

Benefits of Integrating with DSC PowerSeries Intrusion Panel

This document explains the benefits of integrating a DSC PowerSeries 1616, 1832 or 1864 intrusion panel to a Kantech KT-400 Controller or to a Corporate gateway or to EntraPass Special Edition.

Intrusion Panel integration Through EntraPass

Requirements:

- EntraPass Special Edition, Corporate Edition or EntraPass Global Edition (version 4.03 and above) installed.
- If using EntraPass Global Edition, a Corporate gateway or Global gateway with a dual gateway feature.
- DSC PowerSeries™ alarm panel and an IT-100 module.
- RS-232 cable with 740-1047 and 740-1026 adapters (CBLK-IT100).
- Serial port on EntraPass gateway computer.

The DSC PowerSeries intrusion panel can be connected directly to the Corporate gateway's computer serial port using a DSC IT-100 module (for more information about the connections with the DSC IT-100 module, refer to last page). The integration allows for:

- **Receiving programming of the intrusion system.** The partition and zone names can be uploaded to the EntraPass Software from the intrusion panel. The partitions and zones can be used for various actions such as operator operations. In addition the user codes can be uploaded from intrusion panel and stored in the EntraPass Software. The EntraPass operator can program and download to the intrusion panel new user codes or modify existing ones.
- **Receiving events from the intrusion panel.** The intrusion panel events can be viewed on the Message list and also can be used for reporting in conjunction with the standard access events. Furthermore, these intrusion events can be used to trigger video recordings, pop-up alarms, email notifications and other actions.
- **Manual operations from EntraPass.** The operator can perform manual operations on partitions from the EntraPass software, operations such as: Partition arm away, partition arm stay, partition arm no entry delay, partition arm with code and disarm partition with code.
- **Using intrusion components on graphics.** The uploaded zones and partitions can be used in graphic floor plans to visualize where each zones, partitions and traditional access control components are on the floor plan. The operator can view the status of each of the components and perform operations on partitions.
- **Viewing and using a virtual keypad.** The operator can, from the EntraPass software, bring a fully functional virtual DSC keypad. With the use of the computer keyboard or mouse, the operator can perform on the virtual keypad any action a DSC PK5500 physical keypad can perform.

Intrusion Panel Integration Through a KT-400

Requirements:

- EntraPass Special Edition, Corporate Edition or EntraPass Global Edition (version 4.03 and above) installed.

- If using EntraPass Global Edition, a Corporate gateway or Global Gateway with a dual gateway feature.
- DSC PowerSeries™ alarm panel and an IT-100 module.
- Door contact connected on KT-400.
- Arming Input and reader or reader/keypad.
- RS-232 cable with a 740-1047 adapter (CBLK-IT100).
- KT-400 Firmware 1.02 and above.

The DSC PowerSeries intrusion panel can be connected directly to the KT-400 using a DSC IT-100 module (for more information about the connections with the DSC IT-100 module, refer to last page). The integration allows for:

- **Receiving programming of the intrusion system.** The partition and zone names can be uploaded to the EntraPass Software from the intrusion panel. The partitions and zones can be used for various actions such as operator operations. In addition the user codes can be uploaded from intrusion panel and stored in the EntraPass Software. The EntraPass operator can program and download to the intrusion panel new user codes or modify existing ones.
- **Receiving events from the intrusion panel.** The intrusion panel events can be viewed on the Message list and used for reporting in conjunction with the standard access events. Furthermore, these intrusion events can be used to trigger video recordings, pop-up alarms, email notifications and other actions.
- **Manual operations from EntraPass.** The operator can perform manual operations on partitions from the EntraPass software, operations such as: Partition arm away, partition arm stay, partition arm no entry delay, partition arm with code and disarm partition with code.
- **Using intrusion components on graphics.** The uploaded zones and partitions can be used in graphic floor plans to visualize where each zones, partitions and traditional access control components are on the floor plan. The operator can view the status of each of the components and perform operations on partitions.
- **Viewing and using a virtual keypad.** The operator can, from the EntraPass software, bring a fully functional virtual DSC keypad. With the use of the computer keyboard or mouse, the operator can perform on the virtual keypad any action a DSC PK5500 physical keypad can perform.
- **Arm and disarm partitions.** The intrusion panel partition can be linked to a reader or readers to request an arming and disarming of the partition via a card. When a card holder presents his card and pushes the appropriate button on the reader, the KT-400 will send an arming request to the intrusion panel. When a card holder presents his card and opens the doors, the KT-400 will send a disarming request to the intrusion panel. The EntraPass software supports single partition management per reader or multiple partition management per reader.

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