KANTECH
From Tyco Security Products

EntraPass Corporate Edition
Multiple Workstation Security Management Software

Features That Make a Difference[1]:

- Supports up to 20 workstations and controls hundreds of thousands of doors

- 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 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 Kantech 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

ENTRAPASS **go**

ENTRAPASS **web**

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 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.

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.

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 renowned ioProx readers. 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.

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

Redundant Server

A redundant server protects the EntraPass database against unexpected failures and is an option available with Corporate 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.

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 Kantech 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

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 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, 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.

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 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 and 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 EntraPass to be sent to the central monitoring center 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

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 . . . . 10/1000 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 . . . . 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 (v7.4) 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

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
    (v3.xx and higher)

Options

E-COR-LDAP . . . . License for optional LDAP integration
E-COR-RDN . . . . License for 1 Redundancy Server
    (v3.xx and higher)
E-COR-SQL . . . . License for 1 Card Gateway - MS SQL
    Database Interface (v3.xx and higher)
E-COR-VVM . . . . License for 1 EntraPass Video Vault
    (v3.xx and higher)
E-COR-WEB-X . . . . License for concurrent web login
    (v4.xx and higher) X = 1, 3, 10, 25
E-COR-DVR-1. . . . . License for single 3rd party DVR
    (v5.02 and higher)

Kantech Advantage Program (KAP) Tokens

E-COR-KTK-X. . . . . Kantech Token (X = 1, 2, 3, 5, 10)

Wireless Locks License

E-COR-DOOR-X . . . . Wireless lock integration license
    for additional doors
    (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

www.kantech.com