

Kantech Entrapass Corporate Edition is a powerful, multi-user access control system that adapts easily to meet the needs of growing businesses, allowing you to manage one building or access multiple remote sites from a network.

Entrapass Corporate Edition is extremely easy to install. Express Setup automatically defines all the necessary system components which reduces the time required to configure the system and eliminates programming errors.

Entrapass Corporate Edition's distributed architecture supports connections to remote sites using direct connections, dial-up modems, and TCP/IP communication. TCP/IP communication is accomplished using KT-100, KT-200, and KT-300 controllers using Kantech IP Link, or KT-400 Ethernet-ready four-door controller with an onboard Ethernet port. Both Kantech IP Link and KT-400 provide secure communication to the Entrapass

## Entrapass Corporate Edition

### High-Performance Access Control Solution

#### Features That Make a Difference:

- Supports up to 20 workstations and controls thousands of doors
- Operates securely over a network using either Kantech™ IP Link with KT-100 and KT-300 controllers or the Ethernet-ready KT-400 controller
- Create multiple cards per user for more efficient card management
- Entrapass workspaces let you control what operators can see based on user privileges
- Manage your system remotely with Entrapass WebStation
- Embed DVRs, IP cameras, web pages, or network files into Entrapass using WebViews
- Eight operator-configurable desktops with unlimited interactive floor plans provide a highly customized experience for each workstation
- Interface with paging systems, HVAC systems, and more with innovative SmartLink feature
- SmartLink Task Commander automates system tasks
- Integrated badging solution
- Elevator control for up to 64 floors per elevator
- Optional redundancy server ensures that critical data is available even in the event of server communication failure
- Card Gateway allows for real-time card management with third party databases (Oracle/MS SQL)
- Virtual keypad to configure and operate DSC® PowerSeries alarm panels
- Time and attendance and roll call reporting
- Integrates with Kantech Telephone Entry System
- Integrates with American Dynamics Intellex® digital video management systems

system via 128-bit AES-encryption. All communication is sent over the network only when required, keeping network traffic down to a minimum.

Integration with American Dynamics Intellex digital video management systems<sup>1</sup> dramatically increases security by allowing visual observations of monitored areas. It also allows security personnel to link an access control event to a video clip directly from their access control application.

Entrapass Corporate Edition also integrates with the Kantech Telephone Entry System to bring you an access control solution with telephone entry access capabilities. A simplified version of the Entrapass software is included which allows for fast configuration and firmware upgrades, live transaction monitoring, and system backup. For more information, refer to the Kantech Telephone Entry System data sheet.

Note: Features available with v4.02

(1) Requires software v3.1 or higher for Intellex Ultra, DVMS, and IP; v2.6 or higher for Intellex LT

# features

## Network Ready

EntraPass Corporate Edition supports Kantech IP Link, which provides a secure and affordable way to manage your access control system over a network using KT-100 and KT-300 door controllers. Kantech IP link manages polling of these door controllers and communicates with EntraPass Corporate Edition only when an event has occurred. This significantly reduces the amount of bandwidth required. Kantech IP Link uses 128-bit AES encryption to communicate with EntraPass to ensure secure communication when used over the Internet.

In addition, EntraPass supports the KT-400 Ethernet-ready four-door controller that provides 128-bit AES-encrypted communication. With an onboard Ethernet port, you do not need to purchase an external IP device to connect to the network.

## Simplified and Improved System Management

EntraPass workspaces provide customized views of the EntraPass system based on an operator's access privileges. Each workspace is created and defined in terms of devices – gateways, sites, doors, relays, etc. – and is configured to identify what areas of the EntraPass system the operator can access and view, such as desktop display, card fields, etc. Workspaces let you create different views of the EntraPass system that can be saved and applied to any operator.

An operator can further create and refine views to filter additional components that are not necessary for day-to-day operation. The operator can create, save, and reuse temporary workspaces. This is useful whenever a recurring operation is needed on the system such as creating reports.

You can assign up to five cards to any employee to avoid having to create five different entries in EntraPass. Access levels can also be applied at this time to ensure cardholders have access only to authorized areas.

## Manage Your System Remotely

Easily manage your system over the Internet using the EntraPass WebStation. The optional web interface provides remote access to create, modify, and delete cardholders without installing and maintaining additional workstations. You can assign an access level to cardholders, manually operate doors, relays, and inputs, view last card transactions, receive reports securely by email, and integrate and display live video from IP cameras, DVRs, etc. using WebViews.

In addition, using the EntraPass vocabulary editor, you can translate the WebStation into any foreign language. For convenience, EntraPass WebStation defaults to English and French.

