EntraPass Global Edition

Network-Ready Enterprise Level Security Management Software

Features That Make a Difference:

- Supports up to 128 workstations and controls hundreds of thousands of doors
- Global virtual alarm system, anti-passback, guard tours and muster reporting
- Import/synchronize EntraPass operators with Microsoft Active Directory for centralized management
- Automatically log into EntraPass with Windows credentials using Single Sign On in Microsoft Active Directory
- Integrates with EntraPass Go mobile app – interact with EntraPass with a few taps on your mobile device
- Integrates with EntraPass Web (remote user platform) to manage access control, IP video, telephone entry and/or intrusion security assets
- Supports up to 250* concurrent logins of EntraPass Web and/or EntraPass Go
  First login is provided as standard
- Integrates with Exacq video management systems, American Dynamics DVRs/NVRs (VideoEdge, HDVR, ADTVR and Intellex), DSC PowerSeries, PowerSeries Neo and MAXSYS intrusion alarm panels, and Kantech INTEVO integrated security platform
- Double and triple swipe card at reader (with KT-1/KT-400 controller) to activate such features as: activate relay, arm alarm system and lock/unlock doors
- Assign 5 access levels per site to a user utilizing KT-1/KT-400 controller

ENTRAPASS go

ENTRAPASS web

Enterprise Level

EntraPass Global Edition is a powerful, network-ready enterprise level security management software that accommodates widely-dispersed applications with an unlimited number of users, controls thousands of doors and allows you to simultaneously access the system from up to 128 workstations connected to the network.

Remote, mobile access

EntraPass Global Edition supports the intuitive, state-of-the-art EntraPass Web and EntraPass Go mobile applications which offer customers an unparalleled feature rich security experience. System administrators can securely connect via the 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 security management software to the door controllers. It also controls features/ functions such as areas, alarm systems, global i/o, guard tours, and secondary access levels. It makes the access control system easier to manage, easier to expand, and much more reliable. The KT-NCC is in control instead of relying on a PC for controller-server communication.

Site Architecture

A site within EntraPass represents a customer's building, campus etc and is composed of many different connections, which have multiple door controllers attached. The system can manage up to 2048 local/secure IP connections (consisting of KT-100, KT-200, KT-300, KT-1 or KT-400 door controllers) per Multi-Site Gateway. Each KT-NCC supports 3 local connections (32 controllers each) and 4 remote connections (8 controllers each). The KT-NCC provides advanced cross controller communication giving customers higher flexibility and functionality.

Network Ready

EntraPass software is compatible with Kantech IP devices such as KT-400/KT-1 controllers and Kantech IP Link (KT-IP) which all utilize highly secure 128-bit AES encryption to ensure communication is not compromised. KT-IP is an RS-232 to TCP/IP interface that connects KT-100 or KT-300 door controllers to a network and the KT-400 controller is a high proven IP controller that supports up to 8 ioProx readers (4 doors IN/OUT control using ioProx XSF readers). For the utmost flexibility and as a truly plug & play IP device, the new KT-1 controller from Kantech features a direct Ethernet port, PoE/PoE+ capabilities and can be easily surface mounted above the door, thus reducing cabling and installation time.

All of the features listed on this data sheet are available with the latest build of EntraPass v6.03 and higher

Features

With its innovative one-touch set-up and enrollment process, KT-1 provides integrators with the ultimate IP access control installation in minutes.

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. They also act as a polling device to ensure the controllers communicate with EntraPass only as required, reducing network traffic.

Redundancy Server
Redundancy server protects the EntraPass database against unexpected failures and is an option available with Corporate and Global Edition software. It features real-time data transfer, creating fully functional redundancy at low cost. In the event of primary server failure, the mirror database automatically launches the redundancy server which supports all the features and functionality of the primary server. Best of all, the redundancy server is easy-to-implement and configure. Multiple redundant servers with mirror database can be used to provide local redundancy in an enterprise environment.

Global Security Features
EntraPass Global Edition is ideal for widely-dispersed applications that require a higher level of security. For example, global anti-passback helps you prevent a cardholder from passing back his or her card to a second person to gain entry into a secured area, regardless of whether those areas are in close proximity or far apart. In addition, powerful alarm partitioning lets you divide an area protected by the EntraPass system into as many as 100 partitions per Multi-Site Gateway and individualize the alarm parameters for each.

EntraPass Global Edition and KT-NCC also enable you to control clearances globally. For example, a worker with temporary access to one part of the building or campus will lose access once the authorized clearance duration has passed.

EntraPass also provides greater security and protection using muster reports. Mustering is critical for emergency situations where it is crucial to evacuate a building as quickly as possible. You can print a list of personnel in a predefined group of areas to determine who is present and if the area is secure when an alarm or event is triggered. Mustering also includes a parking management function which notifies users when a parking area is exceeding its capacity and restricts access to the area.

