KANTECH
From Tyco Security Products

EntraPass
Global Edition
Network-Ready Enterprise Level Security Management Software

Features That Make a Difference[1]:

- 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
- Easily add ASSA ABLOY Aperio wireless locks to KT-400 or KT-1-M door controllers

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

2,048 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 KT-1 controller features a direct Ethernet port, PoE/PoE+ capabilities and can be easily surface mounted above the door, thus reducing cabling and installation time. 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.

[1] All of the features listed on this data sheet are available with the latest build of EntraPass v7.0 and higher

Features

Redundant Server and Gateway
A redundant server protects the EntraPass database against unexpected failures and is an option available with Global Edition software. It features real-time data transfer, creating fully functional redundancy at low cost. In the event of primary server failure, the redundancy server supports all the features and functionality of the primary server.

In addition, EntraPass Global Edition offers a redundant gateway. EntraPass can be configured to switch to the redundant gateway automatically when connection to the primary gateway is lost. This ensures your system remains operational in the event of a gateway failure.

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. In addition, powerful alarm partitioning lets you divide an area protected by the EntraPass system into as many as 100 partitions per Global Gateway.

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 muster reports which are 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. Mustering 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/recorded video and PTZ control, video searching and playback, 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. You can manage/create cards, lock/unlock doors, view video, playback video and PTZ control, request reports and more. EntraPass Go is available for download on the App Store and Google Play.

Synchronization with Microsoft Active Directory
EntraPass offers integration with Microsoft Active Directory which synchronizes Active Directory with EntraPass operators, eliminating the need for manual creation of operators in the EntraPass database. This enables Single Sign On, where operators are automatically authenticated and logged into EntraPass via their Windows credentials with one simple click.

Connect Partner Program from Tyco Security Products
Kantech is now part of the Connected Partner Program from Tyco Security Products which allows third party partners to develop integrations that communicate through the EntraPass system. The connected program allows the third party partners to develop integrations with EntraPass by using the EntraPass users and events available through Kantech software development kit (SDK).

Kantech Advantage Program
As EntraPass security management software continues to deliver new features and enhancements, it is important to have the productivity tools 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. Securely store video alarm clips at an offsite location using Video Vault.

Alarm Panel Integration
Kantech offers integration kits to connect a DSC PowerSeries, PowerSeries Neo or MAXSYS intrusion alarm panel to a Kantech access control system to create a single unified solution. Data integration allows the access control system to receive intrusion events, view zone status to manage partitions/user codes and arm/disarm via card reader. *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.

Take a closer look

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. It uses a touch-tone phone style keypad that offers both familiarity and ease of use. Two-way audio is built-in.

ASSA ABLOY Aperio Wireless Lock Integration

Kantech expands its integrated user experience by adding the 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-400 and KT-1-M door controllers over RS-485. Online transactions mean that EntraPass is updated in real-time, providing a high level of control and visibility of door actions. See ASSA ABLOY Aperio data sheet on www.kantech.com for additional information.

Basic System Diagram

From Tyco Security Products

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 . . . 100GB
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 . . . 250
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 (v7.4) and American Dynamics DVRs/ NVRs (VideoEdge up to v4.8), 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 Web license.
E-GLO-V7-LIC. . . . . EntraPass Global Edition software license
E-GLO-V7 . . . . EntraPass Global Edition software

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 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-X . . . . License for concurrent Web login
(v4.xx and higher) X = 1, 3, 10, 25 or 50
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-X . . . . Kantech Tokens (X = 1, 2, 3, 5, 10, or 20)

Wireless Locks

E-GLO-DOOR-X . . . . Wireless lock integration license for additonal doors
for Global Edition v7.0 and higher
(X = 1, 4, 8, 24, 48, 96)

Related Products

DSC PowerSeries Neo and MAXSYS Alarm Panels

exacqVision

EntraPass Go Mobile App

Approvals

RoHS 2002/95/EC

CE

www.kantech.com