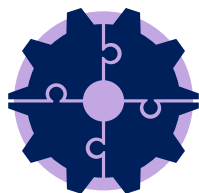




INTEGRATIONS PRODUCT CATALOGUE



Together is better.



IndigoVision

INNOVATION THAT MAKES YOU SAFE

Contents

Overview

<input type="checkbox"/> Integrate - For a truly open solution	1
<input type="checkbox"/> Icon Introduction	1
<input type="checkbox"/> Integration Module Matrix	2

Access Control

<input type="checkbox"/> AMAG Symmetry	4
<input type="checkbox"/> Gallagher	6
<input type="checkbox"/> Honeywell Pro-Watch (enabled via Microsoft SQL Integration Module)	8
<input type="checkbox"/> Honeywell Galaxy	10
<input type="checkbox"/> Lenel Facility Commander Wnx	12
<input type="checkbox"/> Lenel OnGuard	14
<input type="checkbox"/> MASC Solutions	16
<input type="checkbox"/> MAXxess	18
<input type="checkbox"/> Nedap AEOS	20
<input type="checkbox"/> PAC	22
<input type="checkbox"/> Paxton	24
<input type="checkbox"/> S2 Security	26
<input type="checkbox"/> Software House C•CURE 9000	28
<input type="checkbox"/> TDSi EXgarde	30

Alarm Systems

<input type="checkbox"/> Emizon	32
---------------------------------	----

Communication Systems

<input type="checkbox"/> Commend	34
<input type="checkbox"/> GAI-Tronics	36

Building Management

<input type="checkbox"/> Schneider Electric (enabled via OPC Integration Module)	38
--	----

Electronic Point of Sale

<input type="checkbox"/> InfoGenesis	40
--------------------------------------	----

Facial Recognition

<input type="checkbox"/> AnyVision	42
------------------------------------	----

Fire Systems

<input type="checkbox"/> Minerva	44
----------------------------------	----

Perimeter Detection

<input type="checkbox"/> Geoquip	46
<input type="checkbox"/> Senstar	48
<input type="checkbox"/> Southwest Microwave	50

Open Interfaces

<input type="checkbox"/> Microsoft SQL Server	52
<input type="checkbox"/> OPC	54

Integration & Icon Introductions

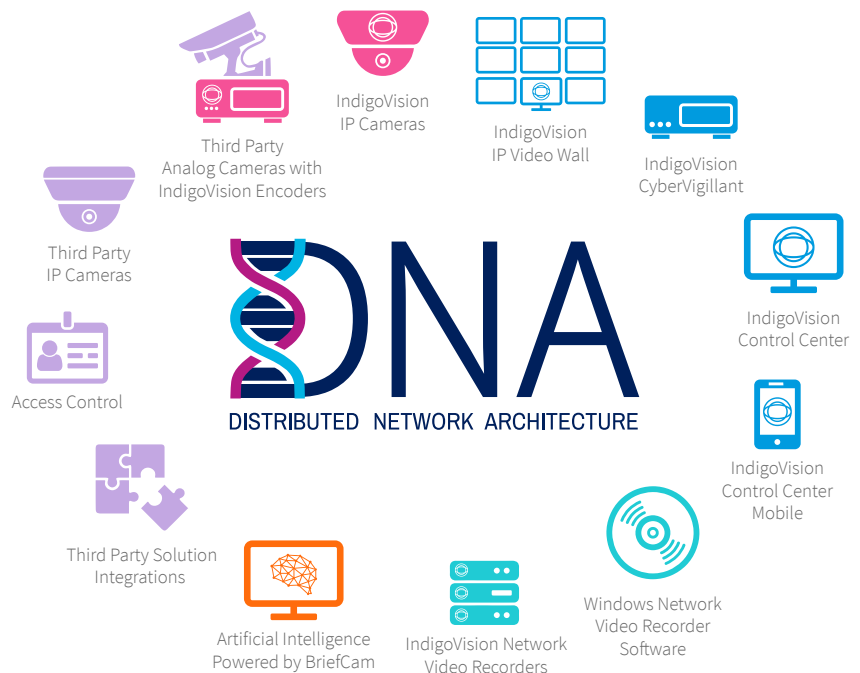
Integrate - For a truly open solution

Together is better.

Video Surveillance, Access Control, Perimeter Detection, Alarm Systems, Help Points: all these applications are designed to keep you safe. But they are all stand-alone, different systems speaking different languages. That means they can't talk to each other. And you have to talk a lot of different language to each of them. If they were people you would need a professor of linguistics to communicate with all of them. And that's not safe.

With IndigoVision you get a single application that speaks to and controls all the others. It's our "stand-together" model of communication, where everything talks to each other in one language: ours.

Our linguistic experts are called Integration Modules. They act as translators so the various surveillance applications can speak to you and you can speak to them. They convert all the applications, puts them into a single application - Control Center. Control Center then makes the information smart and actionable. It clears your desk as it clears your mind. Forget the myriad of monitors. Everything is on the screens of Control Center.



Icon Introduction

Choosing the product that is right for you can be a complex task, especially when faced with such a large range of products and so many different features.

We have made this easier with our simple user-friendly icons. Each icon represents a feature or benefit, so all you need to do is pick the icons you are interested in and look out for them in the datasheets.



Alarm Integration into Control Center

Events and alarms from a third party system are forwarded into Control Center.



Acknowledgement of Alarms from a Third Party System from within Control Center

One-click acknowledgement. An alarm is acknowledged in Control Center and the corresponding alarm is also automatically acknowledged in the third party system interface.



Manually Control Actions within the Third Party System - Directly from Control Center

Specific actions in the third party system are directly controlled from within Control Center, such as triggering a gate release mechanism.



Alarm Integration into Third Party Systems

Events and alarms from Control Center are forwarded into a third party system.



Acknowledgement of IndigoVision Alarms from within a Third Party System Interface

One-click acknowledgement. An alarm is acknowledged in a third party system interface and the corresponding alarm is also automatically acknowledged in Control Center.



Video Integration into Third Party Systems

Video streams (live and recorded video) from an IndigoVision system can be displayed embedded in the third party user interface.



Integrate Data Streams from Third Party Systems into Control Center

Continuous streams of data such as detected license plates or POS transaction data can now be managed within Control Center. Filter and search through sets of data for an easy side by side review of relevant data entries and their associated video recordings.



IndigoVision

Integration Module Matrix

IndigoVision's Integration Modules integrate third party systems such as access control and intruder detection systems with Control Center, IndigoVision's complete suite of management software. The modules allow a flow of events between IndigoVision and the external system in a totally seamless fashion to deliver a fully integrated security solution. Third party events can trigger a wide range of actions within the IndigoVision system including starting recordings, displaying live video, moving PTZ cameras and sending notification emails. Some third party systems can also receive events from IndigoVision.

	CONTROL CENTER ACTING AS FRONT END			THIRD PARTY SYSTEM ACTING AS FRONT END		
Access Control						
	X	X		X	X	
	X			X	X	X
Honeywell Pro-Watch	X					
Honeywell Galaxy	X		X			
 Facility Commander™ Wnx	X	X		X	X	
 OnGuard®	X		X	X		
	X			X		
	X	X	X			
	X		X			
	X					
	X	X	X			
	X					
 C-CURE 9000	X			X		X
	X	X				



IndigoVision

Integration Module Matrix

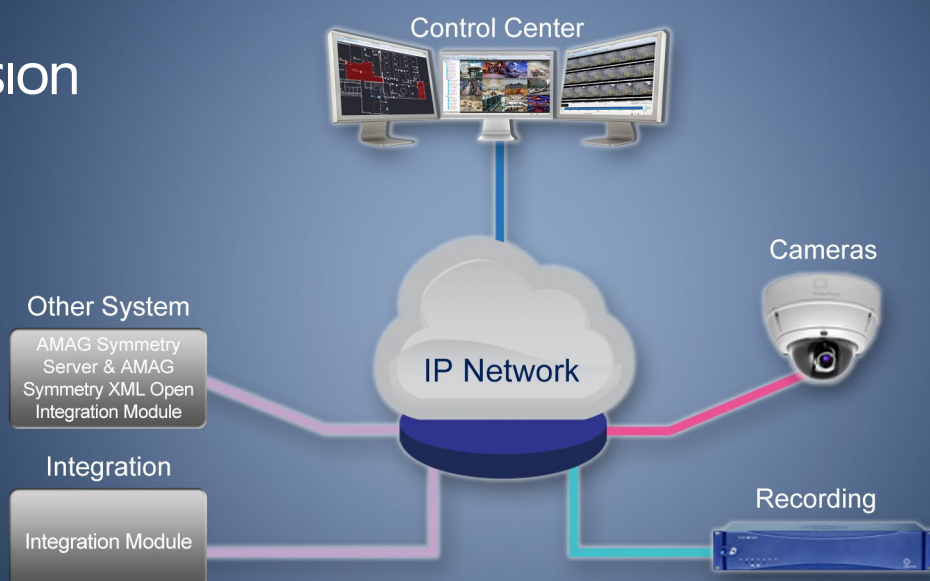
	CONTROL CENTER ACTING AS FRONT END			
Alarm Systems				
	X		X	
Building Management				
	X			
Communication Systems				
	X			
	X			
Electronic Point of Sale				
	X			X
Facial Recognition				
	X (Data Records Only)			
Fire Systems				
	X			
Perimeter Detection				
	X			
	X			
	X		X	

	CONTROL CENTER ACTING AS FRONT END			THIRD PARTY SYSTEM ACTING AS FRONT END		
Open Interfaces						
	X					
System Integrations tested with Control Center - Honeywell: Pro-Watch v3.7						
	X			X	X	
System Integrations tested with Control Center - Schneider Electric: Andover Continuum						



IndigoVision

INTEGRATION:ACCESSCONTROL



AMAG Symmetry

The IndigoVision AMAG Symmetry Integration Module allows a bi-directional flow of events and alarms between AMAG Symmetry and IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Using IndigoVision's integration module events and alarms can be managed with one-click acknowledgements in either Control Center or AMAG Symmetry; changing the status of an alarm in one system will cause the other to synchronise automatically.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

Product Code	
AMAG Symmetry Integration Module	317927



Specifications

General Specifications	
AMAG Symmetry System Software Requirements	AMAG Symmetry 8.0.2 with AMAG Symmetry XML Open Integration Module 8.0.2 including connected licences
IndigoVision System Software Requirements	IndigoVision AMAG Symmetry Integration Module v1.0. Compatible with Control Center v11.0 or later
Event and Alarm Integration Capability	Bi-directional flow of events between Control Center and the AMAG Symmetry system.
Alarm Acknowledgement Capability	Bi-directional management of acknowledgements between Control Center and the AMAG Symmetry system. It is possible to acknowledge or clear alarms within either Control Center or AMAG Symmetry and have this automatically apply to the other system.
Integration Server Specification	<p>PC requirements for the AMAG Symmetry system may vary depending on the size of the access control system being used. Refer to AMAG Symmetry documentation for advice on machine specifications. The IndigoVision AMAG Symmetry Integration Module can run on the same PC as the AMAG Symmetry software or any other networked PC. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.</p>
Supported Products	AMAG Symmetry 8.0.2 with AMAG Symmetry XML Open Integration Module 8.0.2
Supported Operating Systems	Microsoft® Windows Server 2008 R2®, Microsoft® Windows Server 2012, Microsoft® Windows Server 2012 R2®, Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

AMAG Symmetry Events and IndigoVision Actions Supported

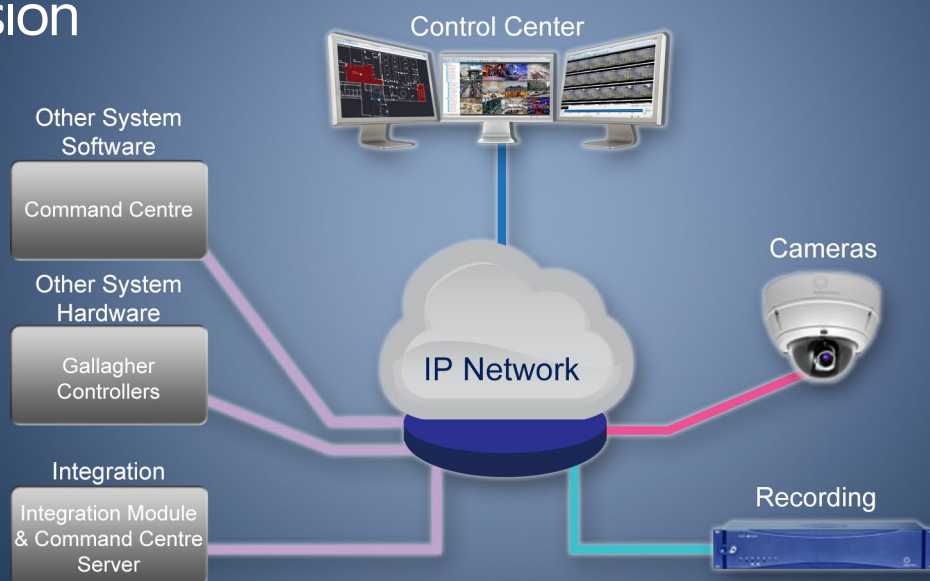
Examples of Supported Events
Analytic alarm
Access denied
Burglary
Door forced
Duress
Fire
Monitor point in alarm
Monitor point tamper alarm
Node powered down
Node tamper
Node timed out
Region offline
Server offline
Tripwire
Wrong pin
Zone in alarm
Zone in tamper

Examples of Supported Actions
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 analogue 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



IndigoVision

INTEGRATION: ACCESS CONTROL



Gallagher

Command Centre

The IndigoVision Gallagher Integration Module allows seamless two-way communication of alarms and events between the Gallagher Command Centre System (formerly Cardax) and IndigoVision's Control Center suite.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically in IndigoVision's Control Center software from any event generated in the Gallagher system - all helping to dramatically decrease operator response time.

