



Basic Training
Issue D

HONEYWELL SECURITY

Access Control Solutions

Honeywell

Honeywell Security Academy for EE

Register here for next trainings:

<http://www.security.honeywell.com/ee/news-events/academy/index.html>



Honeywell Security Academy EE 2017

Poland & Baltics Czech Republic & Central Europe Romania, Bulgaria & S. Europe Webinar On-line				
Date	Product	Type	Trainer / Location	Register
	Galaxy	basic training	Honeywell / Bucharest	Register
	Galaxy	advanced training	Honeywell / Bucharest	Register

- All planned events for all training centers

Agenda

01

WIN-PAK Family

02

WIN-PAK Architecture

03

WIN-PAK Features

04

Security Solutions

05

Access Control Hardware

06

Readers & Credentials





Browser

Access Control

WEB Browser
NetAXS 123 / NetAXS 4

Multiple panel control (simultaneously)
Ethernet Virtual Loop (NetAXS123 only)



Cost effective card / user management solution



Multiple panel control

RS-485

NetAXS 123 / NetAXS 4

Ethernet Virtual Loop NetAXS 123



No real time monitoring



Access Control

Setup access control panels

NetAXS 123 / NetAXS 4

Multiple panel control (simultaneously)
Ethernet Virtual Loop (NetAXS123 only)



Order Code: WPX4

WIN-PAK for Access
NetAXS123 / NetAXS4
Management and control interface
for Access panels



Centralized and improved user card management



Macros for one or between multiple panels



Realtime monitoring

Event Viewer or Floor Maps



Setup access control panels

NetAXS & PRO3200



Browser

WEB Browser
NetAXS 123 / NetAXS 4

Multiple panel control (simultaneously)

Ethernet Virtual Loop (NetAXS123 only)



Dimension

Integrate up to 50 Galaxy Dimension panels

(license required)

NetAXS123 / NetAXS4

Management and control interface
for Access panels

WIN-PAK for Integration

NetAXS123 / NetAXS4 / PRO3200 / Galaxy Dimension
& Honeywell Video (HRDP, Fusion, MAXPRO NVR XE / SE / PE)

Management and control interface for Integration



Video

Video

Order Code: WPS4
WPS4G
WPS4U5A
WPS4U5GA



Basic Honeywell CCTV integration



Advanced Honeywell CCTV integration

(license required)



Multiple Communication Servers Access Control



Browser

WEB Browser
NetAXS 123 / NetAXS 4

Multiple panel control (simultaneously)



Ethernet Virtual Loop (NetAXS123 only)

Integration of more Galaxy panels (50 x No. of Comm Servers)

Dimension

NetAXS123 / NetAXS4

Management and control interface
for Access panels



Multi Account / Tenant management

WIN-PAK for Integration

Management and control interface for Integration

WIN-PAK Ultimate

NetAXS123 / NetAXS4 / PRO3200 / Galaxy Dimension
& Honeywell Video (HRDP, Fusion, MAXPRO NVR XE / SE / PE)

Ultimate platform for Advanced Integration and Multi-Tenant Sites

Video

Video



Order Code: WPP4



Access Control

Intrusion



Setup intuder panels RSS

RSS
Galaxy Dimension
Multiple panel control (one at a time)

RSS

Manage users and PINs RSS & UMS
(one panel at a time)

User Management Suite
Galaxy Dimension
User management (one at a time)

UMS

No real time monitoring

No floor maps



Video

Video



Setup still done through RSS

Access Control

WEB Browser
NetAXS 123 / NetAXS 4

Multiple panel control (simultaneously)

Intrusion

RSS
Galaxy Dimension

Multiple panel control (one at a time)



RSS



Manage users and PINs of up to 5 Galaxy Dimension, simultaneously

NetAXS123 / NetAXS4

Management and control interface for Access panels

WIN-PAK for Galaxy

Galaxy Dimension

Management interface for Intrusion panels



Order Code: WPG4X1
WPG4X5



Realtime monitoring

Event Viewer or Floor Maps

NetAXS123 / NetAXS4 / PRO3200 / Galaxy Dimension & Honeywell Video (HRDP, Fusion, MAXPRO NVR XE / SE / PE)

Management and control interface for Integration

WIN-PAK Ultimate

NetAXS123 / NetAXS4 / PRO3200 / Galaxy Dimension & Honeywell Video (HRDP, Fusion, MAXPRO NVR XE / SE / PE)

