SOFTWARE HOUSE

From Tyco Security Products

C•CURE Solutions

STANLEY® Wi-Q™ Wireless Locks Integration

Features That Make a Difference:

- Wireless communication secured through 128-bit AES encryption
- Supports multiple card formats including: magnetic stripe, dual validation, HID® proximity, and HID iCLASS
- All access and scheduling decisions made at the door
- Card access technology works during network and power failures
- Easily monitor door latch, door status, and request to exit status
- Triple redundant storage of transactional data at reader, gateway, and host
- Collision avoidance methods promote trouble-free wireless operation
- Built on a robust Grade 1 mechanical platform for durability
- Hardware managed remotely including monitoring, configuration, and firmware updates
- Heavy-duty locks available in mortise, cylindrical, and exit style trim

The integration between the STANLEY® Wi-Q™ wireless lock product line and C•CURE 9000 security and event management system brings together two trusted names in the security industry. The solution is fast and reliable, consuming less energy than many other wireless systems on the market. With triple redundant storage of transactional data provided at the reader, gateway, and host, Wi-Q Technology guarantees that door access is controlled even during power failures. The system's 128-bit AES security encryption and ultra-smart power consumption provides unsurpassed near-online benefits without added installation costs. With no need for additional wiring, STANLEY Wi-Q locks can be installed or retrofitted at existing facilities with little or no operational disruption.

STANLEY Wi-Q Technology

STANLEY Wi-Q technology enables bi-directional communication between wireless readers and C•CURE 9000 security and event management system. The Wi-Q technology is capable of providing wireless control for parking gates, turnstiles, electromagnetic locks, electric strikes and many other electronic devices. The wireless solution's overall design provides convenient upgradability to meet changing security requirements and scalability to go from small to large security solutions.

STANLEY Omnilock®

The STANLEY Omnilock wireless system is a smart, easy-to-install access control solution. The system's 128-bit AES encryption and efficient power management provides benefits to the user who desires online features without the high cost of online installation, maintenance, and expansion. The hardware is easy to install, and does not require additional holes to be drilled in the door. STANLEY's Omnilock supports a variety of card reader technologies and card formats including: magnetic stripe, dual validation, and HID proximity.

STANLEY Security

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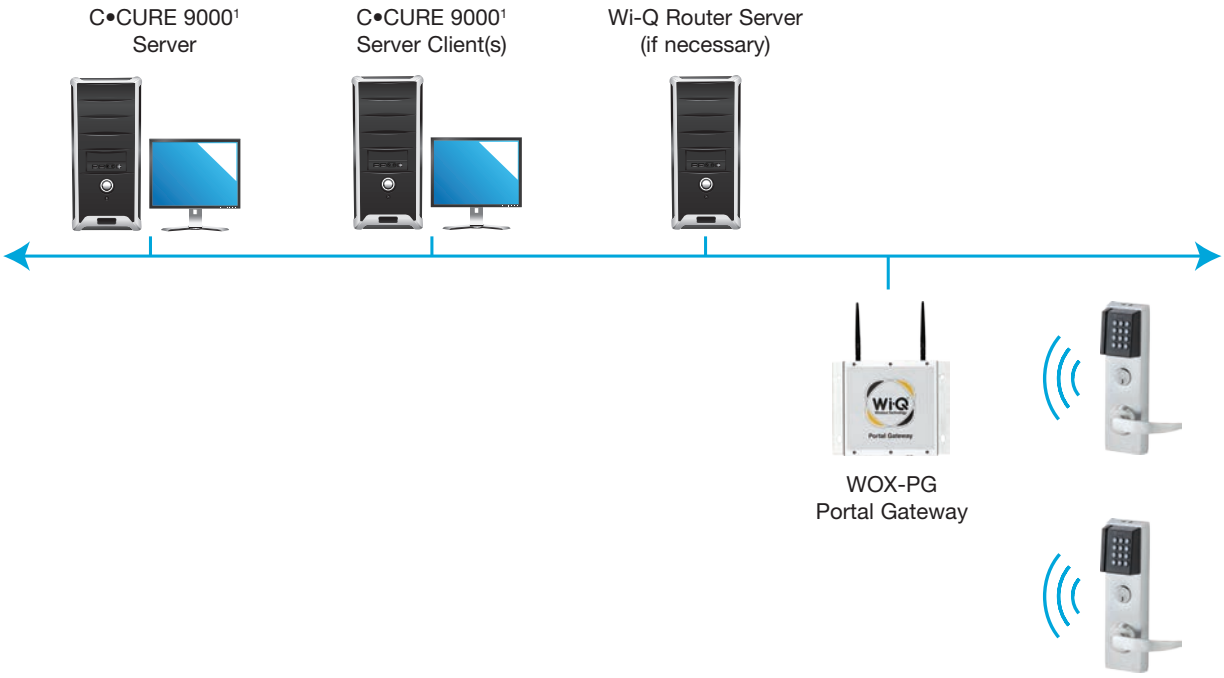
System Diagram



C•CURE 9000 STANLEY Wi-Q Wireless Locks Integration Specifications

	Wireless Locks
Wi-Fi	802.15.4 Protocol in the 2.4 GHz frequency
Encryption	Wireless - AES 128-bit Network - SSL
Credentials Per Reader	14,000
Transaction History	26,000 transactions
Power Supply	4 AA batteries (default) 8 AA battery option available
Keypad ID Codes	4 to 9 digits
Card Technologies	Magnetic stripe (Track 1, 2, 3) HID Proximity (125 KHz) Indala Proximity (125 KHz) HID iCLASS (13.56 MHz, STANLEY Wi-Q Only) Magnetic stripe and keypad (Track 1, 2,3) HID Proximity and keypad (125 KHz, OMNILOCK Only)
Compliance	UL, FCC and BHMA
Lock Types	Cylindrical Mortise Exit device Wireless access controller
Battery Life[2]	14 months, access per door 80/day and 1 minute beacon

(1) For the latest C•CURE specifications and requirements, please refer to the C•CURE 9000 data sheet on www.swhouse.com.
(2) Estimated and actual battery life are dependant on usage and update beacon interval

Related Products


C•CURE 9000


iSTAR Controllers


Readers

Approvals

GSA FIPS 201 APPROVED

SECURITY UL LISTED

FC

www.swhouse.com