



EntraPass Global Edition

Enterprise Level Security Management Software



Complete Control

Area control for occupancy management and anti-passback



Virtual Alarms

Embedded alarm integration management



Integration Expandability

ODBC-Connection to third party reporting tool



ioSmart Mobile Credential

Secure, convenient access control through EntraPass go Pass



Adaptable Scalability

Utilize 128 workstations and up to 200 concurrent web/mobile connections



Always-on Accessibility

Redundancy failover database management

This datasheet is based on 9.0 version

Enterprise Level

EntraPass Global Edition is a powerful, network-ready enterprise level security management software. The system accommodates widely dispersed applications with an unlimited number of users, controls thousands of doors and allows you to simultaneously access the system from thick client workstations or the intuitive EntraPass web and EntraPass go mobile applications to offer customers a feature-rich security experience. System administrators can securely connect via EntraPass web or a dedicated app on their smart phone/tablet and manage common access control, video and intrusion functions wherever they are.

Managing Controllers for Enterprise Solutions

The KT-NCC manages communication from the EntraPass Global Edition to door controllers to control features such as areas, alarm systems, global I/O, guard tours, and secondary access levels for reliable access control systems that are easy to manage and expand. EntraPass Global Edition is ideal for widely dispersed applications requiring higher levels of security. Powerful alarm partitioning lets you divide an area protected by the EntraPass system into as many as 100 partitions per KT-NCC. EntraPass Global Edition and KT-NCC also enable you to control access globally and provide muster reports which are critical for emergency situations.

Site Architecture

A site within EntraPass represents a customer's premises with multiple door controllers and connections. EntraPass supports the use of third-party card readers as well as Kantech's ioSmart and ioProx readers. The EntraPass go mobile app allows remote control over your security system from anywhere without being tied to a workstation. Security managers can perform a host of functions via EntraPass web platform to enhance their user experience with convenient, remote real time access management. EntraPass go is available for download on the App Store and Google Play.

Network Ready

EntraPass software is compatible with Kantech IP devices such as KT-1, KT-2, KT-400 and KT-4 controllers and utilizes 128-bit AES encryption to ensure communication against compromise. Kantech's IP devices offer real-time access to security information and integrate seamlessly into an existing TCP/IP network, meaning no changes to existing equipment, network, or related systems. The software reduces network traffic by acting as a polling device to ensure the controllers communicate with EntraPass only as required.

Door Controller Compatibility

EntraPass software makes the migration to KT-1, KT-2, KT-400 and KT-4 controllers from legacy Kantech controllers easier for existing Kantech end users. Automatically move legacy controller door programming, access levels, triggers, graphics, and more to new controllers and eliminate the need to reprogram the entire access control system from the ground up.

Redundant Server and Gateway

EntraPass Global Edition offers a redundant multi-site gateway to protect against unexpected gateway failures. The software features real time data transfer which supports fully functional redundancy at a low cost. In the event of primary server failure, the redundancy server supports all the features and functionality of the primary server.

Synchronization with Microsoft Active Directory

EntraPass offers integration with Microsoft Active Directory which synchronizes operators and card holders, eliminating the need for their manual creation in the EntraPass database. The integration also enables Single Sign-On so operators are automatically authenticated and logged into EntraPass workstation via their Windows credentials with one simple click.

Kantech Advantage Program

Kantech Advantage Program (KAP) allows you to stay current with your EntraPass software installation using tokens to take full advantage of the solution's productivity tools. The number of tokens required is based on the EntraPass options activated.

Alarm Panel Integration

Kantech offers integration kits to connect a DSC PowerSeries, PowerSeries Neo, PowerSeries Pro or MAXSYS intrusion alarm panel to a Kantech access control system when creating a single integrated solution. Native data integration allows the access control system to receive intrusion events, view zone status, view and bypass zones and arm/disarm via card reader or virtual keypad.

Video Integration

Real time monitoring capability is of growing importance when utilizing video in access control systems. Integration with Exacq video management systems, American Dynamics VideoEdge NVRs provides real time video monitoring as well as video playback. Video can be linked to access events (such as "door forced open") and recorded from one to sixteen cameras from compatible DVR/NVR simultaneously. All cameras can be called up directly from a floor plan simply by double-clicking on the camera.

ASSA ABLOY Aperio Wireless Lock Integration

Kantech expands its integrated user experience through added support of ASSA ABLOY Aperio wireless locks. The Aperio locks are managed directly through EntraPass. Each Aperio lock communicates with an Aperio wireless hub which communicates back to the KT-1-M, KT-2 and KT-400 door controllers over RS-485. Online transactions update EntraPass in real time, providing a high level of control and visibility of door actions. See the ASSA ABLOY Aperio data sheet on www.kantech.com for additional information.

Telephone Entry Integration

The Kantech Telephone Entry System (KTES) delivers a fully integrated telephone entry and access control solution. The KTES provides visitor/resident entry, tracking and reporting with a touch-tone phone style keypad and built-in two-way audio that offers both familiarity and ease of use.

Action Scheduler

The Action Scheduler is used when creating actions (one time or recurring) that are linked to features such as locking/unlocking doors, arming alarm systems and toggling relays.

Audit Trail

The Audit Trail functionality provides a detailed report on who makes changes and when the changes occurred to a card or component. Audit reports are available based on cards, components and/or operators. Detailed information includes: type of change, menu that was changed, number of fields changed, name of the GUI field, value before/after the change, and data type.

Mobile Credentials

Using EntraPass go Pass mobile credentials with the ioSmart readers. These credentials are centrally managed within EntraPass Global Edition, and EntraPass go Pass mobile credentials are reusable and transferable to new credentials holders within the system.