Ultimate platform for Advanced Integration and Multi-Tenant Sites

Consolidated Intruder reports



Video

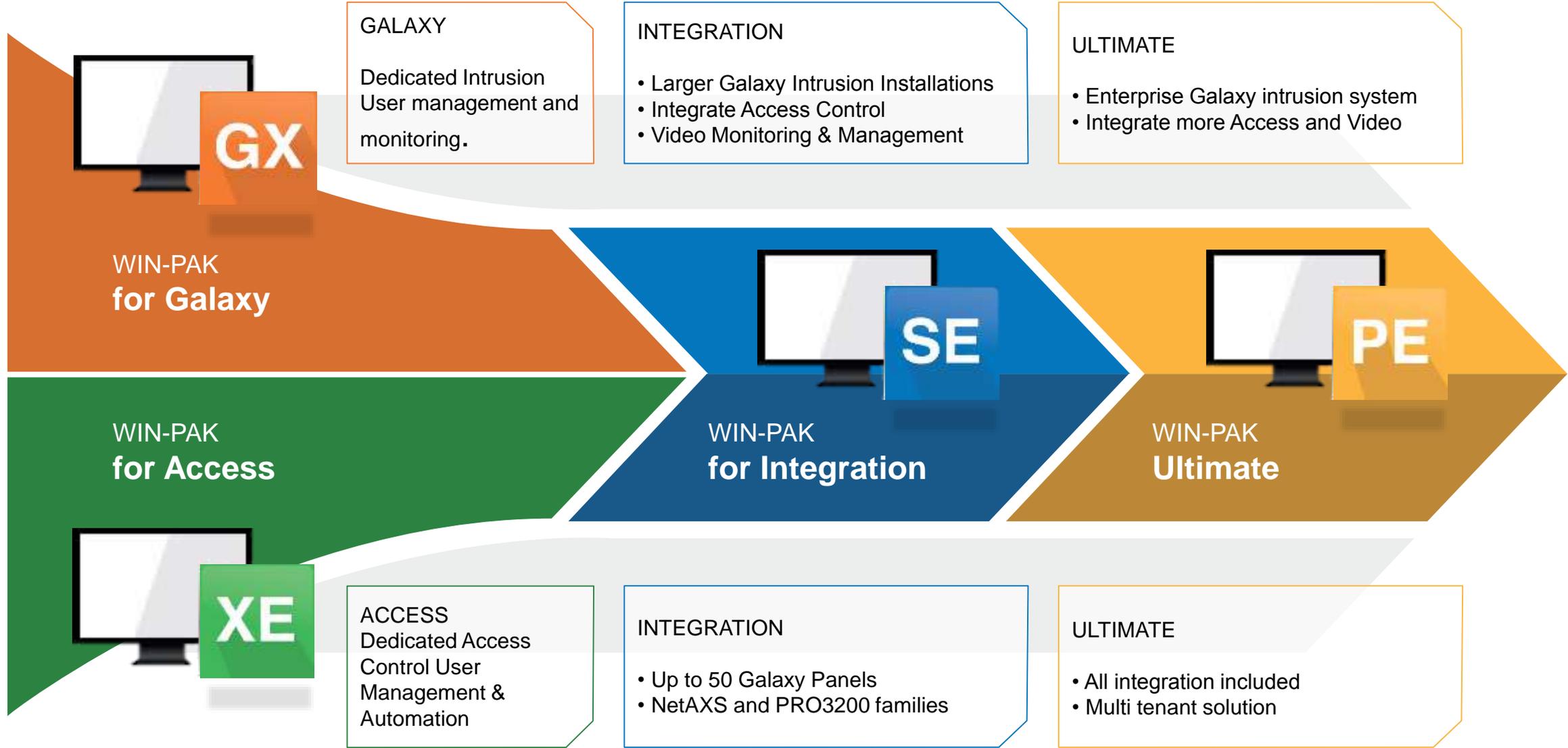


WIN-PAK for Galaxy

Galaxy user management solution

Honeywell

WIN-PAK Software Suite



WIN-PAK for Galaxy benefits

One tool for 1 up to 5 Dimension panels

Easy management of intrusion panels

Better overview through floormaps

Easy elements control, directly from floormaps

Centralized reports of all intrusion panels

User Management

Saves time = Saves costs

Intuitive management over multiple Galaxy panels

Deactivate users within 2 clicks

Easy tag management for MAX and Keyprox readers



WIN-PAK for Integration benefits

- **Single point of control and management**
 - Advanced Galaxy Dimension control
 - Advanced Video
 - Advanced Access
- **Automation between disciplines**
 - Video popup upon Access or Galaxy events
 - Up to 4 cameras per event
 - Arm / disarm using card on access panels
- **Consolidated Reports**
 - For all disciplines
 - Export in HTML
- **Upgrade opportunity**
 - From WIN-PAK for Galaxy
 - From WIN-PAK for Access