View live and playback video from all cameras and encoders supported by IndigoVision's Control Center system and manage events or alarms with one-click acknowledgements in Gallagher's Command Centre software.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

Product Code	
Gallagher Integration Module, Software License Key*	317404

*Supported from v3.0 of the Integration Module onward



Specifications

General Specifications	
Gallagher System Software Requirements	Gallagher Command Centre v8.10
IndigoVision System Software Requirements	The IndigoVision Gallagher Integration v3.2 comes with three optional features: Tolvl Alarms, to forward events and actions from Gallagher to IndigoVision Fromlv Alarms, to forward zone and detector events from IndigoVision to Gallagher Video, to display live and recorded video from IndigoVision Control Center suite in Gallagher Command Centre Compatible with SMS4™ r2 onwards/Control Center v11.0 or later
Event and Alarm Integration Capability	Bi-directional flow of events and alarms between IndigoVision's Control Center and Gallagher's Command Centre; Control Center detector states are synchronized in the Gallagher System.
Alarm Acknowledgement Capability	Acknowledgments of alarms from within the Gallagher system are fed back into the IndigoVision system.
Video Integration Capability	Available functionality includes live video, playback video, PTZ control, camera icons on maps.
Supported Cameras	The IndigoVision Gallagher Integration supports all cameras and encoders supported by Control Center v16.0
Integration Server Specification	PC requirements for Gallagher Command Centre vary. Refer to Gallagher Command Centre documentation for advice on machine specifications. The IndigoVision Gallagher Tolvl and Fromlv Integration Modules can run on the same PC as Gallagher Command Centre or on a different networked PC. The Gallagher Video Integration Module must run on the same PC as Gallagher 'Command Centre'. There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The IndigoVision Gallagher Tolvl and Fromlv Integration Modules are licensed products. A correctly licensed USB dongle or software license key must be present on the platform running the Integration Modules. These Modules should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain Integration Modules. The Gallagher Video Integration Module does not require a license.
Supported Products	Command Centre, Controller 6000 range, Prox Readers, Prox Plus Readers, Intelligent Door Terminal, 125 Series Readers, Mifare Series Readers
Supported Operating Systems	Windows Server 2016®, Windows Server 2012 R2®, Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft Windows 10® (64-bit), Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

Gallagher Events and IndigoVision Actions Supported

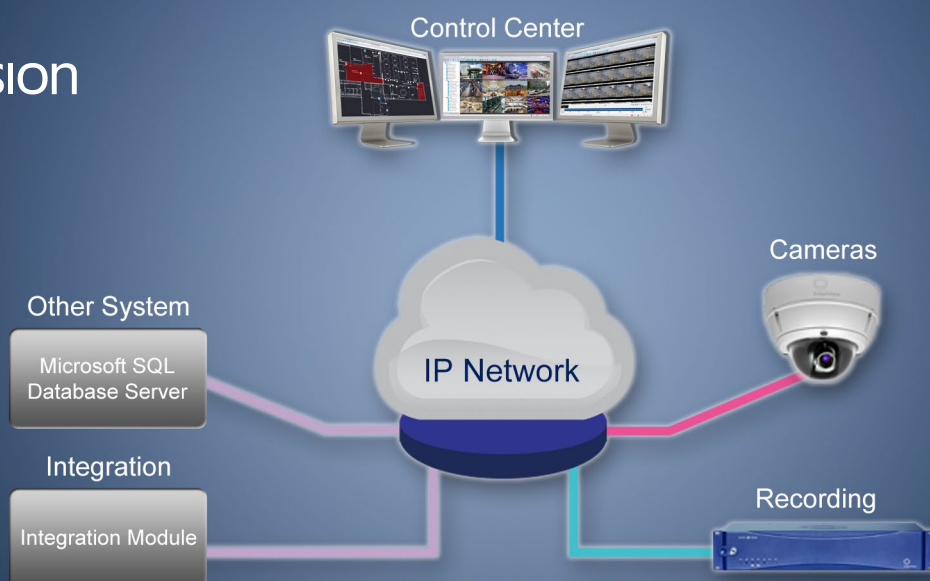
Examples of Supported Events
Access denied
Access zone state change
Intercom system event
Duress event
Door open too long
Door status
Operator event
Card event
Card error
Card trace
Security breach
Tamper
Tamper returned to normal
Wrong PIN

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
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



IndigoVision

INTEGRATION: OPEN INTERFACES



Microsoft SQL Server

The IndigoVision Microsoft SQL Server Integration allows alarms and events from any other system using a Microsoft SQL database to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Included support for database query notifications provides highly responsive alarms and actions.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Microsoft-SQL Integration Module, Software License Key*	317409
Honeywell ProWatch Integration Module, Software License Key*	317405

*Supported from v2.1 of the Integration Module onward



Specifications

General Specifications	
MS-SQL System Software Requirements	<p>Any Microsoft SQL Database Server.</p> <p>New alarms/events must be sent to the Microsoft SQL DB from the other system.</p> <p>It must be possible to create a DB trigger and execute this when new alarms/events are sent to the Microsoft SQL DB from the other system.</p> <p>It must be possible to add a new SQL table to the DB to which new alarms/events can be copied as part of the trigger.</p> <p>The IndigoVision Integration Module will read and delete alarms/events from this new table.</p> <p>Events are processed either by polling the table or using a query notification for increased efficiency.</p>
IndigoVision System Software Requirements	IndigoVision Microsoft SQL Server Integration v2.2. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from any other system using a Microsoft SQL database into Control Center.
Integration Server Specification	<p>PC requirements for the Microsoft SQL server may vary depending on the size of the control system.</p> <p>Refer to the other system documentation for advice on machine specifications.</p> <p>The Integration can run on the same PC as the Microsoft SQL Database Server or any other networked PC.</p> <p>There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The Integration is a licensed product. A correctly licensed USB dongle or software license key must be present on the platform running the Integration.</p> <p>The Integration Module should not be run on the same server as certain Integration Modules.</p>
Supported Products	Compatible with any system that uses an Microsoft SQL compatible database engine including: SQL Server 2012, SQL Server 2014, SQL Server 2016, SQL Server 2017; including support for the Express, Standard, Enterprise and Datacenter editions of each version.
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit) version 1607 or later, Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)
Integration Method	The IndigoVision Microsoft SQL Server Integration provides support for databases with query notifications enabled, providing highly responsive alarms and actions.
Tested System Integrations with Control Center	Honeywell Pro-Watch v3.7 covering the Lite, Professional, Corporate and Enterprise edition

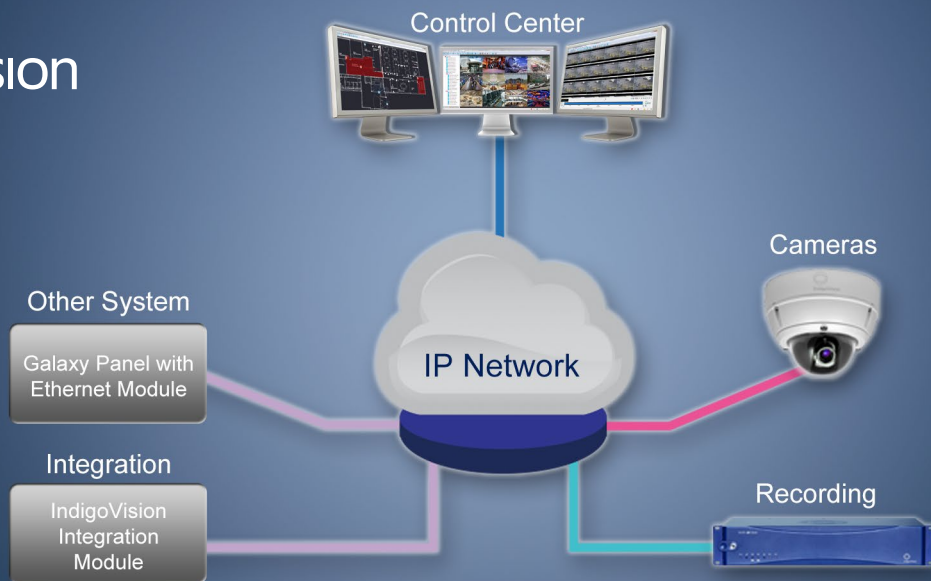
Microsoft SQL Server Events and IndigoVision Actions Supported

Examples of Supported Events
Cardholder access events
Normal entry
Fault and tamper
Burglar alarm
Holdup/Duress alarm
Intruder zone events
Fire zone events
Vibration zone events
Personal attack zone events
Time zone events

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
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



IndigoVision



Honeywell

Galaxy

The IndigoVision Honeywell Galaxy Integration Module allows alarms and events from the Honeywell Galaxy system to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - all helping to dramatically decrease operator response time.

The integration also enables users to monitor and control Honeywell Galaxy panels from within Control Center, allowing them to for example set/unset an entire alarm panel or groups of zones.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Honeywell Galaxy Integration Module, Software License Key*	317401

*Supported from v1.3 of the Integration Module onward

Specifications

General Specifications	
Honeywell Galaxy System Software Requirements	Galaxy Series 3 Panel firmware v5.0 or later, Galaxy Dimension Panel firmware v6.0 or later, Galaxy Flex 1 Panel firmware v1.0 or later, Galaxy Flex 3 Panel firmware v3.01 or later, Ethernet Module E080-2 firmware v1.0 or later, Ethernet Module A083 firmware v1.0 or later, Ethernet Module E080-04 firmware v3.0 or later.
IndigoVision System Software Requirements	IndigoVision Honeywell Galaxy Integration Module v1.3. Compatible with SMS4™ r2/Control Center version 11.0 onwards
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Honeywell Galaxy system into Control Center.
Manually Control Actions within the Third Party System	Relays in Control Center can interact with the Honeywell Galaxy alarm panel. Supported functionality includes: omit and restore individual zones, activate and deactivate relay outputs, set/unset/partset an entire alarm panel, reset an alarm panel, abort setting an alarm panel, force set an alarm panel, set/unset groups of zones.
Integration Server Specification	The IndigoVision Honeywell Galaxy Integration Module can run on any PC that has Ethernet connectivity to the Galaxy panel. The Integration Module does not have any significant CPU or memory requirements for the host PC. NOTE: The Honeywell Galaxy Integration Module is a licenced product. A correctly licenced USB dongle or software license key must be present on the platform running the Integration Module. The Honeywell Galaxy Integration Module should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain Integration Modules.
Supported Products	Galaxy 3, Galaxy 16/16+ , Galaxy 8/18/60/128/502/504/512, Galaxy Dimension Series, Galaxy Flex Series, Galaxy G2 Series. NOTE: The Galaxy G2 Series does not support manually controlled actions from within Control Center such as setting/unsetting zones or the whole panel, controlling relay outputs, etc.
Supported Operating Systems	Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft Windows 10® (64-bit), Microsoft® Windows 8/8.1® (64-bit), Microsoft® Windows 7® (64-bit)
Integration Method	The IndigoVision Honeywell Galaxy Integration Module uses ANSI/SIA DC-09-2007 to integrate with Honeywell Galaxy alarm panels and is compatible with panels fitted with a Galaxy Ethernet Module. The maximum number of supported alarm panels is 300. The Integration Module is capable of representing the state of the Galaxy panel (set/unset/part set) through detectors in Control Center.

