EntraPass Special Edition
Single Workstation Security Management Software

Features That Make a Difference

- Support for ioSmart Smart Card Readers & Cards

- Cost effective, yet feature rich access control starter and expansion kits available

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

- Integrates with Kantech Telephone Entry System (KTES)

- Integrates with Exacq video management systems, DSC PowerSeries intrusion alarm panel models and the Kantech INTEVO integrated security platform

- Double and triple swipe card at reader (with KT-1 and KT-400 controllers) to activate such features as activate relay, arm alarm system and lock/ unlock doors

Single Workstation System

EntraPass Special Edition is a single workstation security software. It controls up to 64 Kantech door controllers (consisting of KT-400 and KT-1 controllers). The software is comprehensive and menu-driven. It is easy to learn and operate. Administrators can define or modify parameters such as schedules or access levels, generate reports and activate controlled devices (i.e. locking/ unlocking doors, or activating relays for lighting or air conditioning). EntraPass offers full integration with Exacq video management systems, American Dynamics DVRs/NVRs (HDVR, ADTVR and Intellex), and DSC PowerSeries, PowerSeries Neo and MAXSYS intrusion alarm panels.

Express Setup

Express Setup allows you to configure system components such as sites and controllers, as well as devices associated with these components such as doors and inputs. This utility reduces programming to a minimum, allowing the installer to test the installation and system components.

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. 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 and Kantech 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.

*All features listed on this data sheet are available with the latest build of EntraPass v8.00 and higher
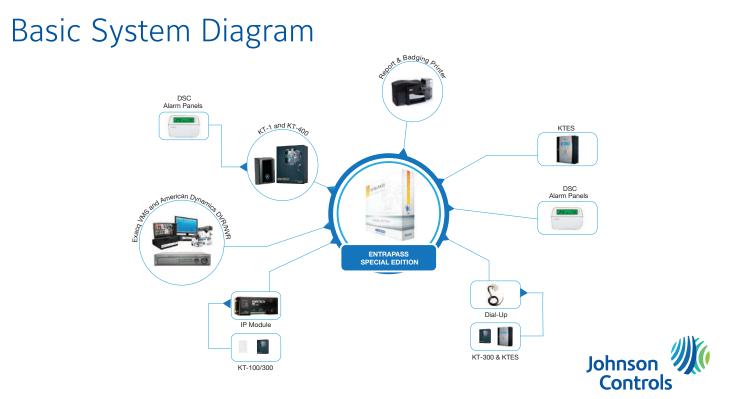
Alarm Panel Integration

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 integrated solution. Data integration with DSC PowerSeries, PowerSeries Neo, PowerSeries Pro or MAXSYS intrusion alarm panels allows the access control system to receive intrusion events, view zone status and to manage partitions/user codes. ITV2 Type 2 encryption is an integration option for use with both the PowerSeries Neo and PowerSeries Pro panels, making installations cyber secure.

Video Integration

Real-time monitoring capability is a response to the growing importance of integrated access control and security management systems. Integration with Exacq video management systems and American Dynamics DVRs/NVRs (HDVR, ADTVR, Intellex and INTEVO) 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 16 cameras from compatible DVRs/ NVRs simultaneously. All cameras can be called up directly from a floor plan simply by double-clicking on the camera or dome icon.

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 also features two-way built-in audio and a touch-tone phone style keypad that offers both familiarity and ease of use.

Basic System Diagram

DSC Alarm Panels

Report & Badging Printer

KT-1 and KT-400

KTES

DSC Alarm Panels

Exacq VMS and American Dynamics DVR/NVR

ENTRAPASS SPECIAL EDITION

IP Module

Dial-Up

KT-100/300

KT-300 & KTES

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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)
Free Hard Disk Space for Software	50GB
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
Color Depth	24-bit (16 million colors), required for video integration
Network Interface Card	10/100/1000 Base-T network adapter (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 Data Center, Windows Server 2016 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 and higher

Specifications

System Capacities	
Cards	Unlimited
Cards per Controller in Stand-Alone Mode	KT-100 (6,000), KT-200 (3,000), KT-300/128K (8,000), KT-300/512K (56,000), KT-400 (100,000), KT-1 (100,000)
Card Families or Site Codes	Unlimited
Number of Sites	Up to 64 (Max. 64 controllers)
Door Controllers per Site	32
Compatible Controllers	KT-1, KT-200, KT-300, KT-400
Card Readers/Keypads	KT-1, KT-100/KT-300 (128 per system), KT-400 (256 per system)
Monitored Points (Input)	KT-1/KT-100 (128 per site), KT-300 (512 per site), KT-400 (8,192 per site)
Card User Access Levels	250 per site
Access Level Combinations	Unlimited
Schedules	100
Time Intervals per Schedule	4
Holidays	366 per system
Holiday Types	4
System Operator Passwords	Unlimited
Operator Security Levels	Unlimited, pre-defined (3)
Concurrent System Languages	Two
Number of Printers	One log printer; one report printer; optional badging printer
Action Scheduler	999 actions

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Integration Capabilities	
Intrusion	DSC PowerSeries (PC1616, PC1832, PC1864, PC4020), PowerSeries Neo (HS2016, HS2032, HS2064, HS2128), PowerSeries Pro (HS3032, HS3128) and MAXSYS (PC4020) Alarm Panels
Video	Exacq VMS v7.8.1 and American Dynamics DVRs/ NVRs including HDVR (4.3.0.374 and previous versions), ADTVR (first gen v2.2; second gen v2.5), Intellex 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.

Ordering Information

Model Number	Description
Software	
E-SPE-V8	EntraPass Special Edition software
E-SPE-V8-LIC	EntraPass Special Edition software license
E-SPE-V8-NL	EntraPass Special Edition software, no license
Optional Kantech Advantage Program (KAP) Token	
E-SPE-KTK-1	1 Kantech token
Wireless Locks	
E-SPE-DOOR-X	Wireless lock integration license for additional doors for Special Edition v7.0 and higher (X = 1, 4, 8, 24, 48, 96)

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

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