HISTO

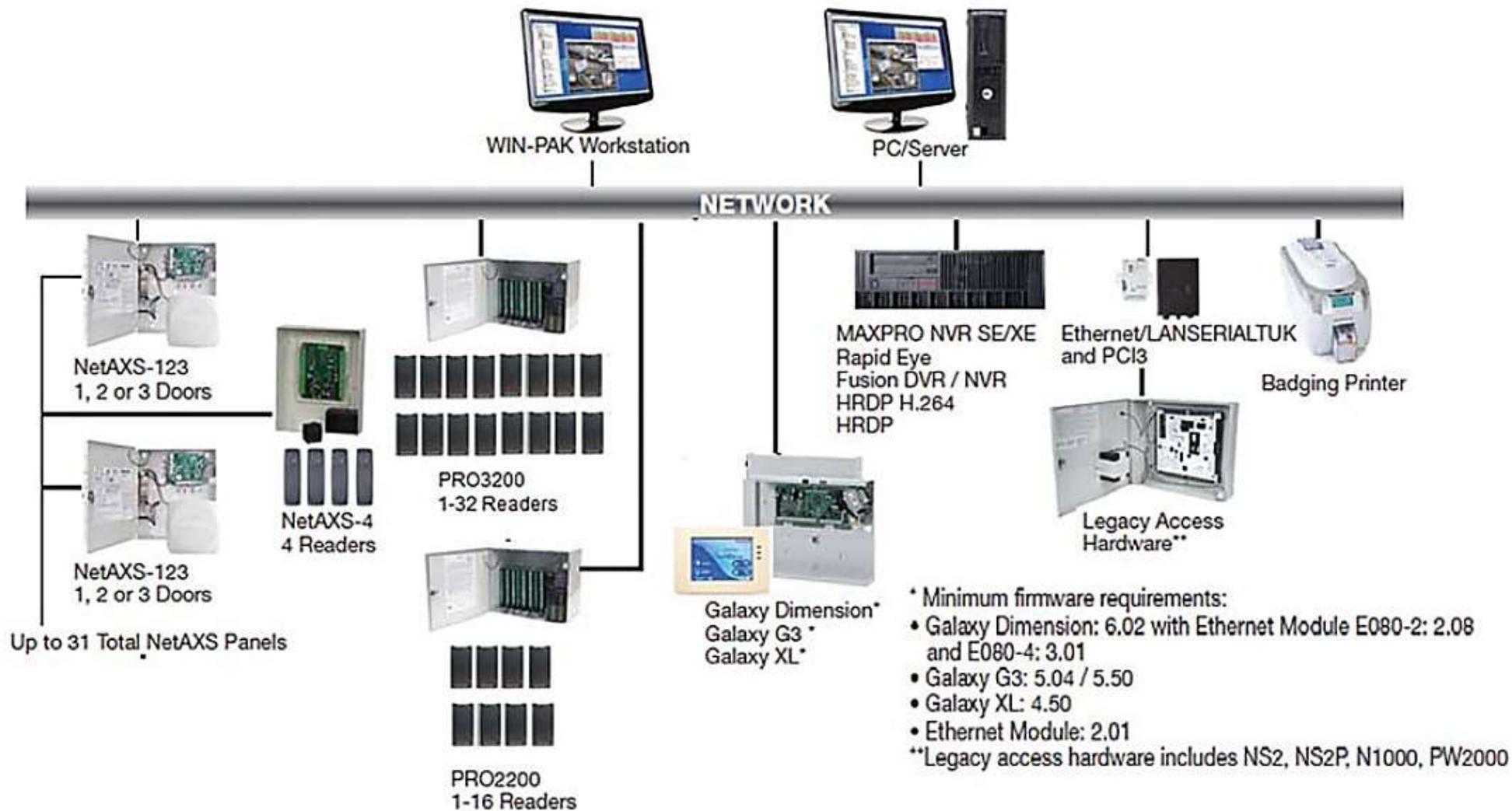
S.No	Gen Time	Seq ID	Type	Status	P	
1	9/29/2015 12:57:30 PM	9584	Alarm Ack			NX123-S
2	9/29/2015 12:57:30 PM	9584	Alarm Clr			NX123-S
3	9/29/2015 12:57:36 PM	9693	Card	Card Found	79	NX123-S
4	9/29/2015 12:57:46 PM		Database	Camera Event Recording Completed		DB: Care
5	9/29/2015 12:58:27 PM		Operator Action	Panel Auto Initialization Started		NX123-S
6	9/29/2015 12:58:43 PM	9698	Card	Card Found	79	NX123-S
7	9/29/2015 12:58:43 PM	9701	Card	Card Found	79	NX123-S
8	9/29/2015 12:58:44 PM		Operator Action	Group Unset		GD_stor
9	9/29/2015 12:58:44 PM	9697	Card	Attempt to UnSet from	10	GD_stor
10	9/29/2015 12:58:44 PM	9704	Card	Card Found	79	NX123-S
11	9/29/2015 12:58:45 PM		Operator Action	Group Unset		GD_stor
12	9/29/2015 12:58:45 PM	9700	Card	Attempt to UnSet from	10	GD_stor
13	9/29/2015 12:58:46 PM		Operator Action	Group Set		GD_stor
14	9/29/2015 12:58:46 PM	9703	Card	Attempt to Set from	10	GD_stor
15	9/29/2015 12:58:50 PM	9705	Point	Group Unset	10	GD_stor

Agenda

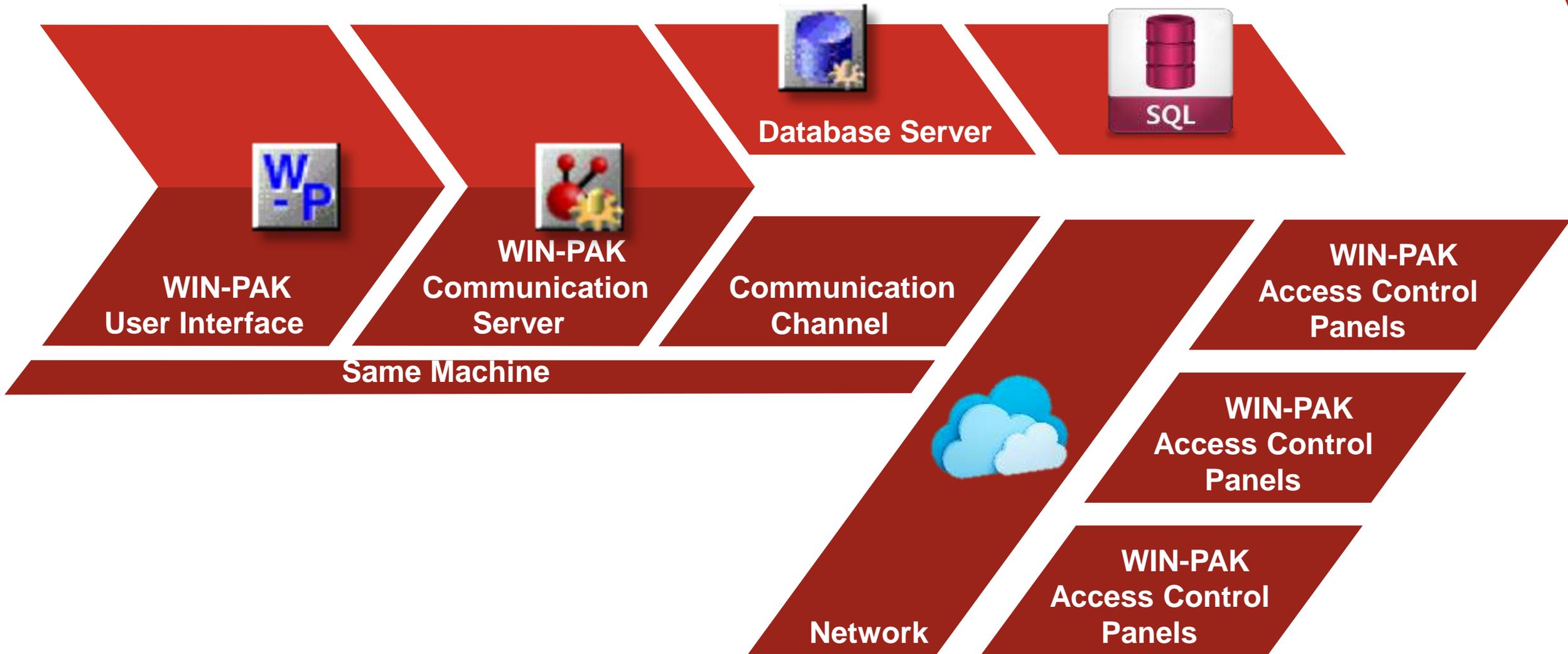
- 01 WIN-PAK Family
- 02 WIN-PAK Architecture**
- 03 WIN-PAK Features
- 04 Security Solutions
- 05 Access Control Hardware
- 06 Readers & Credentials