Notes:

KT-NCC Gen 2 requires EntraPass Global 8.70 or higher.

Aperio and DSC integration are not available with KT-4 or controllers assigned to the KT-NCC Gen 2

Flexible Language Selection

EntraPass Software enables operators to use the most relevant languages, different from the primary and secondary languages set during deployment. It also provides the ability for customer to add custom languages.

Open Supervised Device Protocol

Using KT-4, KT-400 and KT-1 controllers, EntraPass can integrate third party readers using OSDP secure channel.

Simplified Commissioning

With the EntraPass Go Install mobile application, security professionals will easily commission Kantech controllers using QR-code and generate detailed commissioning report.

Minimum System Requirements	
Processor (without video integration)	Intel® Core™ 2Duo 2.6 GHz or more
Processor (with video integration)	Quad Core
RAM	4GB or more (8GB with video integration)
Minimum Free Hard Disk Space for Software	50GB
Color Depth	24-bit (16 million colors), required for video integration
Screen Resolution	1024 x 768; 48X CD-ROM drive
Graphic Adapter Card	PCI express graphics card with 512MB (1GB with video integration) memory and DirectX 9.0 support
Network Interface Card	10/100/1000 Base-T network adapter (gigabit or greater with video integration)
Operating System Compatibility	Windows 11 Pro, Windows 10 Pro/Enterprise, Windows Server 2012 R2 Standard/Data center, Windows Server 2016 Standard/Data center, Windows Server 2019 Standard/Data center, Windows Server 2022 Standard/Data center. All operating systems are supported in 32 and 64-bit version. All operating systems should have their latest Service Packs and updates. For integrations, validate specifications of products used.
Virtual Environment Supported	VMware Workstation v7 and higher

Specifications

System Capacities	
Cards per Gateway (Online)	Unlimited
Card Families or Site Codes	Unlimited
ioSmart Mobile Credential Encryption	256-bits AES
Global Gateways or KT-NCC	128
Multi-Site Gateways	40
Elevator Floors per Cab	64
Card User Access Levels per site/ Gateway	250
Operator Workstations	128 workstations
Concurrent EntraPass web Logins	200
Concurrent System Languages	2 descriptors, operator selectable language.
Action Scheduler	999 actions
VideoVault NVR Connections	512
Per Global Gateway	
Connections per Global Gateway	Windows: 64 KT-NCC: 32
Door Controllers	Windows: 1,024 KT-NCC: 128
Schedules	100/gateway
Time Intervals Per Schedule	20
Holidays	366/gateway

Access Level Per Card Holder	13
Per Multi-Site Gateway	
Connections Per Multi-Site Gateway	Up to 2048 (IP, USB, Dial up)
Card Readers/Keypad	Up to 10,000
Schedules	100/site
Time Intervals Per Schedule	KT-1/KT-2/KT-400/KT-4 (20)
Holidays	366/site
Access Levels Per Cardholder	KT-1/KT-2/KT-400/KT-4 (5) per site
Integration Capabilities	
Intrusion	DSC PowerSeries (PC1616, PC1832, PC1864, PC4020), PowerSeries Neo (HS2016, HS2032, HS2064, HS2128), PowerSeries Pro (HS3032, HS3128, HS3248) and MAXSYS (PC4020) Alarm Panels
Video	Exacq video management systems (v20.12.8.0) and American Dynamics DVRs/ NVRs (Video-Edge up to v5.3 and previous 4.xx versions), HDVR (v4.3.0.374), ADTVR (first gen v2.2; second gen v2.5), Intellex (up to v5.0) and the INTEVO platform. Intellex Ultra, DVMS and IP all require EntraPass software v3.1 or higher, Intellex LT requires software v2.6 or higher.

Ordering Information

Model Number	Description
Software	
Each EntraPass Global Edition software package includes: four additional Workstation licenses, one Server/Workstation license, one Global Gateway (Windows NCC) license and one web license.	
E-GLO-V9	EntraPass Global Edition software
E-GLO-V9-LIC	EntraPass Global Edition software license
Additional Workstation and Gateway Licenses	
E-GLO-WS1	License for 1 Workstation (v3.xx and higher)
E-GLO-WS8	License for 8 Workstations (v3.xx and higher)
E-GLO-COM-WIN	License for 16 Global Gateways - Windows NCC - (v3.xx and higher)
E-GLO-CORCOM	License for 40 Multi-Site Gateways (v3.xx and higher)
E-GLO-CORCOM-RDN	License for Redundancy Gateway (v7.0 and higher)
Options	
E-GLO-LDAP	License for optional Active Directory (LDAP) integration
E-GLO-RDN	License for 1 Redundancy Server (v3.xx and higher)
E-GLO-SQL	License for 1 Card Gateway - MS SQL Database Interface (v3.xx and higher)
E-GLO-VVM	License for 1 EntraPass VideoVault (v3.xx and higher)
E-GLO-WEB-X	License for concurrent web login (v4.xx and higher) (X = 1, 3, 10, 25 or 50)
E-GLO-PASS-X	EntraPass go Pass credentials (X=10, 50, 100, 500)
E-GLO-CONNECT	Third-party integration option with Kantech Connected Partner Program, license for one concurrent integration. (v7.0 and higher)
Kantech Advantage Program (KAP) Tokens	
E-GLO-KTK-X	Kantech tokens (X = 1, 2, 3, 5, 10, or 20)
Wireless Locks	
E-GLO-DOOR-X	Wireless lock integration license for additional doors for Global Edition v7.0 and higher (X = 1, 4, 8, 24, 48, 96)

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