Honeywell Galaxy Events and IndigoVision Actions Supported

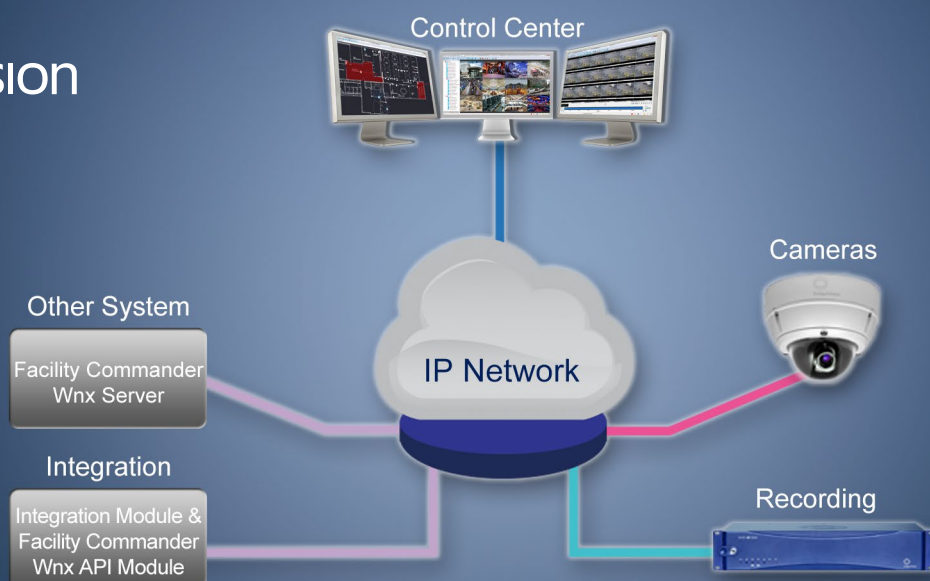
Examples of Supported Events
Cardholder access events
Normal entry
Fault and tamper
Burglar alarm
Holdup/Duress alarm
Intruder zone events
Fire zone events
Vibration zone events
Personal attack zone events
Time zone events
Manager reset
Engineer reset
PIN change

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
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



IndigoVision

INTEGRATION:ACCESSCONTROL



Lenel

Facility Commander

The IndigoVision Facility Commander Integration Module allows a bi-directional flow of events and alarms between Facility Commander Wnx and IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Using IndigoVision's integration module events and alarms can be managed with one-click acknowledgements in either Control Center or Facility Commander; changing the status of an alarm in one system will cause the other to synchronise automatically.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

	Product Code
Facility Commander Integration Module	317903
Facility Commander Integration: Up to 5 modules network dongle	317960
Facility Commander Integration: Up to 10 modules network dongle	317961
Facility Commander Integration: Up to 20 modules network dongle	317962

Facility Commander™ Wnx

Specifications

General Specifications	
Facility Commander Wnx System Software Requirements	Any Facility Commander system presenting the Facility Commander Wnx API. Facility Commander Wnx Professional, Enterprise or Global Edition, v.7.7. A Facility Commander API Connectivity Licence is also required.
IndigoVision System Software Requirements	IndigoVision Facility Commander Integration Module v2.0 Compatible with Control Center v11.0 or later
Event and Alarm Integration Capability	Bi-directional flow of events between Control Center and the Facility Commander system.
Alarm Acknowledgement Capability	Bi-directional management of acknowledgements between Control Center and the Facility Commander system. It is possible to acknowledge or clear alarms within either Control Center or Facility Commander and have this automatically apply to the other system
Integration Server Specification	<p>PC requirements for the Facility Commander system may vary depending on the size of the access control system being used. Refer to Facility Commander documentation for advice on machine specifications.</p> <p>The IndigoVision Facility Commander Integration Module can run on the same PC as the Facility Commander software or any other networked PC. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.</p>
Supported Products	Facility Commander Wnx Professional, Enterprise and Global
Supported Operating Systems	Microsoft® Windows Server 2008 R2®, Microsoft® Windows 7® (64-bit)

Facility Commander Wnx Events and IndigoVision Actions Supported

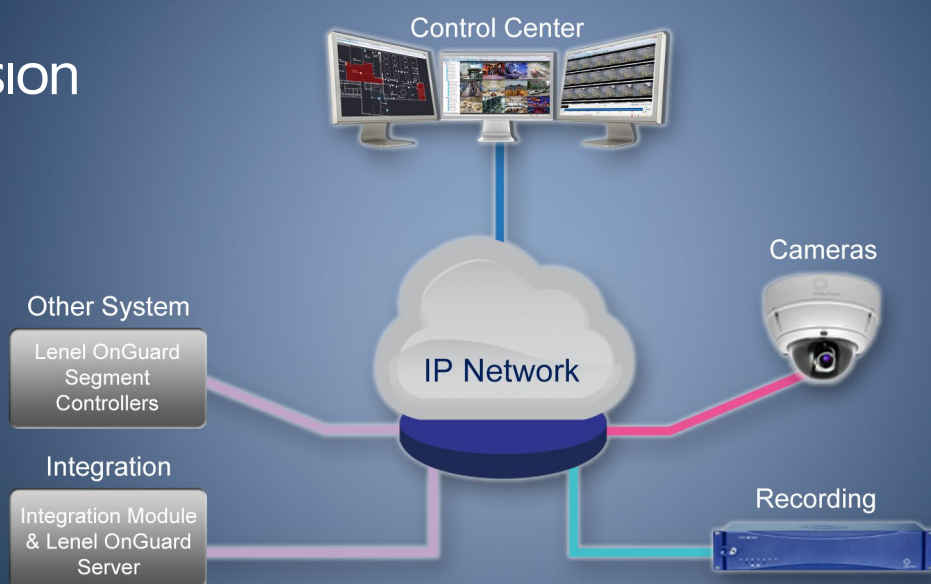
Examples of Supported Events
Digital inputs
Zone events
Access zone state change
Duress event
Door open to long
Door status
Operator event
Badge event
Badge error
Badge trace
Tamper
Wrong PIN

Examples of Supported Actions
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 analogue 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



IndigoVision

INTEGRATION: ACCESS CONTROL



Lenel
OnGuard

The IndigoVision Lenel OnGuard Integration Module allows a bi-directional flow of events and alarms between Lenel's OnGuard system and IndigoVision's video security solution.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically in IndigoVision's Control Center software from events generated in the Lenel OnGuard system - dramatically improving operator response time.

Using IndigoVision's Control Center software, actions in the Lenel OnGuard system can also be executed through the 'Output Actions' commands; e.g. locking/unlocking doors, signing out visitors etc.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

Product Code	
Lenel OnGuard Integration Module, Software License Key*	317400

*supported from v2.2 of the Integration Module.



Specifications

General Specifications	
Lenel System Software Requirements	Lenel OnGuard 7.5 or 7.4. Lenel DataConduIT (OpenIT) v5.12 or later license
IndigoVision System Software Requirements	IndigoVision Lenel OnGuard Integration Module v2.3. Compatible with SMS4™ r2 onwards/Control Center v11.0 or later
Event and Alarm Integration Capability	Bi-directional flow of events and alarms between Control Center and the Lenel OnGuard system.
Manually Control Actions within the Third Party System	Set relays in Control Center can create specific events in the Lenel OnGuard system such as turning the alarm status of a reader on or off or changing the access state of a door from i.e. locked or unlocked.
Integration Server Specification	PC requirements for Lenel OnGuard vary depending on the size of the access control system and the database software being used. Refer to Lenel OnGuard documentation for advice on machine specifications. The IndigoVision Lenel OnGuard Integration Module may run on the same PC as Lenel OnGuard or on a separate PC. There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The Integration Module is a licensed product. A correctly licensed USB dongle or software license key must be present on the platform running the Integration Module. The Integration Module should not be run on the same server as certain Integration Modules.
Supported Products	Area Access Manager, Biometrics and Smart Cards, ID CredentialCenter, Fire and Intrusion, Visitor
Certifications	IndigoVision is a member of the Lenel OpenAccess Alliance Program. The IndigoVision Lenel OnGuard Integration Module is certified by Lenel to allow integration between Control Center and OnGuard 7.5 or 7.4.
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit), Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

Lenel OnGuard Events and IndigoVision Actions Supported

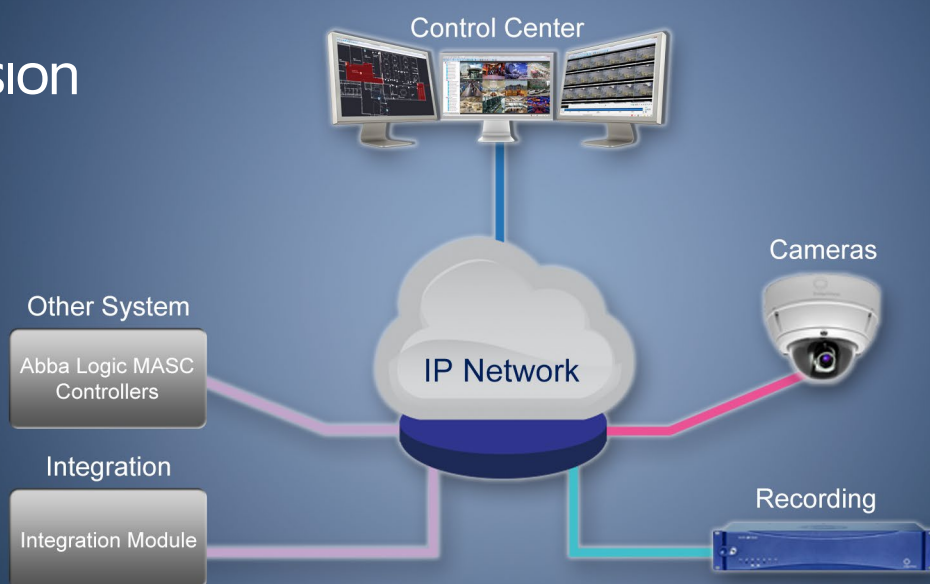
Examples of Supported Events
Access granted
Invalid access level
Door forced open
Cabinet tamper active
Cabinet tamper restored
Anti-passback violation
Access zone shunt
Intercom system event
Door held open
Operator event
Card event
Card error
Security breach
Tamper
Wrong PIN
Input masked
Activate output

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
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



IndigoVision

INTEGRATION:ACCESSCONTROL



MASC

The IndigoVision MASC Integration Module allows a bi-directional flow of events and alarms between the Abba Logic MASC system and IndigoVision's video security solution.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

Product Code	
MASC Integration Module	317917



Specifications

General Specifications	
MASC System Software Requirements	The MASC Integration Module is compatible with Abba Logic MASC v3.8, v3.8.73, v3.8.65, v3.8.53 & v3.9.47
IndigoVision System Software Requirements	IndigoVision MASC Integration Module v2.0. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Bi-directional flow of events and alarms between Control Center and the MASC system.
Integration Server Specification	<p>PC requirements for the Abba Logic MASC software may vary depending on the size of the control system. Refer to the other system documentation for advice on machine specifications.</p> <p>The MASC Integration Module can run on the same PC as the other software. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module.</p> <p>The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.</p>
Supported Products	MASC systems including: CCTV, Intercom, Lighting Control, Perimeter Systems, Fire/Burglary Hardware Drivers, Emergency Response
Supported Operating Systems	Microsoft® Windows Server 2003®, Microsoft® Windows XP Professional®
Integration Method	The IndigoVision MASC Integration Module is based upon the MASC card event, point and virtual point interface.

MASC Events and IndigoVision Actions Supported

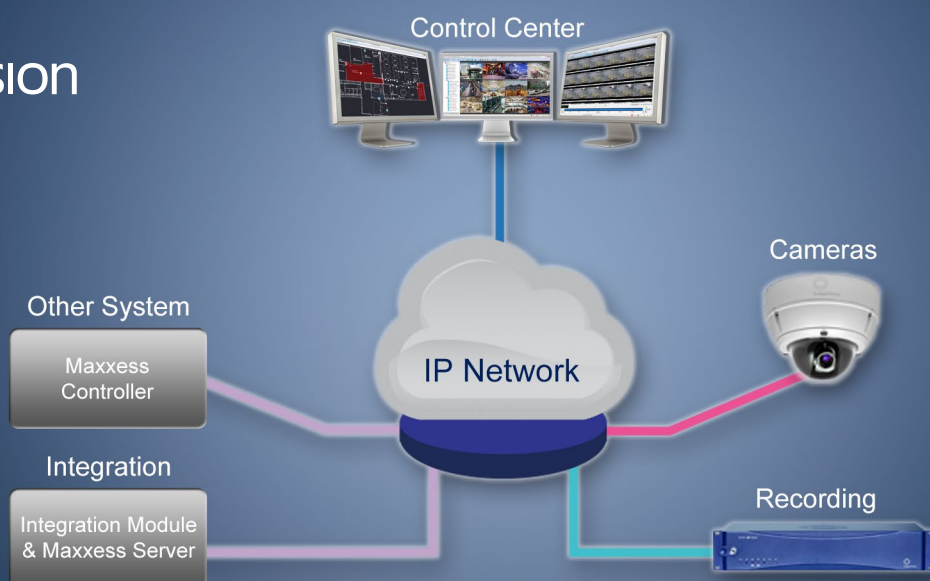
Examples of Supported Events
Two man violation
Passback violation
Duress
Any point can be monitored for a state change
Any virtual point can be monitored for a state change

Examples of Supported Actions
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 analogue 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



IndigoVision

INTEGRATION: ACCESS CONTROL



Maxxess

The IndigoVision Maxxess Integration allows alarms and events from Maxxess systems to be seamlessly combined with IndigoVision's security management solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Using IndigoVision's integration module users can control doors and outputs in Maxxess from Control Center.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Maxxess Integration Module, Software License Key*	317412

* Supported from v2.0 of the Integration.