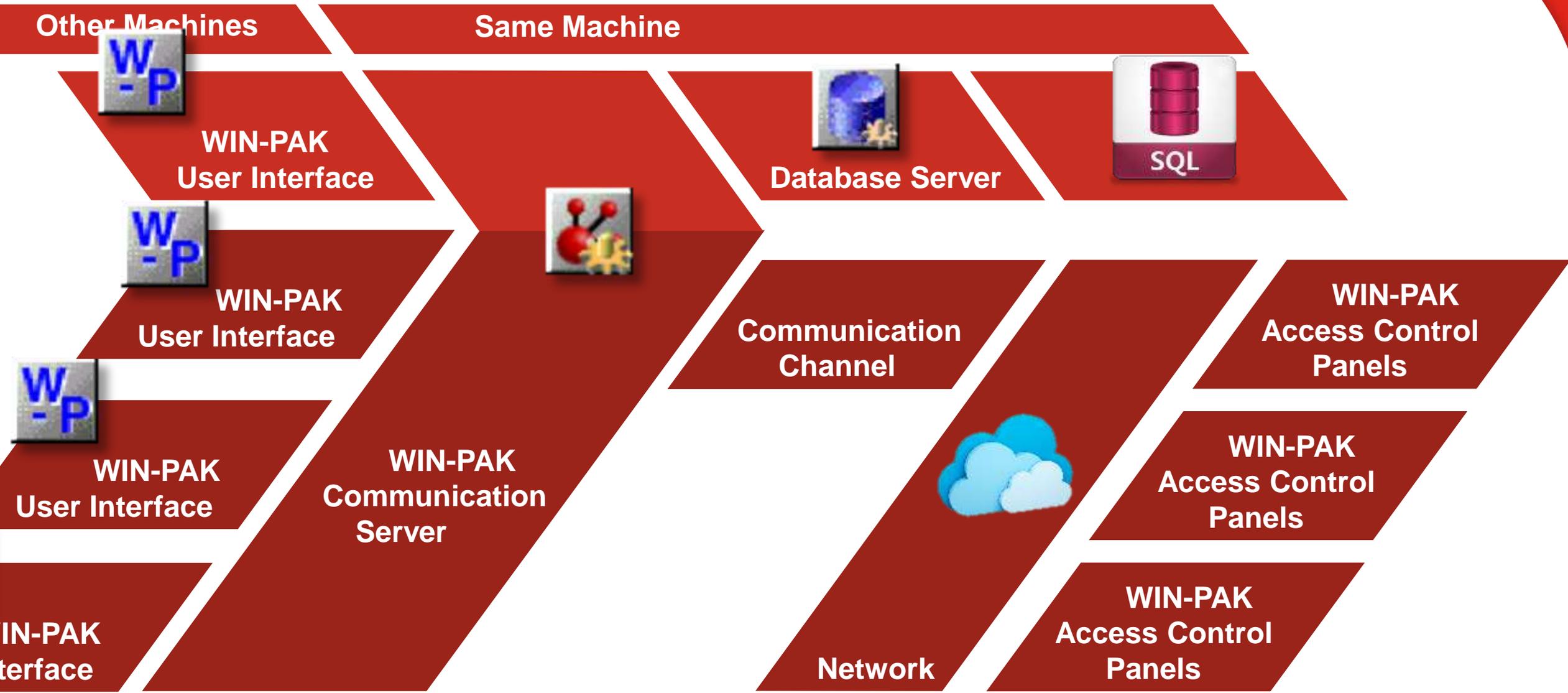
WIN-PAK Connection Structure



WIN-PAK Communication Architecture



WIN-PAK Communication Architecture



Agenda

- 01 WIN-PAK Family
- 02 WIN-PAK Architecture
- 03 WIN-PAK Features**
- 04 Security Solutions
- 05 Access Control Hardware
- 06 Readers & Credentials



WIN-PAK Card Options

Card Record

Card Properties | Badge

Card Number : 12345 Status : Active Issue : 0

Card Holder : Access Level : Training Access Level PIN: Privileged

Description: Car attached credential

Account : General Account Visitor

P-Series Trigger Control

User Level: 0 Custom Access Level: Add... Action Group: None View..

NetAXS Card Type

Standard Limited Number of Uses

Supervisor 0

VIP Temporary

Activation Date Expiration Date

Change Clear 1/20/2016 Change Clear

Note: If the card is to be used with a NetAXS Panel then the temp value must be checked for the expiration date to be valid.

Note2: 6 Digit PINs are compatible with NetAXS and P series panels only. If N1000 panels are also present in the system then operator must take care to configure PIN between 1 and 65535.