Remote System Management Tools
The EntraPass Web platform enhances the user experience by delivering remote and convenient real-time access to manage common security tasks and reports from any computer connected to the internet. Security managers on the go can perform a host of functions via EntraPass Web, including locking/unlocking doors, managing cards and schedules, requesting reports, viewing live and recorded video, monitoring events by floor plan and so much more. Simply download the EntraPass Web application from any Windows PC web browser and stay connected even when on the go!

EntraPass Go is a mobile app that allows you to remotely control your security system from anywhere without being tied to a workstation. EntraPass Go puts you in control of your security. It enables you to interact with EntraPass security management software using only a few taps on your mobile device. The easy-to-use mobile app offers anytime, anywhere real-time management of over 20 security tasks. Manage/create cards, lock/unlock doors, request reports and more. EntraPass Go is available for download on the App Store and Google Play.

SmartLink: Advanced System Integration and Automation
The SmartLink application enables operators to integrate EntraPass with most intelligent devices such as video multiplexers, HVAC systems, LCD panels, video matrix switchers, etc. SmartLink uses an RS-232, API or network connection between EntraPass and the external device. With the SmartLink Task Builder, EntraPass reaches new levels in task automation. A series of tasks, similar to macros, can be created and triggered on any event and component in the system. When an event occurs, the tasks are then executed by the system.

Kantech Advantage Program
As EntraPass security management software continues to deliver new features and enhancements, it is important to have the productivity tools and training support to effectively use this solution. The Kantech Advantage Program (KAP) allows you to stay current with EntraPass your EntraPass software installation using tokens. The number of tokens required is based on the EntraPass options activated.

Video Integration
Real-time monitoring capability is a response to the growing importance of video in access control systems. Integration with Exacq video management systems, American Dynamics DVRs/NVRs (VideoEdge, HDVR, ADTVR and Intellex) and Kantech INTEVO integrated security platform 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 or dome icon.

EntraPass Video Vault
Video Vault offers an alternative to manually saving each video clip one-by-one. Simply pre-define groups for the video clips such as door forced open or access denied. Video Vault then saves the clips to the appropriate group based on whatever schedules are chosen. Video clips can also be organized as .bmp images in lieu of icons. It can connect up to 128 Exacq and/or American Dynamics DVRs/NVRs (VideoEdge, HDVR, ADTVR, Intellex and INTEVO) via integration with EntraPass software and can archive the imported video to as many as 24 digital storage devices.

Alarm Panel Integration

Kantech offers integration kits to connect a DSC intrusion alarm panel to a Kantech access control system to create a single unified solution. Data integration with DSC PowerSeries, PowerSeries NEO* or MAXSYS intrusion alarm panels allows the access control system to receive intrusion events, view zone status and to manage partitions/user codes. *Please note: NEO Virtual Keypad offering is not available at this time.

The virtual zones feature in DSC PowesrSeries NEO allows for the access control events from the Kantech system to be sent over to the Central Monitoring Station for even better situational awareness.

Telephone Entry Integration

Apartment, condominium and office buildings are just a few of the applications where security and communications are required for controlling resident and visitor traffic. 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. It uses a touch-tone phone style keypad that offers both familiarity and ease of use. Two-way audio is built-in. Video verification can be integrated to enhance the solution.

Minimum System Requirements

Processor (without video integration . . Intel® Core™ 2Duo 2.6 GHz or more
Processor (with video integration) . . . . Quad Core
RAM . . . . 2GB or more (4GB with video integration)
Free Hard Disk Space for Software . . . 50GB
Color Depth. . . . . 24-bit (16 million colors), required for video integration
Screen Resolution . . . . 1024 x 768
Graphic Adapter Card . . . . PCI Express graphics card with 512MB (1GB with video integration) memory and DirectX 9.0 support
Network Interface Card . . . . 10/100 Base-T network adaptor (Gigabit or Greater with Video Integration)

Operating System Compatibility
Windows 10 Enterprise, Windows 7 Pro/Enterprise/Ultimate, Window 8 and 8.1 Enterprise, Windows Server 2008 R2 Standard/Enterprise, Windows Server 2012 R2 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 & higher

System Capacities
Cards per Gateway (Online). . . . . Unlimited
Card Families or Site Codes . . . . Unlimited
Global Gateways 128
Multi-Site Gateways. 40
Elevator Floors per Cab. . . . . 64 (KT-300 and KT-400)
Card User Access Levels . . . . 250 per site/gateway
Access Level Combination . . . . Unlimited
Operator Workstations . . . . 128 workstations

Concurrent EntraPass Web Logins . . . 200
System Operator Passwords. . . . . Unlimited
Operator Security Levels . . . . Unlimited, pre-defined (3)
Concurrent System Languages 2

