

## EntraPass Global Edition Network-Ready Enterprise Level Security Management Software



### Features That Make a Difference<sup>1</sup>:

- Supports up to 128 workstations and controls hundreds of thousands of doors
- Embedded Sybase SQL database engine
- Global virtual alarm system, anti-passback, guard tours and muster reporting
- Integrate EntraPass Go mobile app – interact with EntraPass with a few taps on your mobile device
- Integrates EntraPass Web (remote user platform) to manage access control, IP video, telephone entry and/or intrusion security assets
- Supports up to 200 concurrent logins of EntraPass Web and/or EntraPass Go
- Integrates with Exacq video management systems, American Dynamics DVRs/NVRs (VideoEdge, HDVR, ADTVR and Intellex) and DSC PowerSeries and MAXSYS intrusion alarm panels
- Double and triple swipe card at reader (with KT-400 controller) to activate such features as: activate relay, arm alarm system and lock/unlock doors

### 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. Global Edition software integrates advanced security features such as EntraPass Go mobile app and EntraPass Web (remote user platform) that deliver remote and convenient access to common security tasks and reporting. The enhanced user experience makes navigation and operation easy and intuitive.

### 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/loop is composed of controllers attached to the same communication port or connection. The software is scalable and grows with the customer's needs. EntraPass Global Edition can manage up to 32 local sites or 512 Secure IP connections per Multi-Site Gateway. Each KT-NCC supports 3 local loops (32 controllers each) and 4 remote loops (8 controllers each). The KT-NCC provides advanced cross controller communication giving customers higher flexibility and functionality. Sites/loops are comprised of any combination of KT-100, KT-300 and KT-400 door controllers.

### 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.



(1) All of the features listed on this data sheet are available with the latest build of EntraPass v6.01 and higher

# Features

## 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 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 and American Dynamics DVRs/NVRs (VideoEdge, HDVR, ADTVR and Intellex) 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. In addition, the EntraPass InfiniView option allows for addition of 128 video servers.

## 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 and Intellex) via integration with EntraPass software and can archive the imported video to as many as 24 digital storage devices.

# Take a closer look

## Alarm Panel Integration



By integrating all security assets such as intrusion detection, access control, video and telephone entry into one common platform, users can interface with just one system, for greater simplicity and optimum control. 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 or MAXSYS intrusion alarm panels allows the access control system to receive intrusion events, view zone status and to manage partitions/user codes.

## 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)	. . . Dual Core
Processor (with video integration)	. . . Quad Core
RAM	. . . 4GB (8GB 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 XP Pro in 32-bit version, Server 2003/2008 Standard/Enterprise, Vista Pro and Windows 7 Pro (all in 32 and 64-bit versions), Windows 8 (limited to access control function only). All operating systems should have their latest Service Packs and updates. **For integration, 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

Loops per Global Gateway	. . . . . 32
Door Controllers	. . . . . 1,024
Card Readers/Keypads	
KT-300	. . . . . 2,048
KT-400	. . . . . 4,096
Monitored Points (Inputs)	
KT-300	. . . . . Up to 16,384
KT-400	. . . . . Up to 262,144
Auxiliary Outputs for Reader LEDs and Door Alarms	
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

Loops per Multi-Site Gateway	. . . . . 544
Door Controllers	. . . . . 17,408
Card Readers/Keypads	
KT-300	. . . . . 34,816
KT-400	. . . . . 69,632
Monitored Points (Inputs)	
KT-300	. . . . . 278,528
KT-400	. . . . . 4,456,448
Auxiliary Outputs for Reader LEDs and Door Alarms	
KT-300	. . . . . Up to 69,632
KT-400	. . . . . Up to 278,528
Schedules	. . . . . 100/site
Time Intervals Per Schedule	. . . . . KT-300 (4), KT-400 (20)
Holidays	. . . . . 366/site

## Integration Capabilities

Intrusion . . . . . DSC and MAXSYS Alarm Panels (PC1616, PC1832, PC1864, PC4020)

### Video

Exacq video management systems and American Dynamics DVRs/NVRs (VideoEdge, HDVR, ADTVR and Intellex). Intellex Ultra, DVMS and IP all require 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 v6.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