OK Cancel Apply Help

Card / Credential Options

Card details

Activation and Expiration options

PRO3200 panel specific details

NetAXS panel specific details

Badge front and back layout

WIN-PAK Card Options

Card Record

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OK Cancel Apply Help

Card / Credential Options

Card details

- Card number
 - Access Level
 - Access template
- Status
 - Active
 - Inactive
 - Trace
- Issue number
 - Privileged
 - Possibility to set and unset part. with card
 - Card Description
- Card Holder
 - Multiple cards per user

Activation and Expiration options

PRO3200 panel specific details

NetAXS panel specific details

Badge front and back layout

WIN-PAK Card Options

Card Record

Card Properties | Badge

Card Number : 12345 Status : Active Issue : 0

Card Holder : Access Level : Training Access Level PIN: Privileged

Description: Car attached credential

Account : General Account Visitor

P-Series Trigger Control Custom Access Level : Add... Action Group : None View..

User Level: 0

NetAXS Card Type

Standard Limited Number of Uses

Supervisor 0

VIP Temporary

Activation Date Expiration Date

Change Clear 1/20/2016 Change Clear

Note: If the card is to be used with a NetAXS Panel then the temp value must be checked for the expiration date to be valid.

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OK Cancel Apply Help

Card / Credential Options

Card details

Activation and Expiration options

○ Activation Date

○ Expiration Date

PRO3200 panel specific details

NetAXS panel specific details

Badge front and back layout

WIN-PAK Card Options

The screenshot shows the 'Card Record' application window with the following fields and options:

- Card Properties | Badge**
- Card Number: 12345
- Status: Active
- Issue: 0
- Card Holder: [Empty]
- Access Level: Training Access Level
- PIN: [Empty]
- Description: Car attached credential
- Account: General Account
- Privileged
- Visitor
- P-Series Trigger Control** (highlighted):
 - User Level: 0
- Custom Access Level: Add...
- Action Group: None
- View..
- NetAXS Card Type**
 - Standard
 - Supervisor
 - VIP
 - Limited Number of Uses
 - Temporary
- Activation Date: 1/20/2016
- Expiration Date: [Empty]

Note: If the card is to be used with a NetAXS Panel then the temp value must be checked for the expiration date to be valid.

Note2: 6 Digit PINs are compatible with NetAXS and P series panels only. If N1000 panels are also present in the system then operator must take care to configure PIN between 1 and 65535.

Buttons: OK, Cancel, Apply, Help

Card / Credential Options

Card details

Activation and Expiration options

PRO3200 panel specific details

- User Level
- PRO3200 specific rank available to trigger events on card presentation (panel processing)

NetAXS panel specific details

Badge front and back layout

WIN-PAK Card Options

Card Record

Card Properties | Badge

Card Number : 12345 Status : Active Issue : 0

Card Holder : Access Level : Training Access Level PIN: Privileged

Description: Car attached credential

Account : General Account Visitor

P-Series Trigger Control Custom Access Level : Add... Action Group : None View..

User Level: 0

NetAXS Card Type

Standard Limited Number of Uses

Supervisor 0

VIP Temporary

Activation Date: 1/20/2016 Expiration Date:

Note: If the card is to be used with a NetAXS Panel then the temp value must be checked for the expiration date to be valid.

Note2: 6 Digit PINs are compatible with NetAXS and P series panels only. If N1000 panels are also present in the system then operator must take care to configure PIN between 1 and 65535.

OK Cancel Apply Help

Card / Credential Options

Card details

Activation and Expiration options

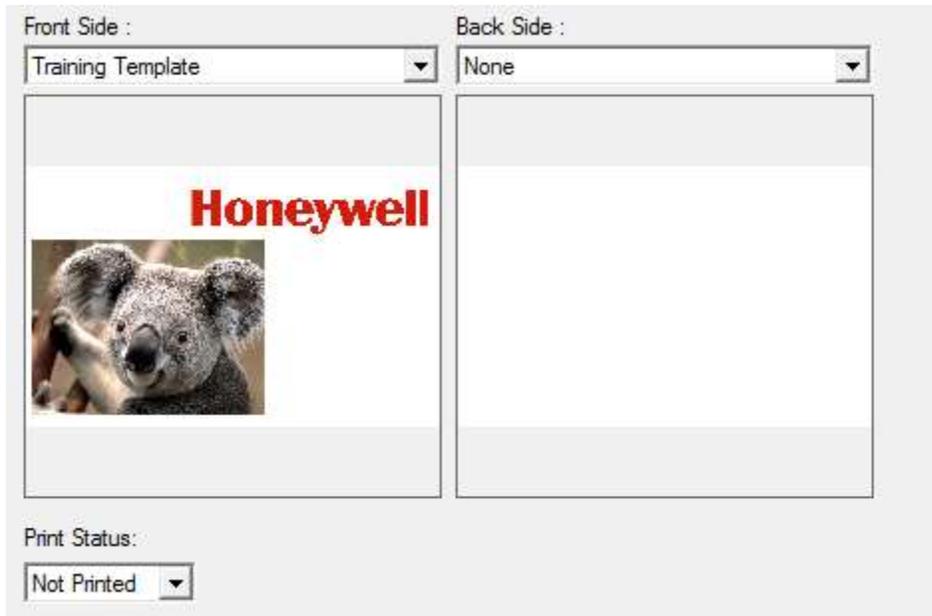
PRO3200 panel specific details

NetAXS panel specific details

- Standard
 - Access during normal timezone
 - Supervisor
 - Also access only with card during *Card and PIN, Card or PIN PIN only* timezones
 - VIP
 - Also access during *Disable* or *Lock door* timezones
- Limited number of uses
 - Temporary flag

