KANTECH
From Tyco Security Products

EntraPass Special Edition

Single Workstation Security Management Software

Single Workstation System

EntraPass Special Edition is a single workstation security software. It controls up to 64 Kantech door controllers (consisting of the KT-400 and the KT-1 controller). 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 readers as well as Kantech's renowned ioProx card 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.

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 sixteen 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.

Features[1]

- // Fast/user-friendly installation/operation
- // Integrates with Kantech telephone entry systems
- // Built-in e-mail reporting capability
- // Integrates with Exacq video management systems and American Dynamics DVRs/NVRs (HDVR, ADTVR and Intellex)
- // 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
- // Cost effective, yet feature rich access control starter & expansion kits available
- // Easily add ASSA ABLOY Aperio wireless locks to KT-400 or KT-1-M door controllers

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

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.

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, PowerSeries Neo or MAXSYS intrusion alarm panels allows the access control system to receive intrusion events, view zone status and to manage partitions/user codes.

Technical Specifications

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: 50GB
Screen Resolution: 1024 x 768
Graphic Adapter Card: PCI Express graphics card with 512MB (1GB with video integration) memory and DirectX 9.0 support
Colour Depth: 24-bit (16 million colors), required for video integration
Network Interface Card: 10/100 Base-T network adapter (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 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
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
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

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 v7.2 and American Dynamics DVRs/NVRs including HDVR (1.6), ADTVR (v2.20.05), Intellex & 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

Software

E-SPE-V7-LIC	EntraPass Special Edition software license
E-SPE-V7	EntraPass Special Edition software

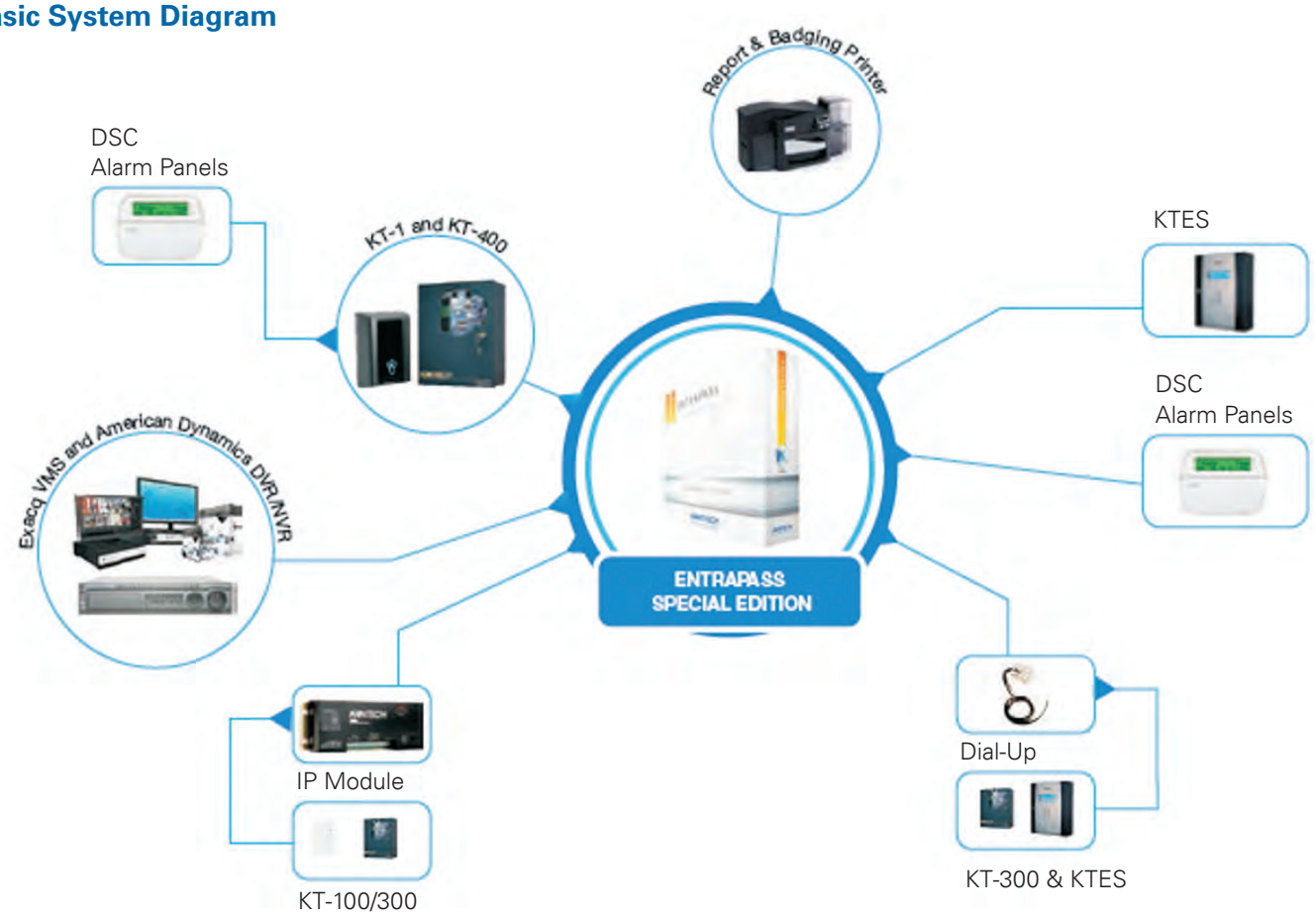
Optional Kantech Advantage Program (KAP) Token

E-SPE-KTK-1	1 Kantech token

Wireless Locks

E-SPE-DOOR-X	Wireless lock integration license for additional doors for EntraPass 7.0 and higher (X = 1, 4, 8, 24, 48, 96)

Basic System Diagram



The right is reserved to modify or withdraw any product or service without notice. PSAC318UK Issue – 11. November 2016 © 2016