Per Global Gateway
Connections per Global Gateway . . . 32
Door Controllers 1,024
Card Readers/Keypads
KT-1 2,048
KT-300 2,048
KT-400 4,096
Monitored Points (Inputs)
KT-1 . . . . Up to 5,120
KT-300 . . . . Up to 16,384
KT-400 . . . . Up to 262,144
Auxiliary Outputs for Reader LEDs and Door Alarms
KT-1 . . . . Up to 4,096
KT-300 . . . . Up to 4,096
KT-400 . . . . Up to 8,192
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
KT-400, KT-1, KT-300 . . . . Up to 10,000
Monitored Points (Inputs)
KT-400, KT-1, KT-300 . . . . Up to 100,000
Auxiliary Outputs for Reader LEDs and Door Alarms
KT-400, KT-1, KT-300 . . . . Up to 100,000
Schedules 100/site
Time Intervals Per Schedule KT-300 (4), KT-400/KT-1 (20)
Holidays 366/site
Access levels per cardholder. . . . . KT-300(1) KT-400/KT-1 (5) per site

Integration Capabilities

Intrusion . . . . DSC PowerSeries (PC1616, PC1832, PC1864, PC4020), PowerSeries NEO (HS2016, HS2032, HS2064, HS2128) and MAXSYS (PC4020) Alarm Panels
Video
Exacq video management systems (v7.2) and American Dynamics DVRs/ NVRs (VideoEdge up to v4.6), HDVR (v1.6), ADTVR (v2.20.05), 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. Panasonic video recorders (requiring option E-COR-DVR-1): WJ-HD309A/316A/616/716, WJ-ND200/300/400.

Model Numbers

Software
Each EntraPass Global Edition software package includes: four additional Workstation licenses, one Server/Workstation license, one Global Gateway (Windows NCC) license and one WebStation license.
E-GLO-EN-V6 . . . . EntraPass Global Edition software and English user manual
E-GLO-FR-V6 . . . . EntraPass Global Edition software and French user manual
E-GLO-V6-LIC. . . . . EntraPass Global Edition software license
E-GLO-V6 . . . . EntraPass Global Edition software
E-GLO-UPG-V6-EN. . . . . EntraPass Global Edition software upgrade from v3.xx to 6.xx and English user manual
E-GLO-UPG-V6-FR. . . . . EntraPass Global Edition software upgrade from v3.xx to v6.xx and French user manual
E-GLO-UPG-V6-LIC . . . . EntraPass Global Edition software upgrade 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)

Options

E-GLO-LDAP. . . . . License for optional 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 Video Vault
(v3.xx and higher)
E-GLO-WEB-1 . . . . License for 1 concurrent WebStation login
(v4.xx and higher)
E-GLO-WEB-3 . . . . License for 3 concurrent WebStation logins
(v4.xx and higher)
E-GLO-WEB-10 . . . . License for 10 concurrent WebStation logins
(v6.01 and higher)

E-GLO-WEB-25 . . . . License for 25 concurrent WebStation logins
(v6.01 and higher)
E-GLO-WEB-50 . . . . License for 50 concurrent WebStation logins
(v6.01 and higher)
E-GLO-INFVID. . . . . License for EntraPass InfiniView - 128 additional
video servers (v5.01 and higher)
E-GLO-DVR-1 . . . . License for single 3rd party DVR (v5.02 and higher)
E-GLO-DVR-UNL . . . . . . License for unlimited 3rd party DVR (v5.02
and higher)

Kantech Advantage Program (KAP) Tokens

E-GLO-KTK-1 . . . . 1 Kantech Token
E-GLO-KTK-2 . . . . 2 Kantech Tokens
E-GLO-KTK-3 . . . . 3 Kantech Tokens
E-GLO-KTK-5 . . . . 5 Kantech Tokens
E-GLO-KTK-10 . . . . 10 Kantech Tokens
E-GLO-KTK-20 . . . . 20 Kantech Tokens

User Manual

E-GLO-MAN-EN . . . . EntraPass Global Edition English user manual

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DSC Alarm Panels
DSC Alarm Panels
KT-400
KT-1 and KT-100/300/400
KT-NCC or Global Gateway
Exacq VMS and American Dynamics DVR/NVR

ENTRAPASS go
ENTRAPASS web
Web Server & SmartLink
Report & Badging Printer
Report & Badging Printer
Workstation

ENTRAPASS GLOBAL SERVER

IP Module
KT-100/300
Dial-Up
KT-300 & KTES

Multi-Site Gateway
KTES
DSC Alarm Panels
DSC Alarm Panels
KT-1 and KT-400
KT-100/400
KT-300 & KTES

Related Products

DSC PowerSeries Neo and
MAXSYS Alarm Panels

exacqVision

EntraPass Go
Mobile App

Approvals

RoHS 2002/95/EC

CE

www.kantech.com