Badge front and back layout

WIN-PAK Card Options



Card / Credential Options

Card details

Activation and Expiration options

PRO3200 panel specific details

NetAXS panel specific details

Badge front and back layout

- Front and back side print template
- Print Status flag

WIN-PAK Bulk Card ADD

Bulk Card Add

Start Number : End Number : Status : Inactive

Access Level : None Visitor

Badge Front: None Badge Back: None

Account : General Account

Activation Date: Change Clear

Expiration Date: Change Clear

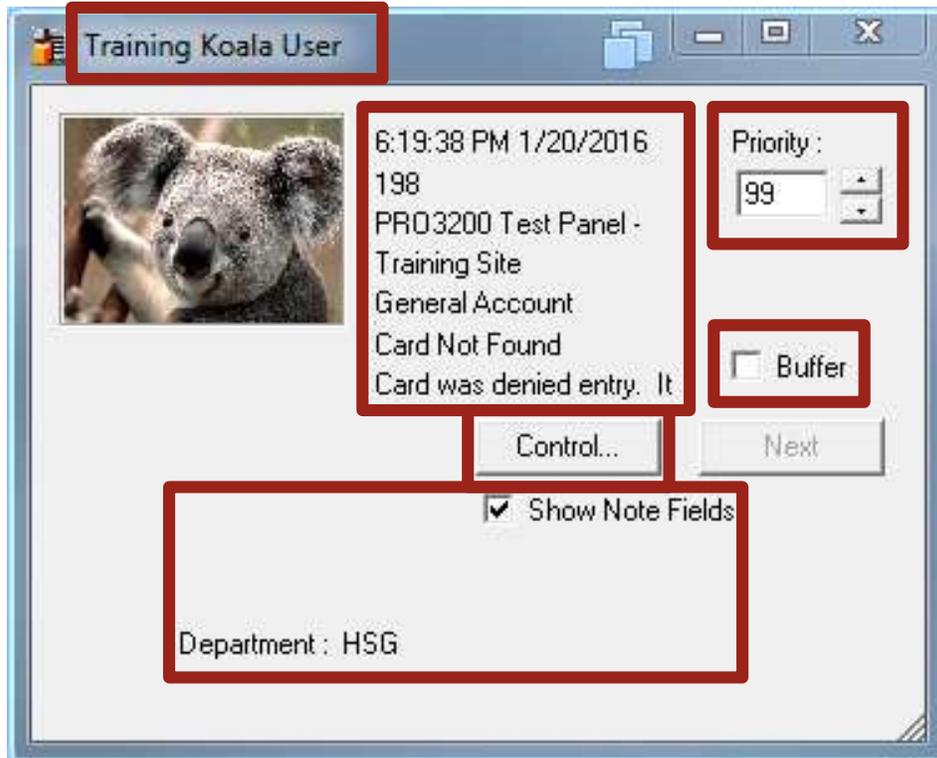
Progress

Start Stop Close

Bulk Card Add

- Start and End number of the batch
- Status of cards batch
- Predefined Access Level assigned
- Front and Back assigned layout
- Activation and Expiration date

Guard Tool – AutoCard Lookup



AutoCard Lookup

- First and Last name of the user that presented last card
- Time
 - Date
 - Card number
 - Reader Name
 - Tenant / Account name
- Extra defined information
- Selection of maximum priority level of the card swipe event (later defined in Action Group)
- Selection of readers to monitor
- Buffering of other card swipe events

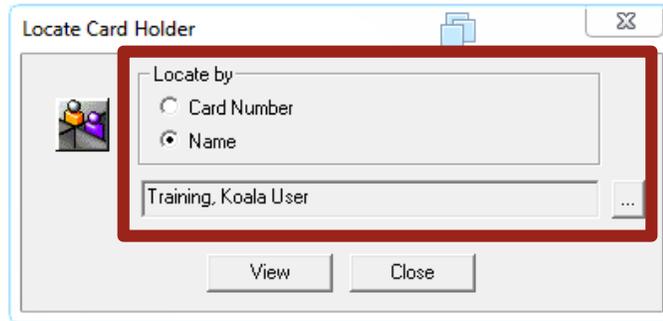
WIN-PAK Floor Plan



Floor Plan

- Display in real time status of system elements (color coded)
- Ability to control directly with element specific commands
 - Ex: for doors menu from screenshot
- Ability of transition directly from one floor plan to the other

WIN-PAK Locate card holder



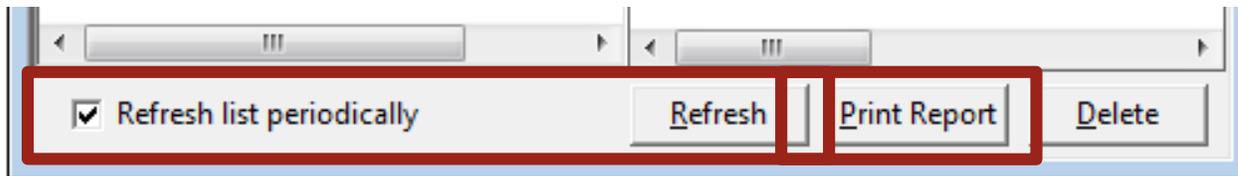
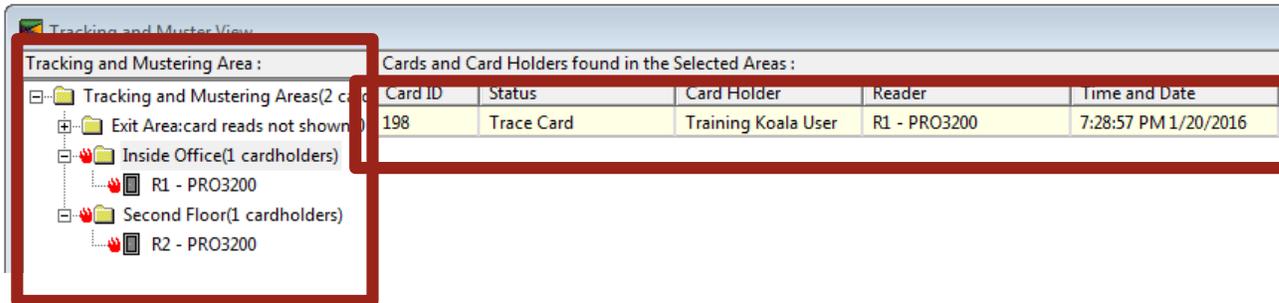
Card Number	Account	Card Holder	Reader Name	Site	Date/Time	Last Status	Tracking Area
198	General Account	Training, Koala User	R2 - PRO3200	Training Site	01/20/16 19:19:32	Trace	Second Floor