MAXXESS

Specifications

General Specifications	
Maxxess System Software Requirements	eFusion v.6.2.4
IndigoVision System Software Requirements	IndigoVision Maxxess Integration v2.0. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Maxxess system into Control Center.
Alarm Acknowledgement Capability	Maxxess alarms can be acknowledged or deleted from within the Control Center interface.
Manually Control Actions within the Third Party System	Maxxess outputs and doors can be controlled within Control Center using relays.
Integration Server Specification	<p>PC requirements for Maxxess eFusion vary depending on the size of the access control system and the database software being used. Refer to Maxxess documentation for advice on machine specifications.</p> <p>The IndigoVision Maxxess Integration may run on the same PC as Maxxess eFusion or on a separate PC. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration is a licensed product. A correctly licensed USB dongle or software license key must be present on the platform running the Integration.</p> <p>The Integration Module should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain Integration Modules.</p>
Supported Products	eFusion
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit), Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

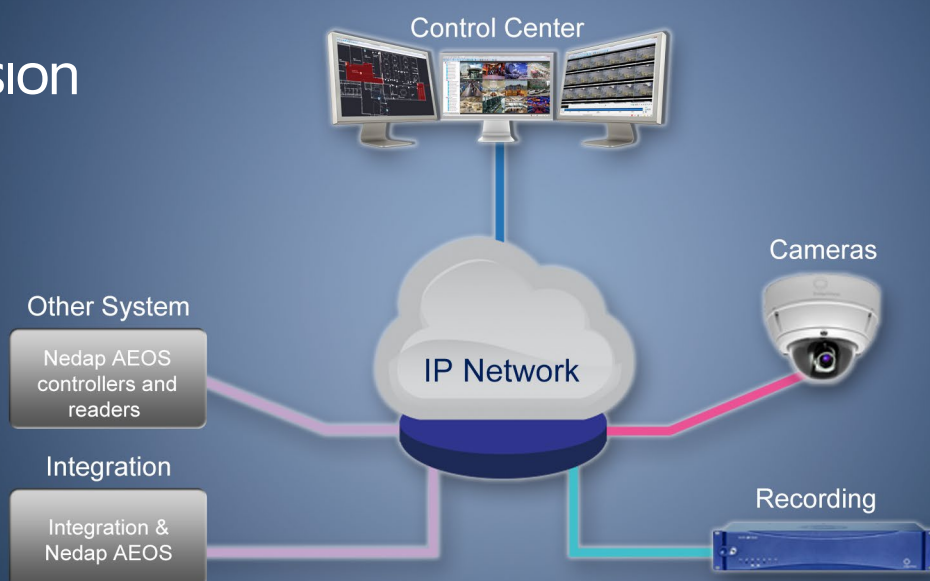
Maxxess Events and IndigoVision Actions Supported

Examples of Supported Events
Cardholder access events
Fault and tamper
Duress alarm
Door events
Output and zone events

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
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



IndigoVision



Nedap AEOS

Integration module

The IndigoVision Nedap AEOS Integration allows events from Nedap AEOS systems to be seamlessly combined with IndigoVision's security management solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time. Using IndigoVision's Control Center Software, actions in the Nedap AEOS system can also be executed; locking/unlocking doors, providing access.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Nedap AEOS Integration Module, software license key	317411



Specifications

General Specifications	
Nedap AEOS System Software Requirements	Nedap AEOS 2019.1.2
IndigoVision System Software Requirements	IndigoVision Nedap AEOS Integration v1.1. Compatible with SMS4™ r2 / Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events from Nedap AEOS into Control Center
Manually Control Actions within the Third Party System	Relay actions in Control Center can trigger specific events in the Nedap AEOS system such as providing access, locking/unlocking a door.
Integration Server Specification	<p>PC requirements for Nedap AEOS vary depending on the size of the access control system and the database software being used. Refer to Nedap AEOS documentation for advice on machine specifications.</p> <p>The IndigoVision Nedap AEOS Integration may run on the same PC as Nedap AEOS or on a separate PC. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration is a licensed product. A software license key must be present on the platform running the Integration.</p>
Supported Products	EXgarde Pro, MicroGarde®, EXcel, EXpert, MIFARE, Proximity reader, Biometric readers, Magnetic readers
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit), Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

Nedap AEOS Events and IndigoVision Actions Supported

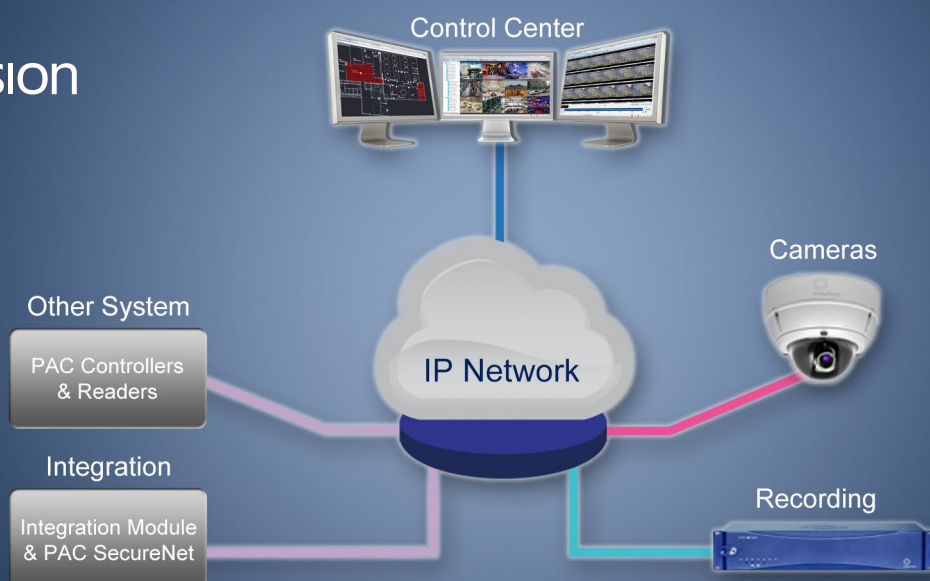
Examples of Supported Events
Direct door alarm
Door manual unlock
Badge No Access Events
Door open too long
AEpuStatusEvent unreachable

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
Recording of 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



IndigoVision

INTEGRATION: ACCESS CONTROL



PAC SecureNet

The IndigoVision PAC SecureNet Integration Module allows alarms and events from PAC systems to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings, lock/unlock doors, acknowledge SecureNet alarms, arm/disarm areas and send notification emails automatically - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
PAC Integration Module, Software License Key*	317415

* Supported from v2.0 of the Integration Module.

Specifications

General Specifications	
PAC System Software Requirements	PAC SecureNet v4.6.287 and v4.6.333, with a PAC OEM Interface License
IndigoVision System Software Requirements	IndigoVision PAC Integration SecureNet Module v2.1. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the PAC system into Control Center.
Alarm Acknowledgement Capability	PAC SecureNet alarms can be cleared from within the Control Center interface.
Integration Server Specification	<p>PC requirements for PAC SecureNet vary depending on the size of the access control system and the database software being used. Refer to PAC documentation for advice on machine specifications.</p> <p>The IndigoVision PAC SecureNet Integration Module may run on the same PC as PAC SecureNet or on a separate PC. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration Module is a licensed product. A correctly licensed USB dongle or software license key must be present on the platform running the Integration Module. The Integration Module should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain Integration Modules.</p>
Manually Control Actions within the Third Party System	Control Center operators can create specific events in the PAC SecureNet system such as changing the access state of a door from locked to unlocked or arming an area.
Supported Products	SecureNet Advanced, SecureNet Professional, PAC 500 Series Controllers, PAC Oneprox Readers, PAC Biometric Readers, PAC Smart Readers, ID Devices
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit), Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

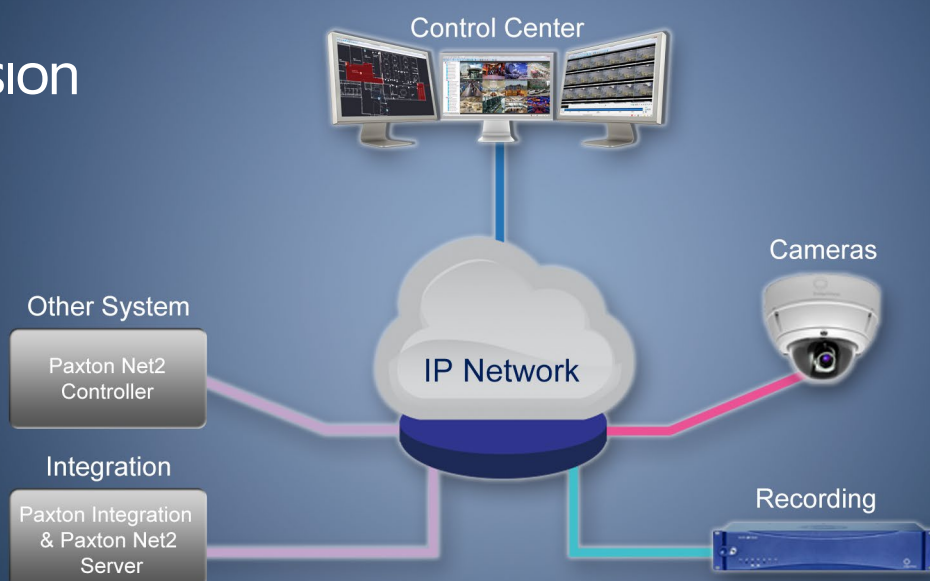
PAC Events and IndigoVision Actions Supported

Examples of Supported Events
Door/Access events
Fire alarm
Panic button
Intruder sensor
Temperature sensor
Timer events
Motion sensor

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
Recording of 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



IndigoVision



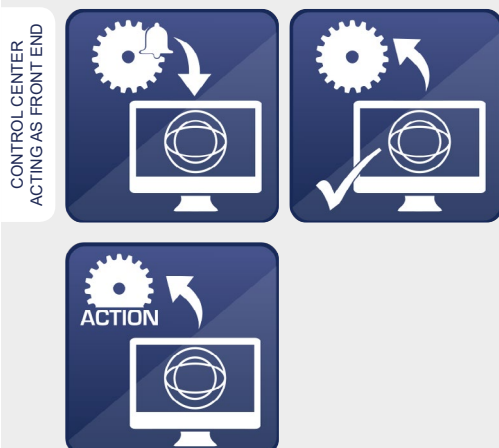
Paxton

The IndigoVision Paxton Integration allows alarms and events from Paxton Net2 systems to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Using IndigoVision's Control Center Software, actions in the Paxton system can also be executed; e.g. locking/unlocking doors, acknowledging Paxton events, silencing controllers, etc.

Key Features



Product Codes

Product Code	
Paxton Integration, Software License Key*	317419

*Supported from v2.0 of the Integration onward



Specifications

General Specifications	
Paxton System Software Requirements	Paxton Net2 Lite or Net2 Pro v6.00
IndigoVision System Software Requirements	IndigoVision Paxton Integration v2.1. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Paxton Net2 system into Control Center.
Alarm Acknowledgement Capability	Unidirectional management of acknowledgements between IndigoVision's Control Center and the Paxton system where Paxton alarms can be cleared from within the Control Center interface.
Manually Control Actions within the Third Party System	Relay actions in Control Center can trigger specific events in the Paxton system such as changing the access state of a door from locked to unlocked, silencing controllers etc.
Integration Server Specification	PC requirements for Paxton Net2 vary. Refer to Paxton Net2 documentation for advice on machine specifications. There are no extra requirements on the specification of the PC due to the IndigoVision software. The Integration Module should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain Integration Modules. NOTE: The IndigoVision Paxton Integration is a licensed product. A correctly licensed USB dongle or software license key should be present on the platform running the Integration.
Supported Products	Net2 Classic Controller, Net2 Nano Controller, Net2 Plus Controller, Net2 PaxLock
Supported Operating Systems	Windows® 7 (64-bit), Windows® 8.1 (64-bit), Windows® 10 (64-bit) version 1607 or later, Windows® Server 2008 R2, Windows® Server 2012, Windows® Server 2012 R2

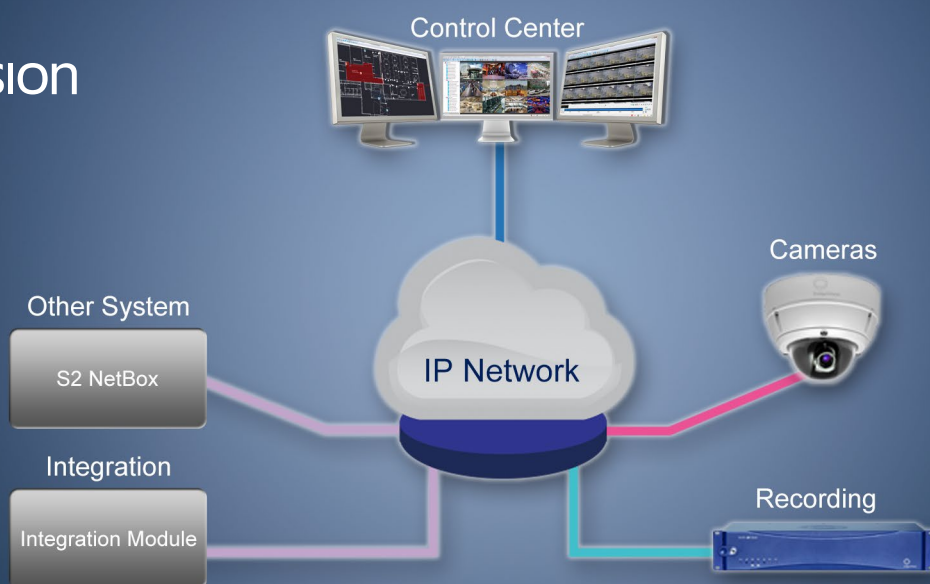
Paxton Events and IndigoVision Actions Supported

Examples of Supported Events
Door opened with exit button
Door opened with network instruction
Control unit reset
Door forced open
Door left open
Tamper
Mains fail
Card not valid/card reported as lost
ACU not responding
Operator events

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
Recording of 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



IndigoVision



S2

The IndigoVision S2 Integration Module allows alarms and events from the S2 Netbox system to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically -helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
S2 Integration Module	317924

Specifications

General Specifications	
S2 System Software Requirements	S2 NetBox and S2 Enterprise, Firmware v4.4 onwards
IndigoVision System Software Requirements	IndigoVision S2 Integration Module v1.0. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the S2 system into Control Center.
Integration Server Specification	The IndigoVision S2 Integration Module can run on any networked PC. NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle must be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.
Supported Products	S2 NetBox, S2 NetBox Extreme, S2 Enterprise
Supported Operating Systems	Microsoft® Windows Server 2008 R2® (64bit), Microsoft® Windows 7® (64bit)

S2 Events and IndigoVision Actions Supported

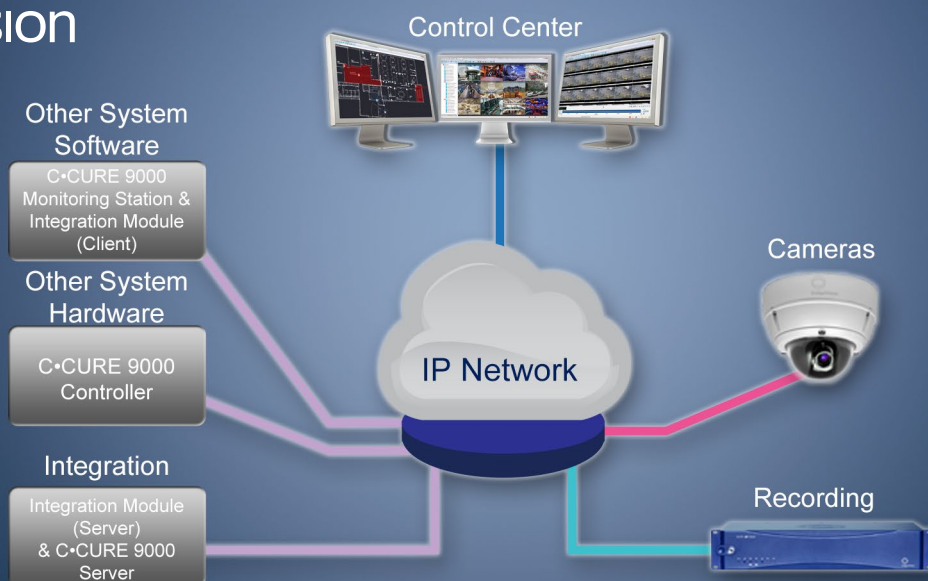
Examples of Supported Events
Access granted
Invalid access level
Door forced open
Anti-passback violation
Door open too long
Operator event
Card event
Card error
Security breach
Tamper
Wrong PIN

Examples of Supported Actions
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 analogue monitor
Recording of 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



IndigoVision

INTEGRATION: ACCESS CONTROL



Software House®

C•CURE 9000

The IndigoVision Software House C•CURE 9000 Integration Module provides a bi-directional flow of events and alarms between the C•CURE 9000 system and IndigoVision's complete suite of management software.

