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EntraPass Integration with StoneLock® GO
Biometric Security and User Verification

StoneLock® GO is a next generation biometric reader redefining security and authentication. This opt-in "faceless" recognition technology solution was intentionally designed to protect users by safeguarding their privacy without the use of photographs and eliminating the need to physically touch the reader.

While an access card or password can be misplaced, shared or cloned, the inherent properties used to authenticate users through StoneLock GO ensure that the only people accessing your facility are the ones who have been granted permission.

Trusted, Defensible Authentication
Combine StoneLock GO with EntraPass security management software and you have a solution that even satisfies companies with the most stringent security protocols. This solution helps to thwart common security vulnerabilities such as weak PINs, code sharing, propping doors open, etc.

Consistent and Proven Accuracy
Using state-of-the-art, near-infrared sensors, StoneLock GO readers scan and store unique templates of enrolled users that are unrecognizable outside of the StoneLock system. Since StoneLock GO scans thousands of points on the face several times per second, false rejections become barely noticeable making the integrated EntraPass/StoneLock GO solution perfect for high security access control where reliable user confirmation of user access is required.

True Integration for Better Security
Built directly into EntraPass using the StoneLock Gateway, this solution provides biometric-centric credentialing and user management that supports a highly available, fully secure seamless movement of biometric templates. It's also a convenient way to manage all personnel – whether StoneLock GO users or EntraPass cardholders.

Features That Make a Difference
- Completely contactless technology
- Faceless recognition protects user privacy without picture or video matching
- Universally compatible with all users regardless of gender, race, age or nationality
- Industry leading security, speed and accuracy
- Biometrics simplified: significantly reducing operational effort to deploy, operate and use
- Unparalleled anti-spoofing, near-infrared technology
- Best-in-class False Acceptance Rate (FAR)
- Seamless integration with EntraPass security management software
- Extremely simple QR-based reader programming, enrollment and two-factor authentication process

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Using the EntraPass interface, security managers can create a cardholder which will automatically become a StoneLock GO user within a personnel record and capture the facial data remotely from any StoneLock GO device within the network. By simply approaching the device face forward, the authentication process begins instantaneously.

The EntraPass and StoneLock GO purpose-built integration offers biometric rejections and other events natively available in EntraPass such as forced door entries, for better situational awareness. Together with the traditional access control events, the EntraPass/ StoneLock GO solution offers a holistic report of what happens at the door.

For more detailed information on StoneLock GO, please visit www.stonelock.com.

Specifications

EntraPass Software Requirements	
EntraPass	Corporate or Global Edition version 8.20 or higher. EntraPass Connected License required per StoneLock Gateway.
Controller Support Requirements	
Kantech Controller	Any KT-controller using Weigand (26-bit format only)
StoneLock Gateway System Requirements	
Minimum System Requirements	Processor: 64-bit, 2-cores, 2.0+ GHz RAM: 4 GB Disk Space: 15 GB
Recommended System Requirements	Processor: 64-bit, 4-cores, 2.0+ GHz RAM: 16 GB Disk Space: 50 GB
Operating System Compatibility	Ubuntu 18.04.x LTS (virtualization supported)
Required Ports (TCP)	80: Web Client 443: Web Client 1883: MQTT 8050: Database Service 8080: Web Server 8801: EntraPass Port Listing 9999: Debug
StoneLock Device Specifications	
Facial Recognition Modes	1:N and 1:1
False Acceptance Rate (FAR)	<0.0004%
Stand Alone Capacity (Local Verification)	1:N 1,000 users, 1:1 20,000 users

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Connected Capacity (Gateway Verification)	50,000 users
Enrollment Speed	< 20 seconds
StoneLock GO Readers Per Gateway	128
Embedded Reader	QR Code Scanner
Reader Output	Wiegand (card and face matching require reader expansion module – sold separately)
Lock Status	Dry contact
Tamper	Optical
StoneLock GO Reader Power Requirements	POE IEEE802.3af
Network Security	TLS 1.2 and AES 256-bit Encryption
Size	19.30 x 12.19 x 3.81 cm (7.6 x 4.8 x 1.5 in)
Mounting Height	121.92 cm (48 in) to the bottom of the reader
Environment	Indoor, out of direct sunlight

Ordering Information

Model	Description	Warranty
KT-STL-GO	GO facial reader, wall mount, indoor. Includes connectors, mounting bracket and mounting screws. Requires PoE power. USA only.	2 years
KT-STL-GO-ACC	Accessory pack for GO facial reader. Includes connectors, mounting bracket and mounting screws. USA only.	2 years
KT-STL-GO-DEMO	Demonstration kit. Includes GO facial reader with PoE injector, network cable, tripod and carrying case. USA only.	2 years
KT-STL-REM	Reader Expansion Module for the GO facial reader with cabinet. Includes removable terminals and standoffs. Requires PoE+ or an external power supply. USA only.	2 years
KT-STL-GWY-HW	Hardware Appliance pre-loaded with Gateway Software. Includes one StoneLock 3rd party integration license and updates for 1 year. Requires one Kantech E-COR-CONNECT or E-GLO-CONNECT license per StoneLock Gateway. USA only.	2 years
KT-STL-GWY-SW	Gateway Software. Includes a StoneLock 3rd party integration license and updates for 1 year. Requires one Kantech E-COR-CONNECT or E-GLO-CONNECT license per StoneLock Gateway. Runs on Ubuntu OS. USA only.	N/A
KT-STL-GWY-UPG	Gateway upgrade license. Includes 1 year of additional upgrades. USA only.	N/A
KT-STL-GO-C	GO facial reader, wall mount, indoor. Includes connectors, mounting bracket and mounting screws. Requires PoE power. Canada only.	2 years

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KT-STL-GO-ACC-C	Accessory pack for GO facial reader. Includes connectors, mounting bracket and mounting screws. Canada only.	2 years
KT-STL-GO-DEMO-C	Demonstration kit. Includes GO facial reader with PoE injector, network cable, tripod and carrying case. Canada only.	2 years
KT-STL-REM-C	Reader Expansion Module for the GO facial reader with cabinet. Includes removable terminals and standoffs. Requires PoE+ or an external power supply. Canada only.	2 years
KT-STL-GWY-HW-C	Hardware Appliance pre-loaded with Gateway Software. Includes one StoneLock 3rd party integration license and updates for 1 year. Requires one Kantech E-COR-CONNECT or E-GLO-CONNECT license per StoneLock Gateway. Canada only.	2 years
KT-STL-GWY-SW-C	Gateway Software. Includes a StoneLock 3rd party integration license and updates for 1 year. Requires one Kantech E-COR-CONNECT or E-GLO-CONNECT license per StoneLock Gateway. Runs on Ubuntu OS. Canada only.	N/A
KT-STL-GWY-UPG-C	Gateway upgrade license. Includes 1 year of additional upgrades. Canada only.	N/A

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.kantech.com or follow Kantech on LinkedIn, Twitter and Facebook.

KT1271-DS-202103-R02-HS-EN

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