Locate Card Holder

- Select locating details
- Results of specified user
- Last reader on which card was swiped and Area in which is situated

Locate function works best when monitored
doors have readers for IN and for OUT

WIN-PAK Tracking Areas

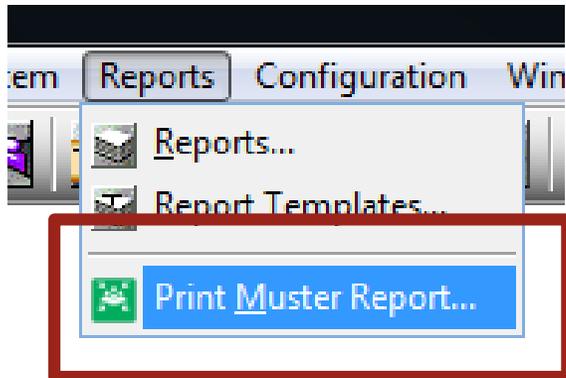
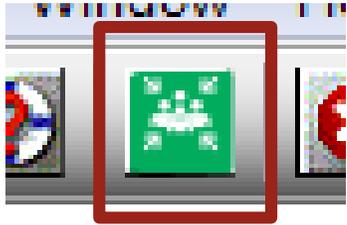


Tracking function works best when monitored
doors have readers for IN and for OUT

Tracking Areas

- Select tracking area to monitor
- List refreshes periodically or process can be speed up by hitting Refresh
- Details of card holder inside tracking area, are displayed
- Results can be transformed into a report

WIN-PAK Mustering Report



TRACKING AND MUSTER VIEW REPORT

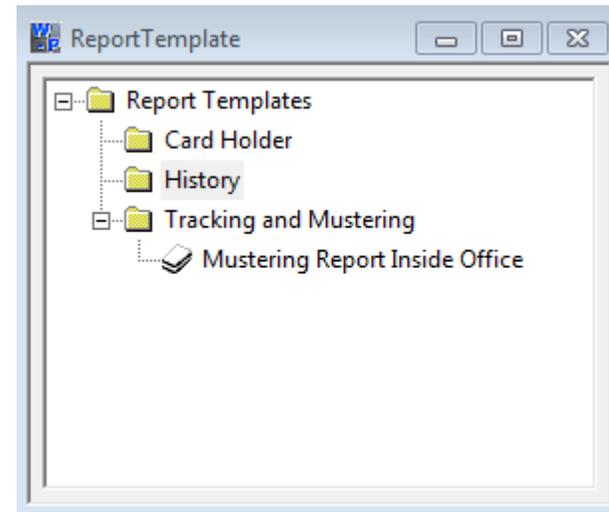
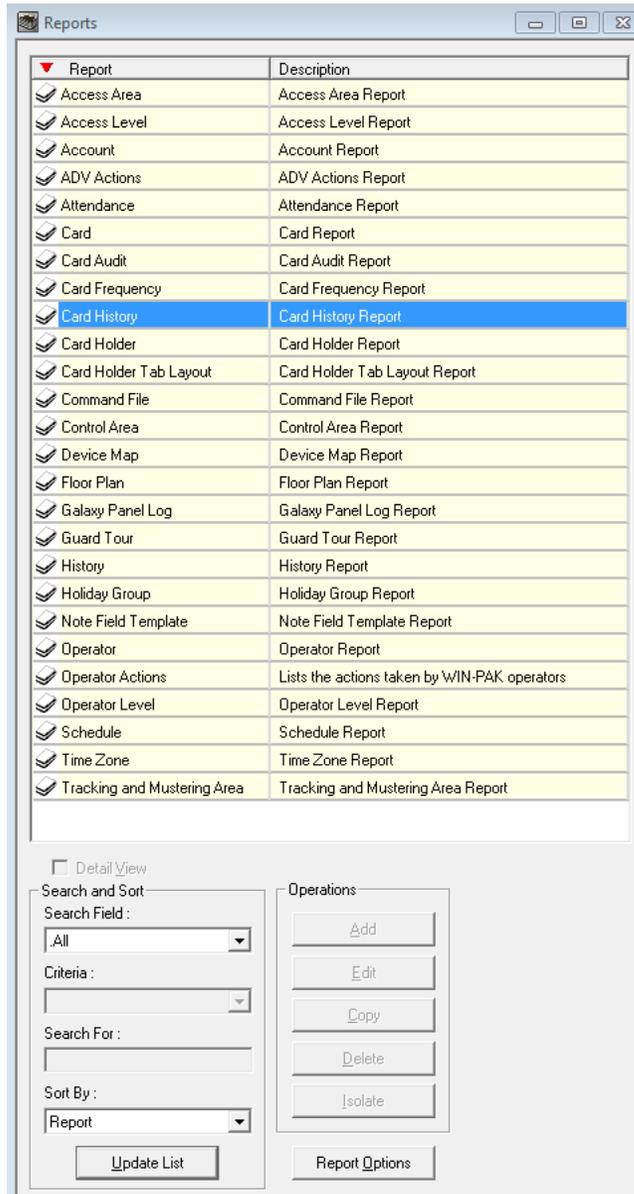
<u>Card Holder</u>	<u>Reader</u>	<u>Date/Time</u>	<u>Status</u>	<u>Card ID</u>
Training Goals User	RI - PRO3200	7:28:57 PM 1/20/2016	Trace Card	198