The integration allows any C•CURE 9000 event to trigger live video, move PTZ cameras, start recordings and send notification emails automatically in Control Center - helping to dramatically decrease operator response time.

Also, alarms, live and recorded video from the IndigoVision system can be viewed within the C•CURE 9000 interface.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

Product Code	
Software House® C•CURE 9000 Integration Module, Software License Key*	317410

*Supported from v3.3 of the Integration Module onward

SOFTWARE HOUSE
From Tyco Security Products

Specifications

General Specifications	
Software House System Software Requirements	C•CURE 9000 Standalone Software v2.60 and v.2.70 C•CURE 9000 IndigoVision License Option
IndigoVision System Software Requirements	IndigoVision Software House C•CURE 9000 Integration Module v3.4. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Bi-directional flow of events and alarms between IndigoVision Control Center and the Software House C•CURE 9000 interface; Includes zone and detector events in Control Center. Event and detector states between both systems are synchronised.
Video Integration Capability	Available functionality includes live video, playback video and PTZ Control. Specific examples of supported C•CURE 9000 video functionality: pop up live video, go to preset, video views, video tours, pop up playback video, smooth full motion reverse playback and place camera icons on map.
Supported Cameras	The Software House C•CURE 9000 video integration v3.4 supports all IndigoVision and ONVIF cameras supported by Control Center v15.0 Third party cameras integrated via the Camera Gateway and/or the VSM are supported as well
Integration Server Specification	PC requirements for C•CURE 9000 vary depending on the size of the access control system and the database software being used. Refer to C•CURE 9000 documentation for advice on machine specifications. The IndigoVision Software House Integration Module runs on the same PC as C•CURE 9000. There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The Integration Module is a licensed product. A correctly licensed USB dongle or software license key must be present on the platform running the Integration Module. The Integration Module should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain Integration Modules.
Supported Products	iSTAR eX Controller, iSTAR Pro Controller, apC/8x Alarm Management Panels, apC/L Alarm Management Panels, SimplexGrinnell® Ethernet ISC Panels, Other devices such as fire alarms, intercoms, burglar and other alarms
Certifications	IndigoVision is a member of the Tyco Security Products Connected Partner Program. The IndigoVision Software House C•CURE 9000 Integration Module is certified by Tyco to allow integration between Control Center and Software House C•CURE 9000 v2.60 and v.2.70
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit), Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

Software House C•CURE Events and IndigoVision Actions Supported

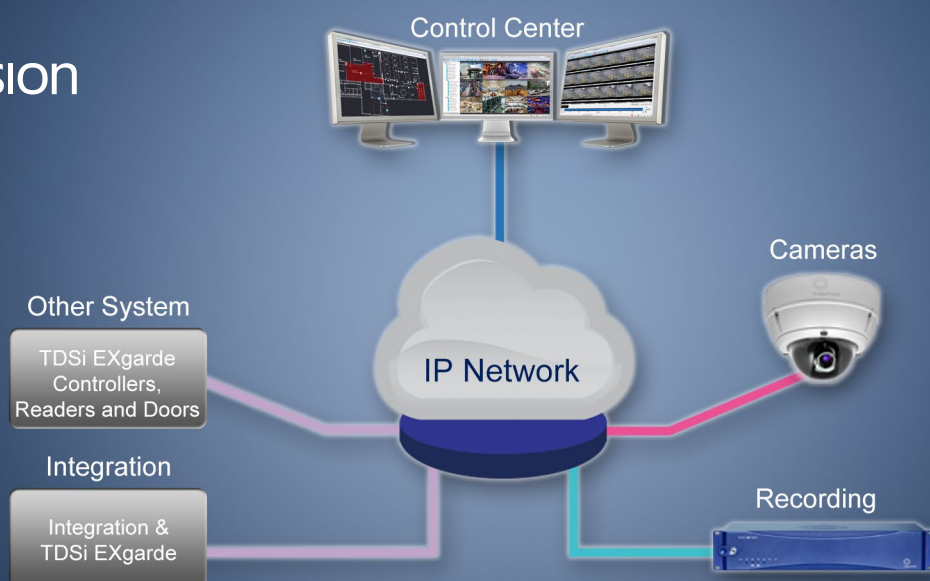
Examples of Supported Events
Event and alarm monitoring
Local/global anti-passback within a cluster
Elevator control
Muster/de-muster
Alternate and extended shunt by door
Escort management
Intrusion zones/keypad commands
Occupancy restrictions
C•CURE ID badging solution
Biometric support
Visitor management systems
Asset management and hands free access control
Cardholder access events
Advanced door monitoring
Carpool anti-passback

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
Recording of 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



IndigoVision

INTEGRATION: ACCESS CONTROL



TDSi EXgarde

Integration module

The IndigoVision TDSi EXgarde Integration allows alarms from TDSi systems to be seamlessly combined with IndigoVision's security management solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings, acknowledge TDSi EXgarde alarms, and send notification emails automatically - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
TDSi EXgarde Integration Module, software license key	317402



Specifications

General Specifications	
TDSi System Software Requirements	TDSi EXgarde Pro 4.5.2 and TDSi EXgarde SDK 4.8.0.0 with an EXgarde PRO license with Intruder Integration option (4420-2501)
IndigoVision System Software Requirements	IndigoVision TDSi EXgarde Integration v1.0. Compatible with SMS4™ r2 / Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the TDSi EXgarde into Control Center.
Alarm Acknowledgement Capability	EXgarde alarms can be acknowledged or deleted from within the Control Center interface.
Integration Server Specification	<p>PC requirements for TDSi EXgarde vary depending on the size of the access control system and the database software being used. Refer to TDSi documentation for advice on machine specifications.</p> <p>The IndigoVision TDSi EXgarde Integration may run on the same PC as TDSi EXgarde or on a separate PC. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration is a licensed product. A software license key must be present on the platform running the Integration. The Integration should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain Integration Modules.</p>
Supported Products	EXgarde Pro, MicroGarde®, EXcel, EXpert, MIFARE, Proximity reader, Biometric readers, Magnetic readers
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit), Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)

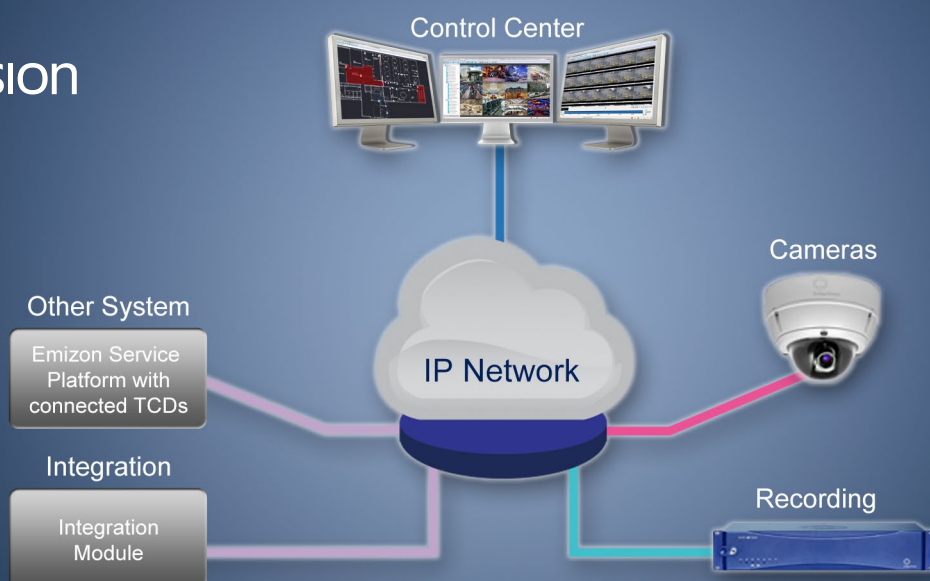
TDSi EXgarde Events and IndigoVision Actions Supported

Examples of Supported Events
Door forced
Door tamper
Incorrect PIN
No PIN
ACU Case Open
ACU Time-Out
Key not valid in ACU

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
Recording of 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



IndigoVision



Emizon

The IndigoVision Emizon Integration Module allows alarms and events from the Emizon Service Platform to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

The integration also enables users to control Emizon TCD outputs from within Control Center, allowing to control wired alarm and access control panels.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Emizon Integration Module	317928

EMiZON

Specifications

General Specifications	
Emizon System Software Requirements	Access is required to the Emizon Service Platform cloud service using two independent internet connections. No Emizon Software needs to be installed locally.
IndigoVision System Software Requirements	IndigoVision Emizon Integration Module v1.0. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Emizon system into Control Center.
Manually Control Actions within the Third Party System	Relays in Control Center can interact with Emizon TCDs. Supported functionality includes activation and deactivation of TCD outputs which can be wired to remotely control a connected Access Control or Alarm Panel.
Integration Server Specification	<p>The IndigoVision Emizon Integration Module can run on any networked PC.</p> <p>NOTE: The Integration Module is a licensed product. A correctly licensed USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licensed IndigoVision software such as the Windows NVR-AS.</p>
Supported Products	Emizon TCDs connected to the Emizon Service Platform and alarm panels which support SIA level 3 alarms when connected to an Emizon TCD.
Supported Operating Systems	Microsoft® Windows 7 (64 bit)®, Microsoft® Windows 8 (64 bit)®, Microsoft® Server 2008 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2012 R2®
Integration Method	The maximum number of supported Emizon TCDs per integration module is 1000.

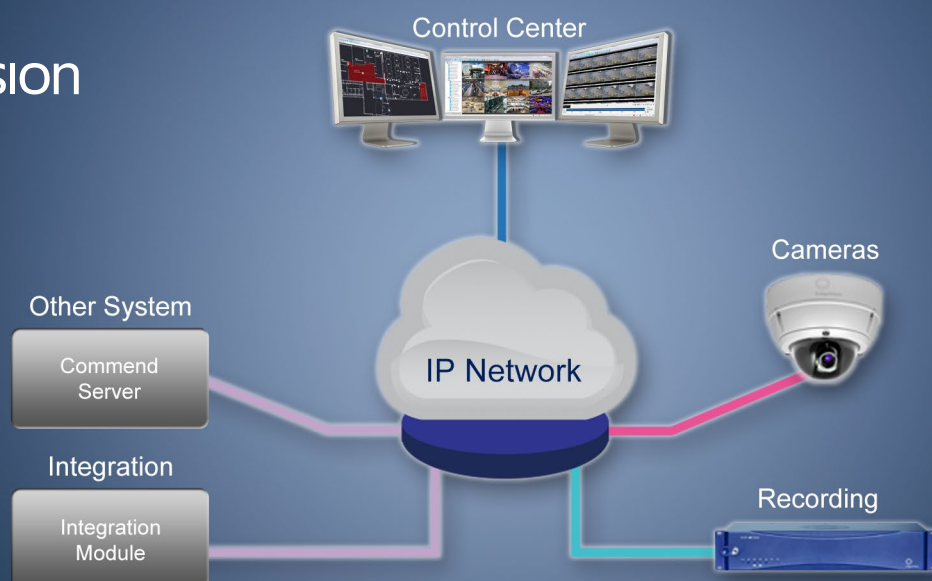
Emizon Events and IndigoVision Actions Supported

Examples of Supported Events
TCD in contact
TCD out of contact
Input alarm
Input reset
Input opening
Input closing
Fault and tamper
Burglar alarm
Holdup / Duress alarm
Intruder zone events
Panel set
Panel part set
Panel unset
Panel fault
Panel restored

Examples of Supported Actions
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 analogue monitor
Recording of any camera started
CCTV site map pops up with event source highlighted
Relay triggered action initiated e.g. door opens or lights turn on



IndigoVision



Commend

The IndigoVision Commend Integration Module allows events from the Commend intercom system to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - all helping to dramatically decrease operator response time.