## SmartLink for Advanced System Integration and Automation

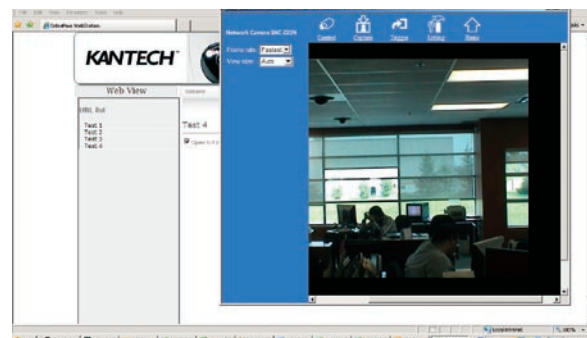
SmartLink allows you to integrate any third party application or database with EntraPass. SmartLink uses built-in macros to help you design the most commonly requested integrated applications such as CCTV multiplexers, paging systems, HVAC systems, etc., by using an RS-232 or network connection between the system and the third-party device. For advanced system integration, SmartLink enables communication with software applications such as time and attendance, badging, human resource management, student registration, and more through Ethernet, TCP/IP, an RS-232 port, API, or with DLLs. This allows complete and real-time data exchange between systems, eliminating duplicate data entry.

With the addition of the SmartLink Task Commander, EntraPass reaches new levels in task automation. Using the powerful functionality of the task builder, a series of tasks, similar to macros, are created and can be triggered on any event and component in the system. When an event occurs, the tasks are then executed by the system. You can even manually activate these specific tasks directly from the interactive floor plans in EntraPass.

The SmartLink Task Commander with the addition of the toggle functionality can be used to create a task that can turn on/shut off lights and lock/unlock doors, relays, or inputs and perform other specific actions based on the identity of the cardholder. For example, a customer operating a storage facility can open specific storage room doors when they swipe a card at the main entrance door.

## WebViews Provide An Enhanced Operator Experience

Graphical layouts can enhance your EntraPass experience. You can integrate embedded DVRs, IP cameras, web pages, or network files into the desktop. For example, add a IP camera view or a geographical map with objects, such as doors and cameras, directly onto the map for a visual representation of objects in various locations across the world. This gives you the ability to combine multiple technologies into one consolidated view.



# take a closer look

## The Benefits of Video Integration

Integration with an American Dynamics Intellex digital video management system provides real-time video monitoring as well as video playback of critical access events. Video can be linked to access control events and recorded from different Intellex systems simultaneously. Presets, sequences, dome control, and 1x1, 2x2, 3x3, and 4x4 views are available through the EntraPass software. All cameras can be called up directly from a floor plan simply by double-clicking on the camera or dome icon.

## EntraPass Video Vault

Installed on your network, the optional EntraPass Video Vault offers an alternative to manually saving each video clip one by one. Simply pre-define groups for your video clips (such as door forced or rejected card) and EntraPass Video Vault saves them to the appropriate group based on whatever schedules you choose.

## Redundancy Server

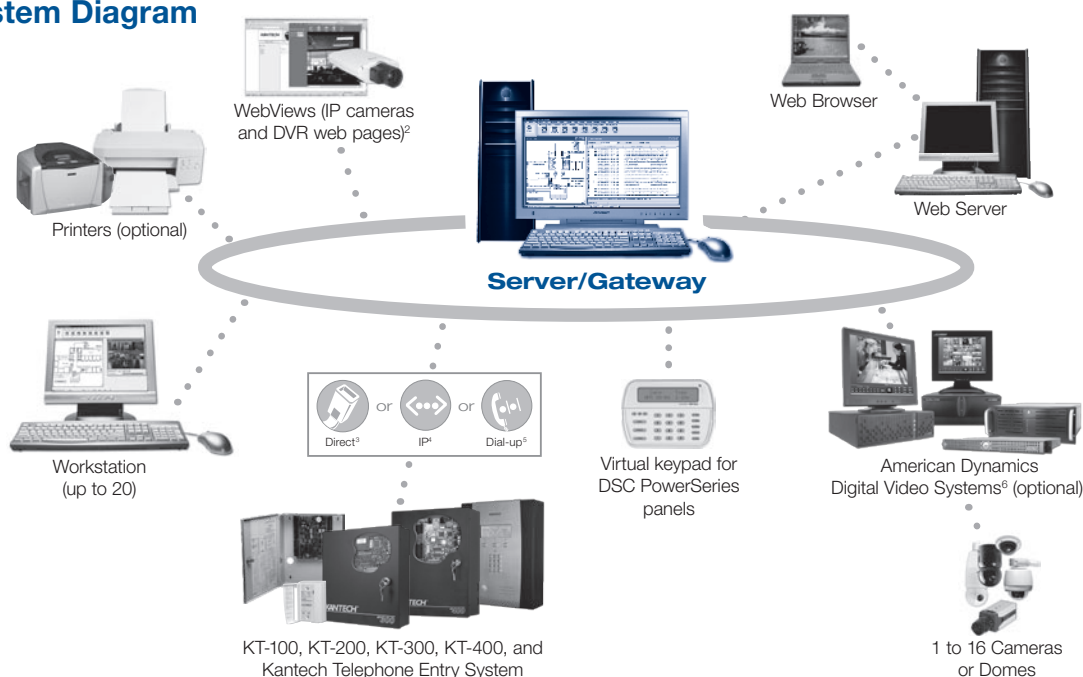
EntraPass Corporate Edition offers an optional redundancy server with a mirror database to monitor all data activity on your primary EntraPass server and creates a real-time copy of the system database. In the event of primary server failure, the mirror database automatically launches the redundancy server which supports all the features and functionality of the primary server. Once the primary server returns online, all archives are merged and/or the entire database is copied from the redundancy server.

