

Cardax Integration

The IndigoVision Cardax Binding Module allows events and alarms from Cardax FT systems to be forwarded into IndigoVision IP Video and Alarm Management systems. In addition, events and alarms from IndigoVision systems can be fed back into Cardax systems. This creates a tightly integrated access control and CCTV system.

With the IndigoVision Cardax Binding Module, any Cardax events can trigger a wide range of actions within the IndigoVision system. This includes starting recordings on an IndigoVision Network Video Recorder, displaying live video from cameras on monitors and IndigoVision Control Center viewing panes, moving PTZ cameras to specific locations or sending notification emails. All Cardax events appear within the IndigoVision Alarm Log and can, for example, be viewed when playing back recordings in Control Center.

The IndigoVision Cardax Binding Module is compatible with any version of Cardax FT with the Cardax FT OPC Bridge interface. The IndigoVision Cardax Binding Module is installed on the same machine as the Cardax FT OPC Bridge. Powerful and flexible configuration is carried out through simple text files and the OPC Bridge configuration utility.

In conjunction with the Cardax FT OPC Bridge, the IndigoVision Cardax Binding Module integrates and is compatible with the following Cardax FT applications and hardware:

- Cardax FT Command Center
- Controller 3000 range
- Controller 5000GL
- Prox Readers
- Prox Plus Readers
- Intelligent Door Terminal
- 125 Series Readers
- Mifare Series Readers



IndigoVision

IP Video and Alarm Management
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True Integration

Cardax: Specification & Requirements

Cardax System Software Requirements:

Cardax FT Command Centre Server version
EL5.02.055 or later.
Cardax FT OPC Bridge V1.0.0 or later

IndigoVision System Software Requirements:

IndigoVision Cardax Binding Module v1.0.0 or later

Binding Server Specification:

PC requirements for Cardax FT Command Centre vary depending on the size of the access control system and the database software being used. Refer to Cardax FT Command Centre documentation for advice on machine specifications.

The IndigoVision Cardax Binding Module runs on the same PC as Cardax FT Command Centre. There are no extra requirements on the specification of the PC due to the IndigoVision software.

Supported Operating Systems for Cardax and IndigoVision software are:

- Microsoft Windows Server 2003
- Microsoft Windows XP Professional

Cardax Events and IndigoVision Actions Supported:

The IndigoVision Cardax Binding Module is written in a general way so that it can easily be configured to recognise any Cardax FT events. Examples of Cardax FT events supported are:

- Access Denied
- Access Zone State Change
- Alarm Acknowledgement
- Intercom system event
- Duress event
- Door open too long
- Door status
- Operator event
- Card Event
- Card Error
- Card Trace
- Security breach
- Tamper
- Tamper Returned To Normal
- Wrong PIN

Any of the above events can trigger any of the following actions within the IndigoVision IP Video system:

- PTZ Camera moves to Preset
- Video from one or more cameras displayed on operator's PC
- Notification email sent
- Video from any camera displayed on an analog monitor
- Recording of any camera started
- CCTV site map pops up with event source highlighted
- Two way audio connection established so operator can listen and talk to the source of the event
- Relay triggered action initiated e.g. door opens or lights turn on