Triggered by intercom system events complete situational awareness through amazingly high quality video now becomes a reality

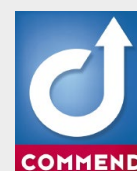
Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Commend Integration Module	317926



Specifications

General Specifications	
Commend System Software Requirements	TCP/IP ICX interface card, ICX license option
IndigoVision System Software Requirements	IndigoVision Commend Integration Module v1.0. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events from the Commend intercom system into Control Center.
Integration Server Specification	Refer to Commend documentation for advice on machine specifications. The IndigoVision Commend Integration Module can run on any networked PC with a connection to the Commend system. There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.
Supported Products	Compatible with Commend servers supporting the ICX interface; such as: C-IS300, C-GE300, C-GE800, VirtuoSIS Software Intercom Server
Supported Operating Systems	Microsoft® Windows Server 2008 R2®, Microsoft® Windows 7® (64bit)
Integration Method	The IndigoVision Commend Integration Module uses the ICX interface to integrate with the Commend system. The Integration Module supports a connection to up to 50 Commend servers each of which can be configured with their maximum number of connected intercom stations.

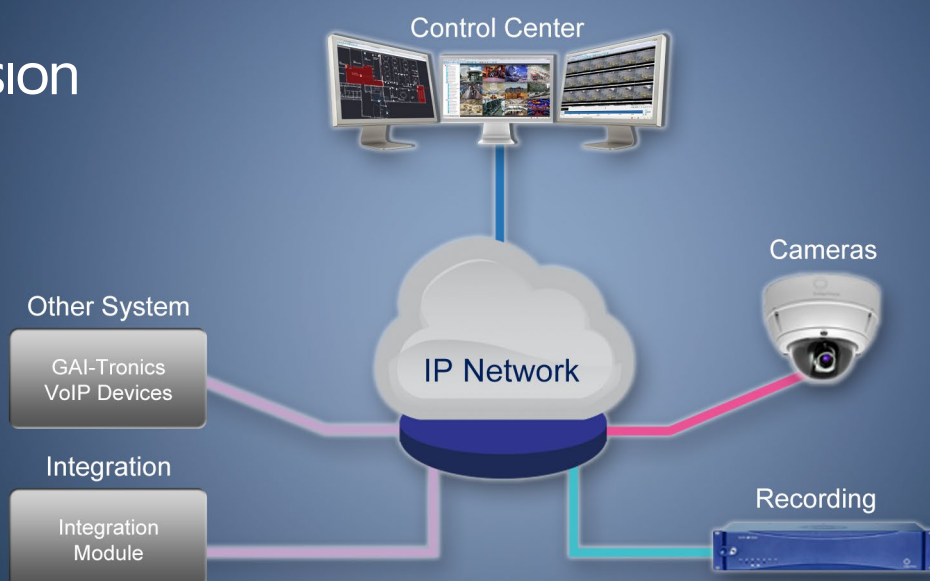
Commend Events and IndigoVision Actions Supported

Examples of Supported Events
Commend server online
Commend server offline
Call request (button pressed)
Call start (call picked up)
Call interruption
Call transferred
Call end
Door opened
Door ringing (initiated call from a station)
Fault condition
Public address

Examples of Supported Actions
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 analogue monitor
Recording of any camera started
CCTV site map pops up with event source highlighted
Relay triggered action initiated e.g. door opens or lights turn on



IndigoVision



GAI-Tronics

The IndigoVision GAI-Tronics Integration Module allows alarms and events from GAI-Tronics VoIP devices to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
GAI-Tronics Integration Module	317920

Specifications

General Specifications	
GAI-Tronics System Software Requirements	No GAI-Tronics software is required. Tested with GAI-Tronics firmware version v2.3.7
IndigoVision System Software Requirements	IndigoVision GAI-Tronics Integration Module v1.0. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the GAI-Tronics system into Control Center.
Integration Server Specification	The IndigoVision GAI-Tronics Integration Module can run on any networked PC. NOTE: The Integration Module is a licensed product. A correctly licensed USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licensed IndigoVision software such as the Windows NVR-AS.
Supported Products	GAI-Tronics VoIP telephones with firmware v3 including VoIP Handset Series, VoIP Handsfree Series, WiFi VoIP Handsfree series
Supported Operating Systems	Microsoft® Server 2008 R2®, Microsoft® Windows 7®

GAI-Tronics Events and IndigoVision Actions Supported

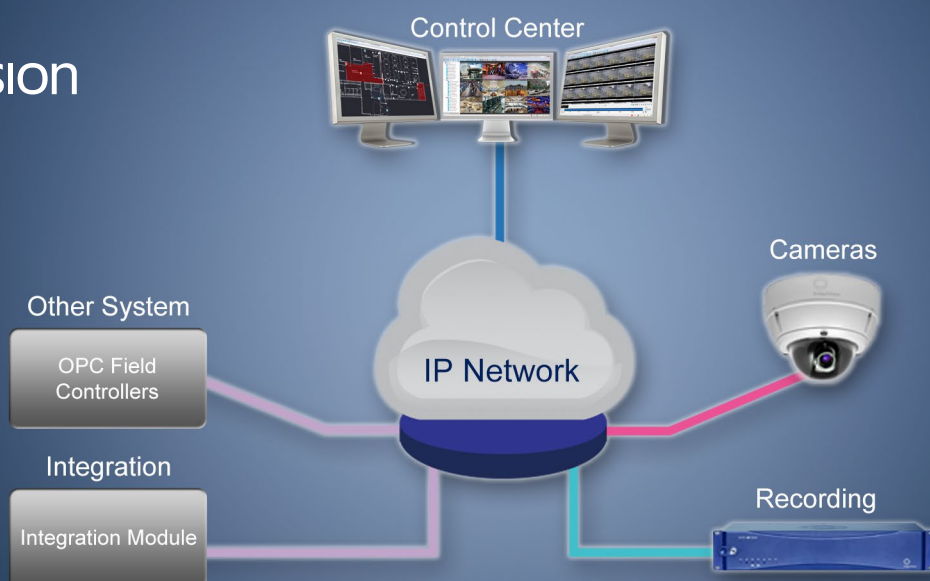
Examples of Supported Events
External switch input 1
External switch input 2
External switch input 3
External switch input 4
Handset integrity loop
Configuration error
Cold reset
Warm reset
Transducer fault
Keypad error

Examples of Supported Actions
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 analogue monitor
Recording of any camera started
CCTV site map pops up with event source highlighted
Relay triggered action initiated e.g. door opens or lights turn on



IndigoVision

INTEGRATION: OPEN INTERFACES



OPC

The IndigoVision OPC Integration Module allows a bi-directional flow of events and alarms between any other system providing an OPC interface and IndigoVision's video security solution. Events and alarms can also be managed with one-click acknowledgements from within the third party software.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically in IndigoVision's Control Center software from events generated in a third party system - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

Product Code	
OPC Integration Module	317907



Specifications

General Specifications	
OPC System Software Requirements	<p>The OPC Integration Module is compatible with OPC Servers that support: OPC Data Access specifications v2.x or v3.0, OPC Alarms and Events specification v1.10.</p> <p>It is compatible with OPC Clients that support: OPC XML-DA v1.01</p>
IndigoVision System Software Requirements	<p>The IndigoVision OPC Integration Module comes with three components any of which can be installed depending on your integration requirements.</p> <p>For alarms coming into the IndigoVision system, two different client modules are provided: OPC Data Access Module v1.0, OPC Alarms & Events Module v1.1. The OPC Alarms & Events Module includes support for acknowledgements of alarms in third party systems and to have the corresponding alarm cleared within IndigoVision's Control Center.</p> <p>For alarms going out of the IndigoVision system, a server module is provided: OPC Data Access Server Module v2.0.</p> <p>Compatible with SMS4™ r2/Control Center v11.0 or later</p>
Event and Alarm Integration Capability	Bi-directional flow of events and alarms between Control Center and the OPC system.
Alarm Acknowledgement Capability	Acknowledgments of alarms from within the third party system are fed back into the IndigoVision system.
Integration Server Specification	<p>PC requirements for other OPC software may vary depending on the size of the control system. Refer to the other system documentation for advice on machine specifications. The IndigoVision OPC Integration Module can run on the same PC as the other software. There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.</p>
Supported Products	Compatible with any system that uses an OPC interface.
Supported Operating Systems	Microsoft® Windows 2008 R2®, Microsoft® Windows 7®
Integration Method	<p>OPC is a series of standards specifications for allowing open interoperability amongst industrial automation and process control systems such as building and alarm management systems. More details on OPC and also vendors who support OPC can be found at: http://www.opcfoundation.org. The IndigoVision OPC Integration Module provides both OPC Client and Server services.</p>
Tested System Integrations with Control Center	Schneider Electric Building Management (covering Infinet II, Infinity and Continuum Control Systems)

OPC Events and IndigoVision Actions Supported

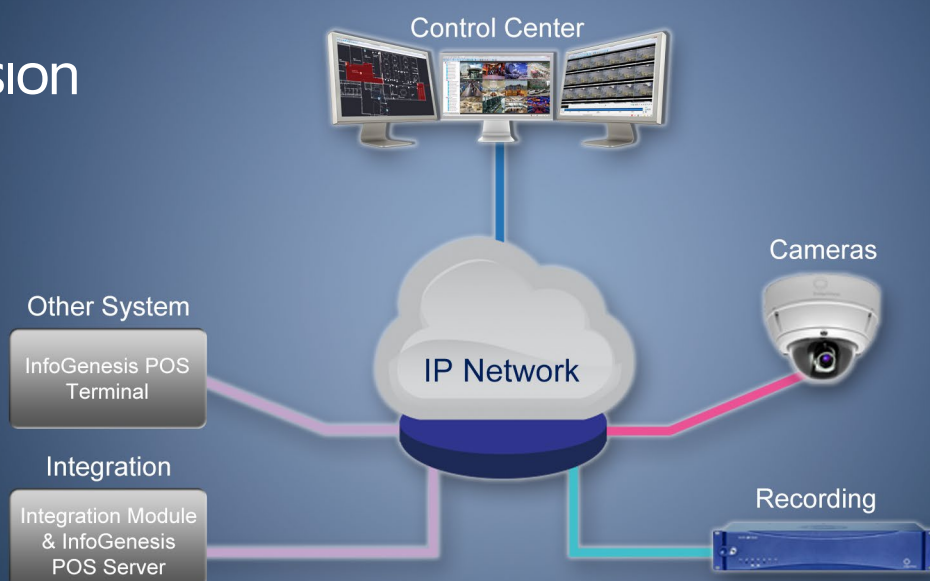
Examples of Supported Events
Fire alarm
Smoke alarm
Lighting control
Security breach
Card access
Door forced open
Access granted
Cabinet tamper
Barrier control
Air conditioning control
Temperature level
Humidity level
Heat pump

Examples of Supported Actions
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 analogue monitor
Recording of 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



IndigoVision

INTEGRATION: ELECTRONIC POINT OF SALE



InfoGenesis

The IndigoVision InfoGenesis Integration Module allows a flow of events and alarms from the InfoGenesis Point of Sale (PoS) system into IndigoVision's video security solution.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically in IndigoVision's Control Center software based on events generated in the InfoGenesis system - dramatically improving operator response time.

Using IndigoVision's Control Center software, PoS transaction data from the InfoGenesis system can be logged and searched easily providing fast access to video for every instance that matters.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
InfoGenesis Integration Module	317913

Specifications

General Specifications	
InfoGenesis System Software Requirements	InfoGenesis Revelation Surveillance System v2.5.0 or later
IndigoVision System Software Requirements	IndigoVision InfoGenesis Integration Module v2.0, Compatible with Control Center v11.2 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the InfoGenesis system into Control Center.
Capability to integrate Data Streams into Control Center	Continuous streams of data such as POS transaction data can be managed within Control Center.
Integration Server Specification	<p>PC requirements vary depending on the size of the system. Refer to documentation for advice on machine specifications.</p> <p>The IndigoVision InfoGenesis Integration Module runs on either the same server or a different machine than the InfoGenesis system. There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module.</p> <p>The Integration Module should not be run on any other dongle licensed IndigoVision software such as either of the Windows NVR-AS's.</p>
Supported Products	InfoGenesis Revelation Surveillance System, InfoGenesis POS Windows Terminal Application running on any InfoGenesis supported terminal
Supported Operating Systems	Microsoft® Windows Server 2008 R2®, Microsoft® Windows 7® (64-bit)

InfoGenesis Events and IndigoVision Actions Supported

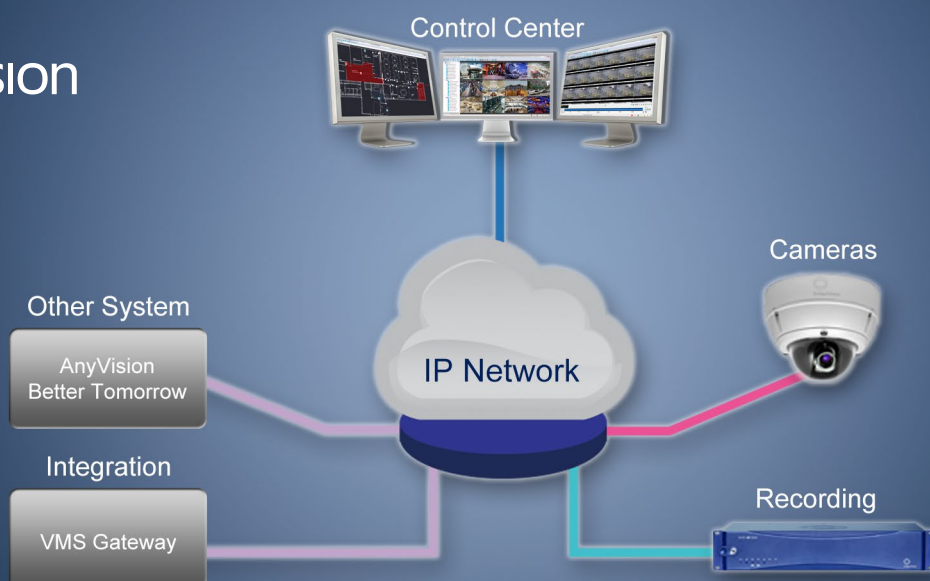
Examples of Supported Events
Drawer - log on
Drawer - log off
No sale
Tip payouts
Cash tender
Card tender
Register is open

Examples of Supported Actions
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 analogue 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



IndigoVision

INTEGRATION: FACIAL RECOGNITION



AnyVision

Better Tomorrow

The AnyVision Integration Module allows face recognition events from AnyVision's Better Tomorrow system to automatically trigger real-time events in IndigoVision Control Center, as well as generating data records which index recorded video with time-stamped information.