## Virtual Keypad for DSC PowerSeries Alarm Panels

As part of the EntraPass workstation, you can communicate with DSC PowerSeries alarm panels using a virtual keypad. The keypad makes it easy for you to arm and disarm the panels as well as configure in the same way as if it were an actual physical keypad - all from the EntraPass GUI.



## Basic System Diagram



(2) A variety of video products have been tested successfully using WebViews. For a complete list, contact Kantech sales

(3) Direct: using RS-232 or RS-485 with USB-485 or VC-485 converter, KT-100 using RS-485 with converter

(4) IP using Kantech IP Link or KT-400 Ethernet controller

(5) Dial-up: KT-300 only, using RS-232 serial modem at remote site (KT-100 must be connected to KT-300 or KT-400)

(6) Requires software v3.1 or higher for Intellex Ultra, DVMS, and IP; v2.6 or higher for Intellex LT

### EntraPass Corporate Edition System Capacities

Cards	Unlimited
Card Families or Site Codes	Unlimited
Door Controllers	17,408 per gateway
Card Readers/Keypad	
KT-300	34,816 per gateway
KT-400	69,632 per gateway
Monitored Points (Inputs)	
KT-300	278,528 per gateway
KT-400	4,456,448 per gateway
Auxiliary Outputs for Reader	
LEDs and Door Alarms	69,632 (KT-300)
Elevator Floors per Cab	64
Card User Access Levels	250 per site
Access Level Combinations	Unlimited
Schedules of Four Time Zones Each	100/site
Holidays	366 per system
Operator Workstations	20 + 1
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
Serial Port / USB	Max. 32 per gateway
Remote Sites	Max. 512 per gateway

### Recommended Computer Requirements for EntraPass Server<sup>7</sup>

Processor	Pentium® IV, 1.8 GHz
RAM	1 GB
Free Hard Disk Space	
Required for Software	20 GB
Screen Resolution	1024 x 768
Graphic Adaptor Card	32 MB
Color Depth	24-bit (16 million colors), required for video integration only
DVD/CD-ROM Drive	48x
Network Interface Card	10/100Base-T
Operating System Compatibility	Windows® 2000, XP Pro, XP Pro Service Pack 2, 2003 Standard or Enterprise Server, Windows Server 2008, Windows Vista® running in 32-bit mode

### Model Numbers<sup>9</sup>

EntraPass Corporate Edition package includes:

License for EntraPass Corporate Edition software enables one server workstation and two additional workstations, plus a Corporate Gateway and CBLK-10 cable kit.

E-COR-EN-V4	EntraPass Corporate Edition v4.x software - English
E-COR-SP-V4	EntraPass Corporate Edition v4.x software - Spanish
E-COR-FR-V4	EntraPass Corporate Edition v4.x software - French

### Manuals Only

E-COR-MAN-EN	EntraPass Corporate Edition v4.x English manual
E-COR-MAN-SP	EntraPass Corporate Edition v4.x Spanish manual
E-COR-MAN-FR	EntraPass Corporate Edition v4.x French manual
E-COR-UPG-EN-V4	Upgrade for EntraPass Corporate Edition v3.x to v4.x with English manual
E-COR-UPG-FR-V4	Upgrade for EntraPass Corporate Edition v3.x to v4.x with French manual

### Accessories

E-COR-WEB-1	One concurrent EntraPass Webstation connection license for EntraPass Corporate Edition v4.x
E-COR-WEB-3	Three concurrent EntraPass WebStation connection licenses for EntraPass Corporate Edition v4.x
E-COR-WS1	One additional workstation license for EntraPass Corporate Edition v3.0 and higher
E-COR-WS6	Six additional workstation licenses for EntraPass Corporate Edition v3.0 and higher
E-COR-COM	Forty additional Corporate Gateway licenses for EntraPass Corporate Edition v3.0 and higher
E-COR-VVM	Video Vault license for EntraPass Corporate Edition v3.0 and higher
E-COR-RDN	Redundancy server license for EntraPass Corporate Edition v3.0 and higher
E-COR-SQL	Card Gateway license for EntraPass Corporate Edition v3.0 and higher
E-COR-KTK-1	One Kantech token for EntraPass Corporate Edition
E-COR-KTK-2	Two Kantech tokens for EntraPass Corporate Edition
E-COR-KTK-3	Three Kantech tokens for EntraPass Corporate Edition
E-COR-KTK-5	Five Kantech tokens for EntraPass Corporate Edition

(7) Actual requirements may vary based on your operating system and configuration. For Vista operating system or video integration, a dual-core processor and 2 GB RAM is highly recommended.

(8) Windows Vista Home does not support EntraPass WebStation

(9) Contact Sales for the most current EntraPass version

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

© 2009 Tyco International Ltd. and its respective companies. All rights reserved. KT0098-DS-200908-R04-A4-EN