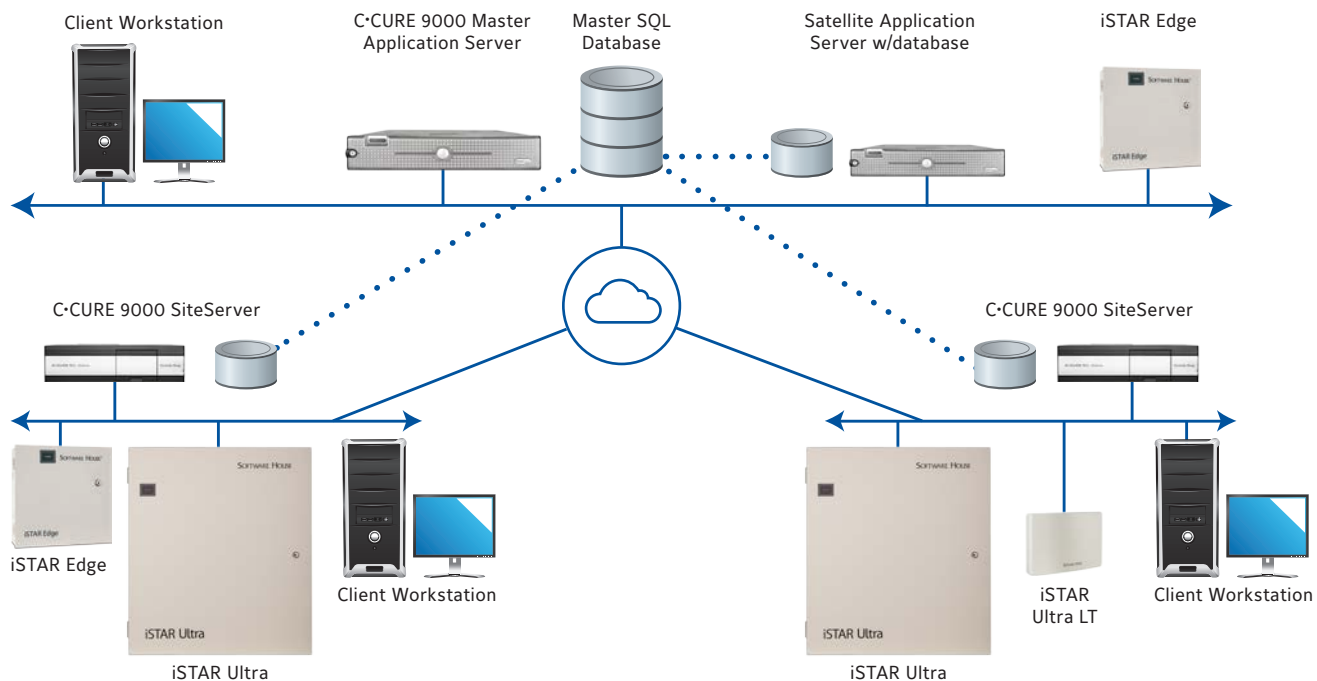
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System diagrams

Network architecture

C·CURE 9000 SiteServer and Badging Client   C·CURE 9000 Web Client

iSTAR Edge   iSTAR Edge   iSTAR Ultra LT

iSTAR Ultra

Enterprise architecture

Client Workstation   C·CURE 9000 Master Application Server   Master SQL Database   Satellite Application Server w/database   iSTAR Edge

C·CURE 9000 SiteServer   C·CURE 9000 SiteServer

iSTAR Edge   iSTAR Ultra   Client Workstation   iSTAR Ultra   iSTAR Ultra LT   Client Workstation

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C·CURE SiteServer[1]

Physical	
Dimensions (H x W x D)	4.4 x 30.0 x 21.0 cm (1.75 x 11.8 x 8.25 in)
Weight	2.2 kg (4.5 lbs)
Chassis material	Steel
Form factor	Desktop
Mounting options	19-inch rack mount and wall mount (wall-mount brackets included)
LED indicators	Power, SDD, Ethernet link/act with transfer rate

Operational	
CPU	Intel® Core™ i5 6th generation
Chipset	Intel Q170
Memory	16GB DDR4-2133MHz
Non-volatile storage	250GB mSATA
Network	2 x Intel GbE LAN Onboard
Encryption	AES 256, FIPS 197 listed
Display interface	1 DVI; 2 DisplayPort V1.2
USB	4 (2.0 High-Speed mode) 4 (3.0 SuperSpeed mode)
Operating system	Windows 10 Enterprise Embedded 64-bit
Database	Microsoft SQL Express
Languages supported	Brazilian Portuguese, English, French, German, Italian, Simplified Chinese, Spanish
Controllers supported	iSTAR Ultra, iSTAR Ultra SE, iSTAR Ultra LT, iSTAR Ultra Video, iSTAR Edge, iSTAR Edge G2 (C·CURE 9000 v2.80 SP2 or above), iSTAR eX, iSTAR Pro, apC/8X, apC/L

Environmental	
Operating temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10 – 95% RH, non-condensing

Electrical	
Power to unit	120/240 VAC
Power rating	300W
Maximum BTU	700

Regulatory	
Security (C·CURE 9000 software only)	UL-1076 UL-294 UL-2610 CAN/ULC 60839-11-1 IEC 60839-11-1 EN 60839-11-1
Emissions	FCC Part 15, Class A CE: EN55022, CE: EN 55032 ICES- 003/NMB-003, Class A
Immunity	EN 50130-4 EN 55024 EN61000-3-2 EN61000-3-3
Safety (Hardware only)	EN 60950-1
Environmental	EN 50581 (RoHS)

[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.

C·CURE 9000 Web Client

Minimum system requirements	
Browsers	Microsoft Internet Explorer 7, 8, 9 (32- and 64-bit) and 11, Mozilla® Firefox® (32- and 64-bit), Google™ Chrome (32- and 64-bit), Apple Safari (64-bit)
Client operating systems	Windows 10 (32- and 64-bit)

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Ordering information

Model number	Description
SSVR3-08	C·CURE 9000 SiteServer, supports 8 readers
SSVR3-16	C·CURE 9000 SiteServer, supports 16 readers
SSVR3-32	C·CURE 9000 SiteServer, supports 32 readers
SSVR3-64	C·CURE 9000 SiteServer, supports 64 readers
SSVR3-BR	C·CURE 9000 SiteServer mounting brackets, 19-inch rack mount (set of two)
SSVR3-USB28	C·CURE 9000 SiteServer USB Recovery Drive v2.80
SSVR3-8-16UP	C·CURE 9000 SiteServer Software Upgrade, 8 readers to 16 readers
SSVR3-8-32UP	C·CURE 9000 SiteServer Software Upgrade, 16 readers to 32 readers
SSVR3-8-64UP	C·CURE 9000 SiteServer Software Upgrade, 32 readers to 64 readers

C·CURE 9000 SiteServer system capacities[2]

SiteServer model	SSVR2-08	SSVR2-16	SSVR2-32	SSVR2-64
# of online readers	8	16	32	64
# of Online inputs	1,000	1,000	1,000	1,000
# of Online outputs	1,000	1,000	1,000	1,000
# of credentials	7,000	7,000	12,000	20,000
# of simultaneous clients	5/10	5/10	5/10	5/10
# of standard badging clients	1/5	1/5	1/5	1/5

[2]Software options such as SDK integrations are not available.

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit www.swhouse.com or follow Software House on LinkedIn, Twitter, and Facebook.

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