Search data records in Control Center for persons of interest or whole watchlists, and drag and drop the resulting data records into a video pane to view the recorded video containing the faces. Now IndigoVision customers can benefit from AnyVision's market-leading facial recognition technology, which uses deep neural networks to perform highly accurate face-matching in real time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



INTEGRATIONS



Product Codes

Product Code	
AnyVision Integration Module, Software License Key	317465

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Specifications

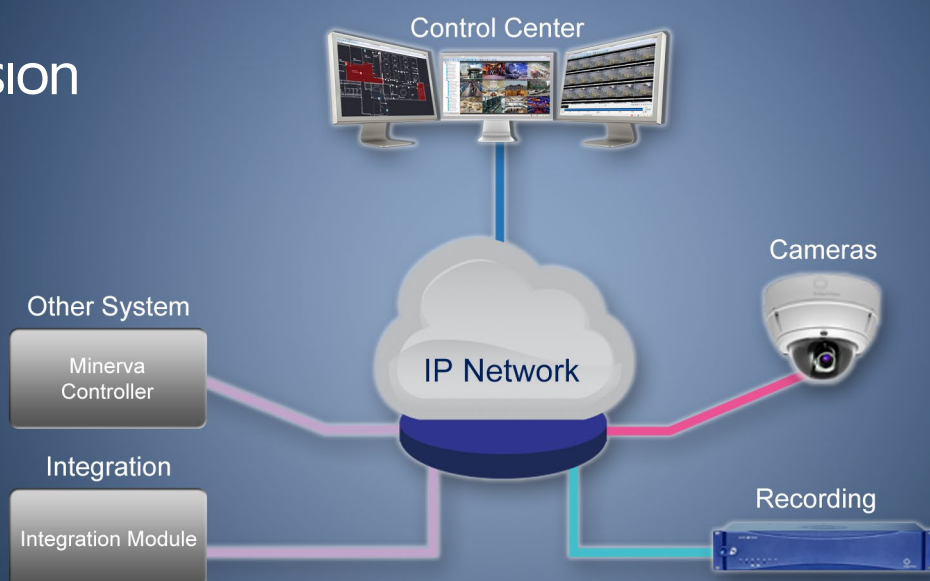
General Specifications	
AnyVision System Software Requirements	AnyVision Better Tomorrow, with AnyVision Integration Module running on a separate Windows machine
IndigoVision System Software Requirements	Compatible with IndigoVision Control Center v15.0 or later
Notification Integration Capability	Unidirectional flow of Events and Data Records from the AnyVision system into Control Center
Integration Server Specification	<p>Please contact AnyVision for advice on the hardware required to run AnyVision Better Tomorrow. Better Tomorrow runs on Ubuntu, and a quantity of GPUs will be required.</p> <p>The AnyVision Integration Module runs on a Windows PC, which must be separate from the machine running AnyVision Better Tomorrow.</p> <p>NOTE: The Integration Module is a licensed product. A software license key must be present on the platform running the Integration Module. The Integration Module should not be run on the same server as the Windows NVR-AS 13.2 or earlier or certain integration modules.</p>
Supported Products	AnyVision Better Tomorrow
Supported Cameras	Tested with IndigoVision GX420, GX620, BX420, BX620, BX430, BX630, BX520. Panoramic, Fisheye and multi-channel devices are not supported.
Supported Operating Systems	Microsoft® Windows 10® Professional (64-bit)

AnyVision Events and IndigoVision Actions Supported

Examples of Supported Events	Examples of Supported Actions
Face detected (not in watchlist)	Data Records sent to IndigoVision containing watchlist name, suspect name and detection score.
Face recognised (in watchlist)	Users are able to view the recorded video associated with a face recognition event in Control Center, by double-clicking on a Data Record or dragging it into a video pane.
	Real-time events sent to IndigoVision containing watchlist name, suspect name and detection score.
	Actions that can be automatically performed in Control Center include displaying live video, starting recording, moving a PTZ camera to a preset, playing a sound, sending an email.



IndigoVision



Minerva

The IndigoVision Minerva Integration Module allows alarms and events from Minerva controllers to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Minerva Integration Module	317914

Minerva by
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Specifications

General Specifications	
Minerva System Software Requirements	Minerva serial port interface using Minerva Printer Port Formats 2.0
IndigoVision System Software Requirements	IndigoVision Minerva Integration Module v1.0 Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Minerva Controller(s) into Control Center
Integration Server Specification	The IndigoVision Minerva Integration Module can run on any networked PC. NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.
Supported Products	Compatible with any Minerva products supporting Minerva 16E and 80 formats (both non-networked and networked)
Supported Operating Systems	Microsoft® Windows Server 2003®, Microsoft® Windows XP Professional®
Integration Method	An IndigoVision 9000 Single Channel Encoder is required to connect the Minerva Controller

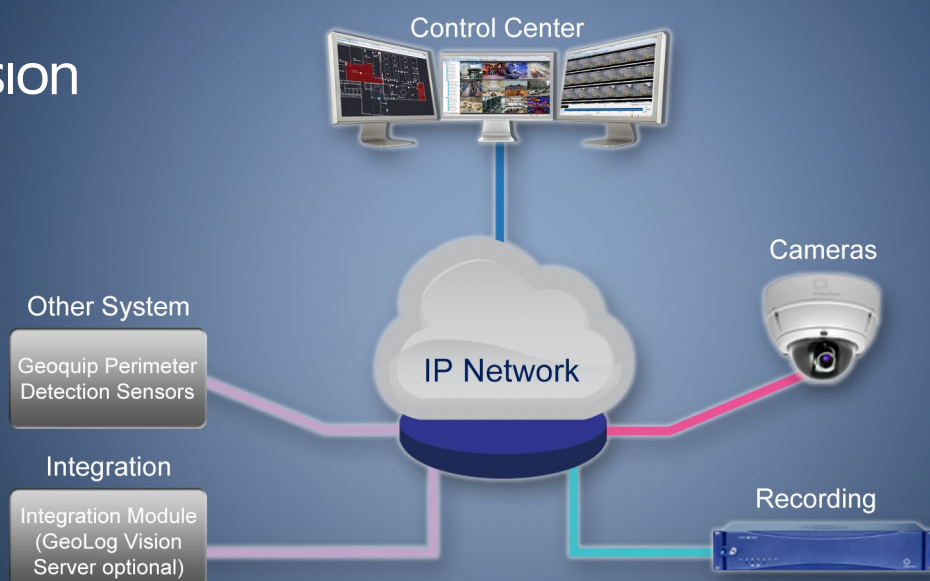
Minerva Events and IndigoVision Actions Supported

Examples of Supported Events
Fire alarm
Fire pre-alarm
Intruder tamper
Fire test reminder
Board fault
Point isolated
System silence

Examples of Supported Actions
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 analogue monitor
Recording of 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



IndigoVision



Geoquip

The IndigoVision Geoquip Integration Module allows alarms and events from the Geoquip system to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Geoquip Integration Module	317922



Specifications

NOTE: Any project requiring the IndigoVision Geoquip Integration Module needs Geoquip's approval (plus a project specific NDA). Further information is available from your IndigoVision Account Manager or Product Management.

General Specifications	Integration via GeoLog Vision Server	Direct Integration with Detection Sensors
Geoquip System Software Requirements	GeoLog Vision Server v5.44.0	No Geoquip software needed
IndigoVision System Software Requirements	IndigoVision Geoquip Integration Module v1.0. Compatible with SMS4™ r2/ Control Center v11.0 or later	IndigoVision Geoquip Direct Integration Module v1.0. Compatible with SMS4™ r2 onwards
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Geoquip system into Control Center.	
Integration Server Specification	<p>The GeoLog Vision Server requires a licence available from Geoquip. Refer to the GeoLog Vision documentation for the recommended system specification. The IndigoVision Geoquip Integration Module can run on the same PC as the GeoLog Vision Server or any other networked PC. The Geoquip Integration Module integrates with the GeoLog Vision Server and is compatible with any perimeter detection sensor that can be connected to the GeoLog Vision Server.</p> <p>There are no additional requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.</p>	Geoquip Detection Sensors require a RS-232 serial connection for each device being connected to. The Integration Module supports up to 100 Geoquip devices.
Supported Products	MicAlert, CentrAlert, Commander	
Supported Operating Systems	Microsoft® Windows 7®, Microsoft® Windows Server 2008 R2®	
Integration Method	N/A	Audio input from Geoquip sensor devices can be integrated into Control Center by connecting a Geoquip MicAlert to an IndigoVision encoder (purchased separately). Audio input from individual Geoquip cables can be selected from within IndigoVision Control Center.

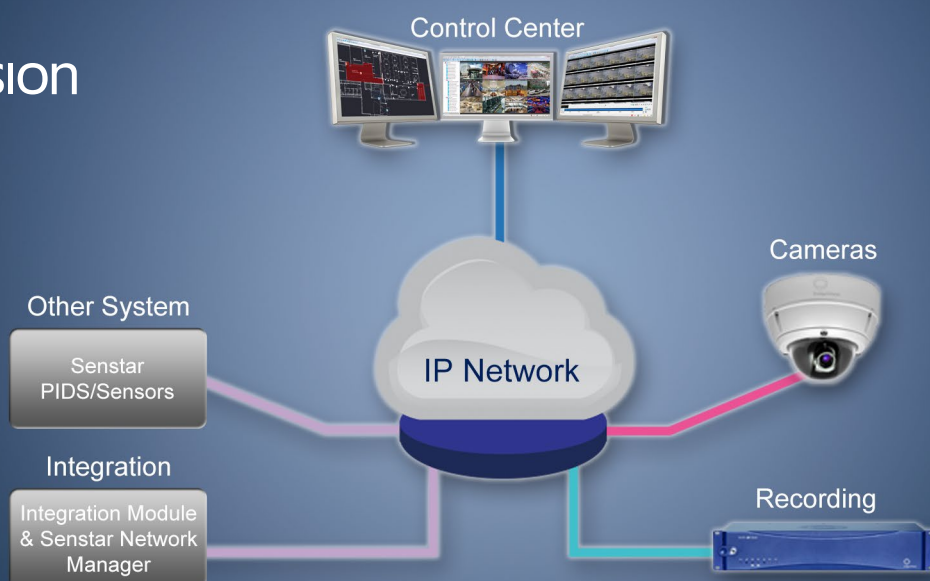
Geoquip Events and IndigoVision Actions Supported

Integration via GeoLog Vision Server - Examples of Supported Events	Direct Integration with Detection Sensors - Examples of Supported Events
Alarm on	Alarm on
Alarm off	Alarm off
Tamper	Tamper
Pre alarm	
Short circuit	
Alarm panel event	
System event	

Examples of Supported Actions
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 analogue monitor
Recording of any camera started
CCTV site map pops up with event source highlighted
Relay triggered action initiated e.g. door opens or lights turn on



IndigoVision



Senstar

The IndigoVision Senstar Integration Module allows alarms and events from Senstar systems to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Senstar Integration Module	317908



Specifications

General Specifications	
Senstar System Software Requirements	Senstar Silver or Sennet Network Managers v1.01, v1.21 & v2.03, v2.22, v2.32
IndigoVision System Software Requirements	IndigoVision Senstar Integration Module v1.0.2. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Senstar system into Control Center.
Integration Server Specification	<p>PC requirements for the Senstar Network Manager may vary depending on the size of the control system. Refer to the Senstar Network Manager documentation for advice on machine specifications.</p> <p>The IndigoVision Senstar Integration Module can run on the same PC as the the Senstar Network Manager or any other networked PC.</p> <p>There are no extra requirements on the specification of the PC due to the IndigoVision software.</p> <p>NOTE: The Integration Module is a licensed product. A correctly licensed USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other licensed IndigoVision software such as the Windows NVR-AS 13.2 or earlier, License Server or any other Integration Module.</p>
Supported Products	Senstar networked sensors connected to the Senstar Network Manager software, including OmniTRAX, Intelli-FLEX and Perimitrax.
Supported Operating Systems	<p>Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit),</p> <p>Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)</p>

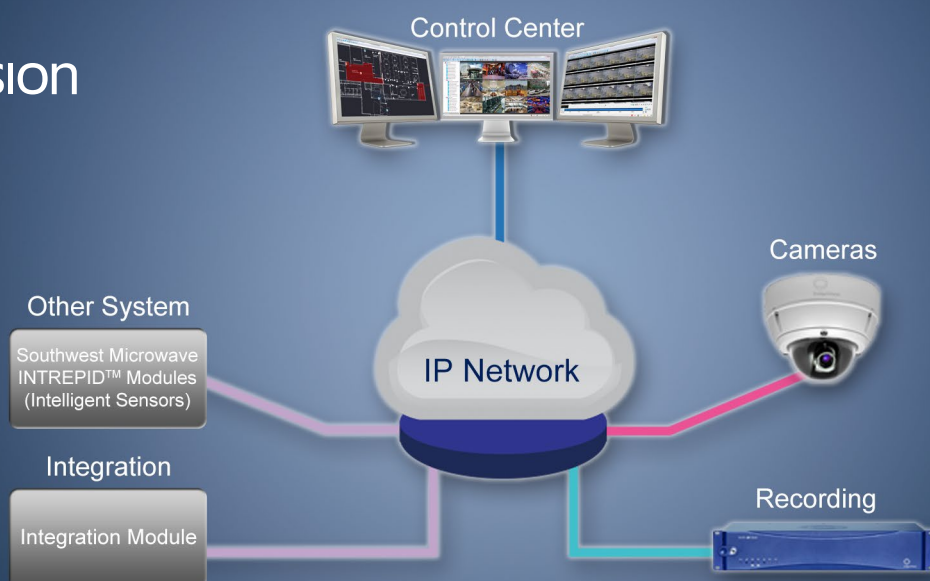
Examples of Supported Events
Zone breach alarms
Buried sensor
Fence mounted sensor
Electrostatic field sensor
Microwave sensor
Barrier sensor
Tamper alarms

Examples of Supported Actions
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 analogue monitor
Recording of 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



IndigoVision

INTEGRATION: PERIMETER DETECTION



Southwest Microwave

INTREPID™

The IndigoVision Southwest Microwave Integration Module allows alarms and events from the Southwest Microwave INTREPID™ system to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - all helping to dramatically decrease operator response time.

