



the synergy of one



Integration
Made Simple

The greatest challenge – and the greatest opportunity – in security today is 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. But where does integration begin? Well, consider access control. It's at the center of the security universe. It's where security meets people and permissions. And it's the building block upon which to add other systems to make a robust security solution.

1 More Control at The Door

Start with the simple access control card. In an integrated system, it can do so much more than just enable access. The card is the key that opens the security integration universe to enable such assets as intrusion alarm panel monitoring, guard tours, visitor management and more.

Kantech's EntraPass Security Management Software integrates with DSC PowerSeries and MAXSYS alarm panels and can set permissions to allow authorized cardholders to disarm the alarm system simply by presenting their card to a reader. In some cases, the card reader will have an integrated keypad for dual authentication. In those instances, the system can be armed with the touch of a button on the reader keypad and by presenting a card to the reader. When using a KT-400 door controller, the alarm system can also be armed by double or triple swiping the card at the reader.* And EntraPass can notify the user at the reader level whether the alarm system is armed or disarmed. EntraPass supports single or multiple alarm partitions. Permission can be assigned to any partition, combination of partitions, or the whole system. In each partition, the zones can be assigned to groups enabling different levels of partial arming/disarming in each partition. Alarm system programming can be done through any keypad or remotely using a virtual keypad as described below.

EntraPass puts control in the user's hands.

2 The User Experience

Alarm events can be combined into one easy-to-use graphical user interface. EntraPass uses a virtual alarm keypad which makes it easy for you to arm and disarm the alarm panel and to configure it in the same way as if it were an actual physical keypad. All controlled from the EntraPass desktop. You can use the mouse to click on any buttons on the virtual keypad as if you were using a standard keypad. You can also use the computer keyboard to simulate pressing keypad buttons. The virtual keypad is easy to install and does not require any special alarm panel settings.

The access control and alarm panels share data that is recorded on the EntraPass system. This makes it is easy to link alarm events such as "motion in alarm" with the access control system.

Enabling, arming, disarming, programming, viewing... one card does it all.

3 Monitor, Investigate and Report

Not only do the access panels and intrusion alarm panels talk to each other, the events can be seen on live interactive floor plans on the EntraPass desktop. Access and intrusion events can be set to trigger visual and audible indication in real-time. These triggers will provide information such as cardholder name/photo, alarm status and the type of event (e.g. window open). See who is arming and disarming the alarm system and make sure that they are authorized to do so.

A built-in report generator allows users to apply filters such as door name, cardholder, time, and event type. Reports can be either manually or automatically generated and can be sent via e-mail to an administrator to view on their desktop or on a mobile device.

Information delivered when it's needed, how it's needed.

4 Identification/Authentication

Now that we have control, let's talk about enhanced capability within the security solution. Real-time monitoring capability is a response to the growing importance of video in access control systems. Integration with American Dynamics HDVR, VideoEdge NVR*, ADTVR Series and Intellex Digital Video Management Systems provides real-time video monitoring as well as video playback. Access control alarms such as "door forced open" can be attached to the associated video for quick playback. Recorded video of up to 16 cameras can be simultaneously viewed on American Dynamics recorders. Presets, sequences, dome control and 1x1, 2x2, 3x3, and 4x4 views are available through the EntraPass software. Cameras can be called up directly from a floor plan simply by double-clicking on the camera or dome icon. Operators can configure viewing parameters for digital video applications through an EntraPass user interface.

An optional EntraPass Video Vault (archive management system) offers an easy way to preserve, manage and easily retrieve video contents. Video Vault enables all video clips from an American Dynamics DVR alarm or an EntraPass video alarm to be automatically stored and password protected. A thumbnail image may be created on the first frame of the video clip to make it easier to find.

Video gives the 'who' to go along with the 'what', 'when' and 'where'.

5 Combining Security and Communications

Apartment, condominium and office buildings are just a few of the applications where a combination of 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 registration, tracking and reporting. A simplified version of the EntraPass software is included and allows for fast configuration and firmware updates, live transaction monitoring, detailed event logs and system backup. The KTES uses a touch tone phone style keypad that offers both familiarity and ease of use. Two-way audio is built-in and video verification can be integrated to enhance the solution.

Manage the flow of traffic in, around and through the premises with KTES.

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* VideoEdge NVR integration and double/triple card swipe alarm arming

features are available with EntraPass v5.01 and higher

