EntraPass Corporate Edition
Multiple Workstation Security Management Software

ENTRAPASS **web**

ENTRAPASS **go**

Features That Make a Difference[1]:

- NEW! Support for ioSmart Smart Card Readers & Cards
- NEW! Integration with HID Mobile Access for mobile credentials
- Gain access to doors with a one time unlock command using the EntraPass Go Pass mobile app
- Automatically move legacy controller to KT-1 and KT-400 door controllers eliminating the need to reprogram
- Supports up to 20 workstations and controls hundreds of thousands of doors
- Import/synchronize EntraPass operators and users 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 Web (remote user platform) to manage access control, IP video, telephone entry and/or intrusion security assets
- Supports up to 50 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) and INTEVO integrated security platform
- Integrates with DSC PowerSeries, PowerSeries Neo and MAXSYS intrusion alarm panels
- 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

Network-Ready

EntraPass Corporate Edition is a proven platform that offers the ultimate balance between power and affordability in a network environment. EntraPass offers the flexibility to securely connect controllers directly on the network, as well as over RS-485. EntraPass software is compatible with IP devices such as KT-400/KT-1 controllers and IP Link (KT-IP) which all utilize highly secure 128-bit AES encryption to ensure communication is not compromised.

KT-400 controller is a highly proven IP controller that supports up to 8 ioProx XSF and ioSmart readers (4 doors IN/OUT control).

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.

Remote, Mobile Access

EntraPass Corporate 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.

EntraPass also supports the EntraPass Go Pass mobile app which allows users with appropriate credentials to quickly and conveniently access secured areas with a few taps of a mobile device. EntraPass Go Pass turns an iOS mobile device into an access control credential. Once the app connects to the EntraPass server, it presents you with a list of doors that you are authorized to enter.

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. EntraPass supports the use of third party card readers as well as Kantech's ioSmart and ioProx readers. ioSmart readers provide end-to-end AES 128-bit encryption between the ioSmart card and ioSmart reader, ioSmart reader

Features

KT-1 and KT-400 controllers over RS-485 and the aforementioned controllers to EntraPass software over IP. ioProx readers feature a highly secure 39-bit XSF format and can be connected using existing CAT5e cabling for installation cost savings.

EntraPass software is highly scalable and can seamlessly expand as the security requirements of your business grow.

Redundant Server
A redundant server protects the EntraPass database against unexpected failures and is an option available with Corporate 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 which supports all the features and functionality of the primary server.

Door Controller Compatibility
EntraPass software is compatible with Kantech's complete line of door controllers to create a highly scalable solution that can be deployed within one building or across multiple locations. You can mix and match KT-400 and KT-1 together for the best solution to fit your specific needs.

EntraPass now makes the migration to KT-1 and KT-400 controllers from legacy controllers easier for existing end users. You can automatically move the legacy controller's door programming, access levels, triggers, graphics, etc. to the new controller eliminating the need to reprogram the entire access control system from the ground up.

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 including locking/ unlocking doors, managing cards and schedules, requesting reports, viewing live video and PTZ control, viewing recorded video, video 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, arm/disarm partitions, view live video from Exacq exacqVision video servers and INTEVO integrated security platform, view PTZ control, view video playback, request reports and more. EntraPass Go is available for download on the App Store and Google Play.

Connect Partner Program from Tyco Security Products
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 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, 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. You can then securely store video alarm clips at an offsite location for easy access using Video Vault.

Synchronization with Microsoft Active Directory
EntraPass offers integration with Microsoft Active Directory which synchronizes Active Directory with EntraPass operators and card holders, eliminating the need for their manual creation in the EntraPass database. The integration also enables single sign on, where operators are automatically authenticated and logged into EntraPass via their Windows credentials with one simple click.

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. Offers integration kits to connect a DSC PowerSeries, PowerSeries Neo or MAXSYS intrusion alarm panel to access control system to create a single integrated solution. Data integration allows the access control

Take a closer look

system to receive intrusion events, view zone status and to manage partitions/user codes and arm/disarm via card reader. *Please note: DSC PowerSeries 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 EntraPass to be sent to the central monitoring center for even better situational awareness.

Telephone Entry Integration

The 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

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.

Installation simplified

The EntraPass Go Install mobile app provides easy configuration of KT-1 and KT-400 controllers by scanning a QR code. The scan auto-fills the controller's MAC address and serial number, eliminating the need to manually enter the information. The app's setup also includes pre-populated fields, which you can easily modify and label (e.g. Front Lobby Door, Warehouse Exit Door, etc.) to configure the doors.

Basic System Diagram

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 . . . . .10/1000 Base-T network
adaptor (gigabit or greater with
video integration)

Operating System Compatibility

Windows 10 Pro/ 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 . . . . .Unlimited
Card Families or Site Codes . . . . .Unlimited
Card Readers/Keypad per Mult-Site Gateway
KT-400, KT-1, KT-300 . . . . .Up to 10,000
Monitored Points (Inputs) per Mult-Site Gateway
KT-400, KT-1, KT-300 . . . . .Up to 100,000
Auxiliary Outputs for Reader
LEDs and Door Alarms per Mult-Site Gateway
KT-400, KT-1, KT-300 . . . . .Up to 100,000
Elevator Floors per Cab. 64
Card User Access Levels . . . . .250 per site
Access Levels per Cardholder. . . . . . .KT-300(1) KT-400/KT-1 (5) per site
Access Level Combinations. . . . . .Unlimited
Schedules 100/site
Time Intervals per Schedule KT-300 (4), KT-400/KT-1 (20)
Holidays . . . . .366 per system
Operator Workstations . . . . .20 + 1 on the server
Concurrent EntraPass Web Logins . . .50
Multi-Site Gateways. 41
System Operator Passwords. . . . . . . .Unlimited
Operator Security Levels . . . . .Unlimited, pre-defined (3)
Concurrent System Languages . . . . . .Two
Number of Printers . . . . .One log printer, one report printer,
and one badge printer per
workstation
Connections per Multi-Site Gateway . .Up to 2048 (IP, USB, Dial up)

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 (v7.8.1) and American Dynamics
DVRs/ NVRs (VideoEdge up to v4.6 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. Panasonic video recorders (requiring option E-COR-DVR-1):
WJ-HD309A/316A/616/716, WJ-ND200/300/400.

Model Numbers

Each EntraPass Corporate Edition software package includes: two additional
Workstation licenses, one Server/Workstation license, one Multi-Site Gateway
license and one Web license.

Software

E-COR-V7-LIC . . . . .EntraPass Corporate Edition
software license
E-COR-V7. . . . . .EntraPass Corporate Edition software

Additional Workstation and Gateway Licenses

E-COR-WS1 .License for 1 Workstation
(v3.xx and higher)
E-COR-WS6 .License for 6 Workstations
(v3.xx and higher)
E-COR-COM. . . . . .License for 40 Multi-Site Gateways