Remote monitoring of unmanned sites with intelligent perimeter detection combined with amazingly high quality video - even over satellite - now becomes a reality.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Southwest Microwave Integration Module	317921



Specifications

General Specifications	
Southwest Microwave System Software Requirements	No software is required for our Integration Module.
IndigoVision System Software Requirements	IndigoVision Southwest Microwave INTREPID™ Integration Module v1.0. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from the Southwest Microwave INTREPID™ system into Control Center.
Manually Control Actions within the Third Party System	Set relays in Control Center can create specific events in the Southwest Microwave INTREPID™ system such as triggering a gate release mechanism
Integration Server Specification	<p>The IndigoVision Southwest Microwave INTREPID™ Integration Module can run on any networked PC with a connection to the Southwest Microwave system. There are no extra requirements on the specification of the PC due to the IndigoVision software. Southwest Microwave sensor networks require an RS-422 serial connection for each system being connected to.</p> <p>NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.</p>
Supported Products	PM II (MicroPoint™ II Processor Module), MTP II (MicroTrack™ II Processor Module), AIM II (Alarm Input Module II), MicroWave 330, ROM II - 8, ROM II - 16
Supported Operating Systems	Microsoft® Windows Server 2008 R2®, Microsoft® Windows 7®
Integration Method	The integration software is compatible with the network serial port redirection solutions from Control. The Integration Module supports 20 sensor networks each of which can be configured with the maximum of 16 Southwest Microwave devices.

Southwest Microwave INTREPID™ Events and IndigoVision Actions Supported

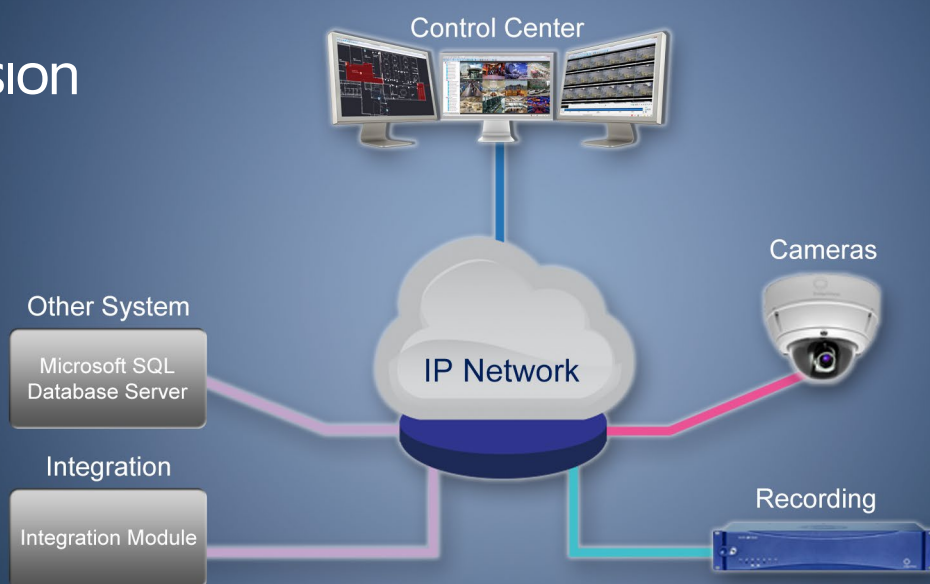
Examples of Supported Events
Fence mounted sensor
Buried sensor
Microwave sensor
Auxiliary switch contacts
Tamper alarms
Fault alarms

Examples of Supported Actions
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 analogue monitor
Recording of 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



IndigoVision

INTEGRATION: OPEN INTERFACES



Microsoft SQL Server

The IndigoVision Microsoft SQL Server Integration allows alarms and events from any other system using a Microsoft SQL database to be seamlessly combined with IndigoVision's video security solution, giving complete video and alarm management in a single user interface – Control Center.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically - helping to dramatically decrease operator response time.

Included support for database query notifications provides highly responsive alarms and actions.

Key Features

CONTROL CENTER
ACTING AS FRONT END



Product Codes

Product Code	
Microsoft-SQL Integration Module, Software License Key*	317409
Honeywell ProWatch Integration Module, Software License Key*	317405

*Supported from v2.1 of the Integration Module onward



Specifications

General Specifications	
MS-SQL System Software Requirements	<p>Any Microsoft SQL Database Server.</p> <p>New alarms/events must be sent to the Microsoft SQL DB from the other system.</p> <p>It must be possible to create a DB trigger and execute this when new alarms/events are sent to the Microsoft SQL DB from the other system.</p> <p>It must be possible to add a new SQL table to the DB to which new alarms/events can be copied as part of the trigger.</p> <p>The IndigoVision Integration Module will read and delete alarms/events from this new table.</p> <p>Events are processed either by polling the table or using a query notification for increased efficiency.</p>
IndigoVision System Software Requirements	IndigoVision Microsoft SQL Server Integration v2.2. Compatible with SMS4™ r2/Control Center v11.0 or later
Event and Alarm Integration Capability	Unidirectional flow of events and alarms from any other system using a Microsoft SQL database into Control Center.
Integration Server Specification	<p>PC requirements for the Microsoft SQL server may vary depending on the size of the control system.</p> <p>Refer to the other system documentation for advice on machine specifications.</p> <p>The Integration can run on the same PC as the Microsoft SQL Database Server or any other networked PC.</p> <p>There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The Integration is a licensed product. A correctly licensed USB dongle or software license key must be present on the platform running the Integration.</p> <p>The Integration Module should not be run on the same server as certain Integration Modules.</p>
Supported Products	Compatible with any system that uses an Microsoft SQL compatible database engine including: SQL Server 2012, SQL Server 2014, SQL Server 2016, SQL Server 2017; including support for the Express, Standard, Enterprise and Datacenter editions of each version.
Supported Operating Systems	Microsoft® Windows Server 2016®, Microsoft® Windows Server 2012 R2®, Microsoft® Windows Server 2012®, Microsoft® Windows Server 2008 R2®, Microsoft® Windows 10® (64-bit) version 1607 or later, Microsoft® Windows 8.1® (64-bit), Microsoft® Windows 7® (64-bit)
Integration Method	The IndigoVision Microsoft SQL Server Integration provides support for databases with query notifications enabled, providing highly responsive alarms and actions.
Tested System Integrations with Control Center	Honeywell Pro-Watch v3.7 covering the Lite, Professional, Corporate and Enterprise edition

Microsoft SQL Server Events and IndigoVision Actions Supported

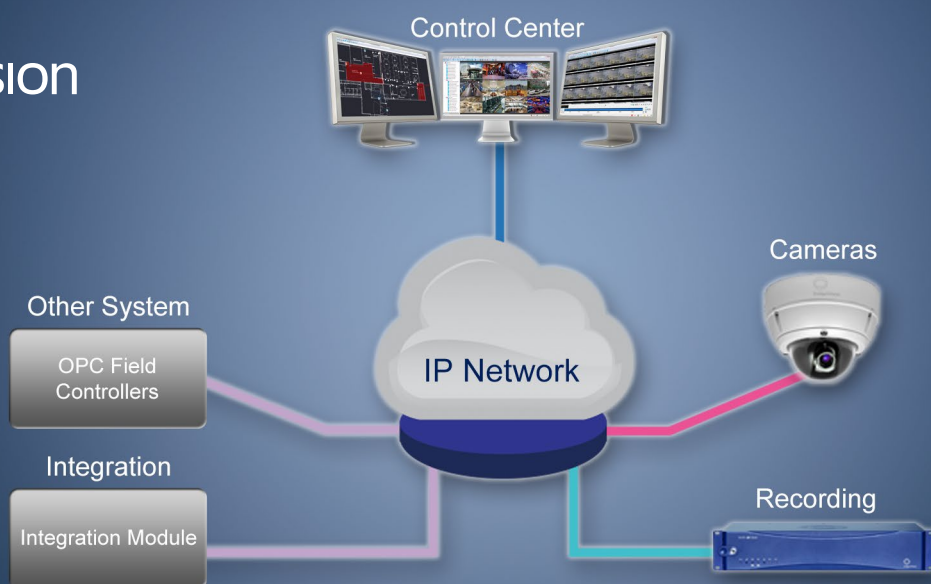
Examples of Supported Events
Cardholder access events
Normal entry
Fault and tamper
Burglar alarm
Holdup/Duress alarm
Intruder zone events
Fire zone events
Vibration zone events
Personal attack zone events
Time zone events

Examples of Supported Actions
PTZ Camera moves to Preset
Video from one or more cameras displayed on operator's PC
Notification email sent
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



IndigoVision

INTEGRATION: OPEN INTERFACES



OPC

The IndigoVision OPC Integration Module allows a bi-directional flow of events and alarms between any other system providing an OPC interface and IndigoVision's video security solution. Events and alarms can also be managed with one-click acknowledgements from within the third party software.

Trigger live video, move PTZ cameras, start recordings and send notification emails automatically in IndigoVision's Control Center software from events generated in a third party system - helping to dramatically decrease operator response time.

Key Features

CONTROL CENTER
ACTING AS FRONT END



THIRD PARTY SYSTEM
ACTING AS FRONT END



Product Codes

Product Code	
OPC Integration Module	317907



Specifications

General Specifications	
OPC System Software Requirements	<p>The OPC Integration Module is compatible with OPC Servers that support: OPC Data Access specifications v2.x or v3.0, OPC Alarms and Events specification v1.10.</p> <p>It is compatible with OPC Clients that support: OPC XML-DA v1.01</p>
IndigoVision System Software Requirements	<p>The IndigoVision OPC Integration Module comes with three components any of which can be installed depending on your integration requirements.</p> <p>For alarms coming into the IndigoVision system, two different client modules are provided: OPC Data Access Module v1.0, OPC Alarms & Events Module v1.1. The OPC Alarms & Events Module includes support for acknowledgements of alarms in third party systems and to have the corresponding alarm cleared within IndigoVision's Control Center.</p> <p>For alarms going out of the IndigoVision system, a server module is provided: OPC Data Access Server Module v2.0.</p> <p>Compatible with SMS4™ r2/Control Center v11.0 or later</p>
Event and Alarm Integration Capability	Bi-directional flow of events and alarms between Control Center and the OPC system.
Alarm Acknowledgement Capability	Acknowledgments of alarms from within the third party system are fed back into the IndigoVision system.
Integration Server Specification	<p>PC requirements for other OPC software may vary depending on the size of the control system. Refer to the other system documentation for advice on machine specifications. The IndigoVision OPC Integration Module can run on the same PC as the other software. There are no extra requirements on the specification of the PC due to the IndigoVision software. NOTE: The Integration Module is a licenced product. A correctly licenced USB dongle should be present on the platform running the Integration Module. The Integration Module should not be run on the same server as any other dongle licenced IndigoVision software such as the Windows NVR-AS.</p>
Supported Products	Compatible with any system that uses an OPC interface.
Supported Operating Systems	Microsoft® Windows 2008 R2®, Microsoft® Windows 7®
Integration Method	<p>OPC is a series of standards specifications for allowing open interoperability amongst industrial automation and process control systems such as building and alarm management systems. More details on OPC and also vendors who support OPC can be found at: http://www.opcfoundation.org. The IndigoVision OPC Integration Module provides both OPC Client and Server services.</p>
Tested System Integrations with Control Center	Schneider Electric Building Management (covering Infinet II, Infinity and Continuum Control Systems)

OPC Events and IndigoVision Actions Supported

Examples of Supported Events
Fire alarm
Smoke alarm
Lighting control
Security breach
Card access
Door forced open
Access granted
Cabinet tamper
Barrier control
Air conditioning control
Temperature level
Humidity level
Heat pump

Examples of Supported Actions
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 analogue monitor
Recording of 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

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