CEM SYSTEMS
From Tyco Security Products

AC2000 DSC PowerSeries Interface
Intrusion Detection System

Features that make a difference:

- Seamless integration of AC2000 access control system and DSC intruder system

- High level Bi-directional integration of DSC intruder panels

- Multiple panels supported

- Integrated virtual DSC keypad used to remotely arm/disarm DSC panels and alarms

- DSC panels and sensor locations represented on AED Maps

- DSC intruder alarms reported instantly on AC2000 AED (Alarm and Event Display) application for central monitoring

- DSC intruder alarms included into AC2000 alarm reports

- Ethernet and Serial networks supported

- Intuitive setup and configuration tool

The AC2000 DSC PowerSeries intruder interface enables alarms from DSC intruder detection system (IDS) to be fully integrated with the AC2000 security management system. This enables AC2000 to act as the central Security Management System (SMS).

The AC2000 DSC PowerSeries interface enables inputs from intruder panels to be placed as icons on the AC2000 AED (Alarm and Event Display) application. This provides, on a single screen, a graphical representation of the physical layout of intruder sensors and allows for central alarm monitoring of both access control and intruder alarms.

Using the AC2000 DSC PowerSeries interface and the central AC2000 AED graphical maps, system operators can quickly identify an intruder alarm and its exact location on site. This allows for a fast response time and a centralised and integrated viewpoint of both security systems.

Combined with CCTV integration, intruder alarms can be used to enable video images to be recorded on a compatible video management system. The IDS alarms can also be forwarded to other 3rd party monitoring systems such as Building Management System (BMS) for example.

Virtual Keypad
AC2000 DSC PowerSeries interface also features a virtual DSC keypad application. This provides the same function as the real key pad, without needing to attend the actual keypad location. The virtual keypad is used by a workstation operator to Arm/Disarm intruder panels remotely from the AC2000 system. Using the virtual keypad, intruder panels can be reset, navigated and emergency keys activated remotely.

Ease of Configuration
A simple alarm panel configuration application allows the integration of DSC intruder panel devices within the AC2000 system. Using this intuitive software interface, system administrators give the intruder panel a name, select the number of associated zones, state the starting address and add each panel to the system in groups of 8, 16, 32 or 64 inputs. The alarm panel configuration software simplifies the configuration of larger intruder panel systems by automatically creating and addressing entries in the AC2000 devices table thereby greatly reducing the amount of data the operator must enter.

Central monitoring & control of intruder/access control alarms
Alarms from DSC PowerSeries intruder panels are sent to the AC2000 system over Ethernet using

an ECM (Ethernet Communication Module) or directly over RS232. Intruder alarms are then extracted and mapped to AC2000 system alarms which are sent to the AC2000 AED application.   Alarm icons representing sensor locations can be placed on to AED graphical maps alongside access control readers and camera locations. Alarms are received, processed and reported on the AC2000 AED application for central management by security personnel. AC2000 AED can also show any errors or troubles with the DSC alarm panels, for example low battery. All AC2000 alarm and integrated IDS alarms can be includeed in AC2000 reports.

Alarm Panel Configuration
The AC2000 DSC PowerSeries interface also accepts alarm information from the alarm panels over a serial network. The CEM Ethernet Control Module (Serial to Ethernet convertor) is recommended for an Ethernet/Serial signal interface. A direct serial link from a RS232 communications port per panel on the central controller is also supported.

Integrated DSC Virtual keypad
The virtual software keypad can be used to arm/disarm and/or remotely acknowledge/cancel intruder panel alarms.

The virtual keypad can also be used to generate emergency alarms such as sounding the fire alarm, triggering panic alarms and activating sounders. Designed as a user friendly tool, the virtual keypad conveniently has the same functions, navigations and emergency keys as the physical DSC PowerSeries keypads.

Requirements
- AC2000 AE v6.6 software & upwards
- AC2000 SE v6.6 software & upwards
- AC2000 Lite v6.6 software & upwards
- ECM (Ethernet Communications Module)
- DSC PowerSeries IT-100 module
- Tibbo DS Manager software (Ethernet connection only)

Ordering Information

Product Code	Description
SWINT-DSC	AC2000 DSC PowerSeries Interface

Related Products

AC2000 SE   AC2000 AE   AC2000 Lite

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