Muster function works best when monitored doors have readers for IN and OUT and the meeting point is having also an OUT reader

Mustering report

- One click away report generation of card holders inside the defined muster area
- Print of report can be automatized to be generated after a predefined event (Ex. Fire Alarm input activation)
- Report is printed directly to the predefined printer to be ready for evaluation and people counting

WIN-PAK Reports



WIN-PAK Reports

- Ability to generate instant reports about any data from Database (historical or current configuration)
- Definition of report templates for later usage in automated processes like schedules

WIN-PAK Guard Tour

Guard Tour Record

Name | Sequenced Check Point | Unsequenced Check Point

Select

Inputs... Readers...

Selected Check Points :

#	Check Point	Valid Only	Time (hh:mm)	(+) (hh:mm)	(-) (hh:mm)
1	R1 - PRO3200	Y	00:01	00:05	00:05
2	R2 - PRO3200	N	00:30	00:05	00:05
3	R1 - PRO3200	Y	06:01	00:05	00:05
4	R2 - PRO3200	N	06:30	00:05	00:05
5	R1 - PRO3200	Y	21:01	00:05	00:05
6	R2 - PRO3200	N	21:30	00:05	00:05

Guard Tour - Sequenced

- Defines a sequence of checkpoints that need to be passed by some specific hours
- Events like Early Arrival, Late Arrival, Missed or Out of Sequence can trigger other automatized actions

Name | Sequenced Check Point | Unsequenced Check Point

Select

Inputs... Readers...

Selected Check Points :

#	Check Point	Valid Only
1	R1 - PRO3200	Y
2	R2 - PRO3200	N

Guard Tour - Unsequenced

- Defines a series of checkpoints that need to be passed
- Passing them will generate only Checked events that can trigger other automatized actions

WIN-PAK Macros

Name	Device Type	HW Device	Sub Device	Action Group
Command File Server	Server	Command File Server		Command File Server
Communication Server	Server	Communication Server		Communication Server
Guard Tour Server	Server	Guard Tour Server		Guard Tour Server
NextAXS 123 Test Panel	NetAXS Gate...	NextAXS_123_Training		NetAXS Panel
NextAXS_123_Training - Read...	Entrance	NextAXS_123_Training		NetAXS Entrance
NextAXS_123_Training - Read...	Entrance	NextAXS_123_Training		NetAXS Entrance
NextAXS_123_Training - Read...	Entrance	NextAXS_123_Training		NetAXS Entrance
PRO3200 Test Panel	Panel	PRO3200 Test Panel		P-Series Intelligent Controller
PRO3200 Test Panel - SID Bo...	SID Board	PRO3200 Test Panel		P-Series SID Boards
R1 - PRO3200	Entrance	PRO3200 Test Panel	Board 1, Port 6, SID 0 : 2-Reader I/O	.Custom
R2 - PRO3200	Entrance	PRO3200 Test Panel	Board 1, Port 6, SID 0 : 2-Reader I/O	.Custom
Schedule Server	Server	Schedule Server		Schedule Server
Tracking & Mustering Server	Server	Tracking & Mustering Server		Tracking Server

Action Group : P-Series Reader

Action	Priority
Anti-Passback Violation	30
APB violation, door not used	30
APB violation, door used	30
Card Not Found	30
Door Ajar	20
Door locked	30
Door Normal	20
Door Troubled	20
Door Unlocked	79

Priority : 30 Send Email :

Time Zone : .Always

Command Files

Receive : None

Acknowledge : None

Clear : None

Sound File :

Digital Video Camera :

Write To History : Print :

Message :
Card was denied entry because it has already been used going in/out with out properly going out/in.

OK Cancel

WIN-PAK ADVs and Action Groups

- ADV or Abstract Device is a logical representation of a physical device (readers, panels, inputs, outputs ...) or software component (Communication Server, Schedule Server, ...)
- An Action Group is a set of events that is possible to encounter for that specific type of ADV
- Screenshot shows the list of events for a door (reader, door status, request to exit, locking device) on a PRO3200 panel

WIN-PAK Macros

Abstract Device Record - Entrance

ADV

Name : R2 - PRO3200

Description :

Default Floor Plan : .None

Action Group

Name : .Custom

Custom

P-Series Reader

Actions

Action : Anti-Passback Violation

Priority : 30

Send Email :

Time Zone : .Always

Write to History :

Print on alarm printer :

Command File on

Receive : APB Flash On

Acknowledge : None

Clear : APB Clear

Sound File :

Digital Video Camera : .None

Alarm Detail View Message : Advanced...

Card was denied entry because it has already been used going in/out with out properly going out/in.

OK Cancel

WIN-PAK ADVs

- ADV name and Description
- Action Group (list of events) that is applied (predefined / custom)
- List of events that may be encountered for that specific device
- Setup for that specific event
- List of commands to be processed upon Receiving, Acknowledging and Clearing the event
- Sounds to be played on monitoring computer and cameras reactions (fixed and PTZ)
- Elaborate description for monitoring Guard

WIN-PAK Macros

Command File List

Name : Description :

Abstract Device (ADV)	Command	Parameters
Security Room Flash	Energize	
	Wait	Length of Delay = 2 secs
Security Room Flash	De-energize	
	Wait	Length of Delay = 5 secs
Security Room Flash	Energize	

Move Command :

Command File Record

Command File List

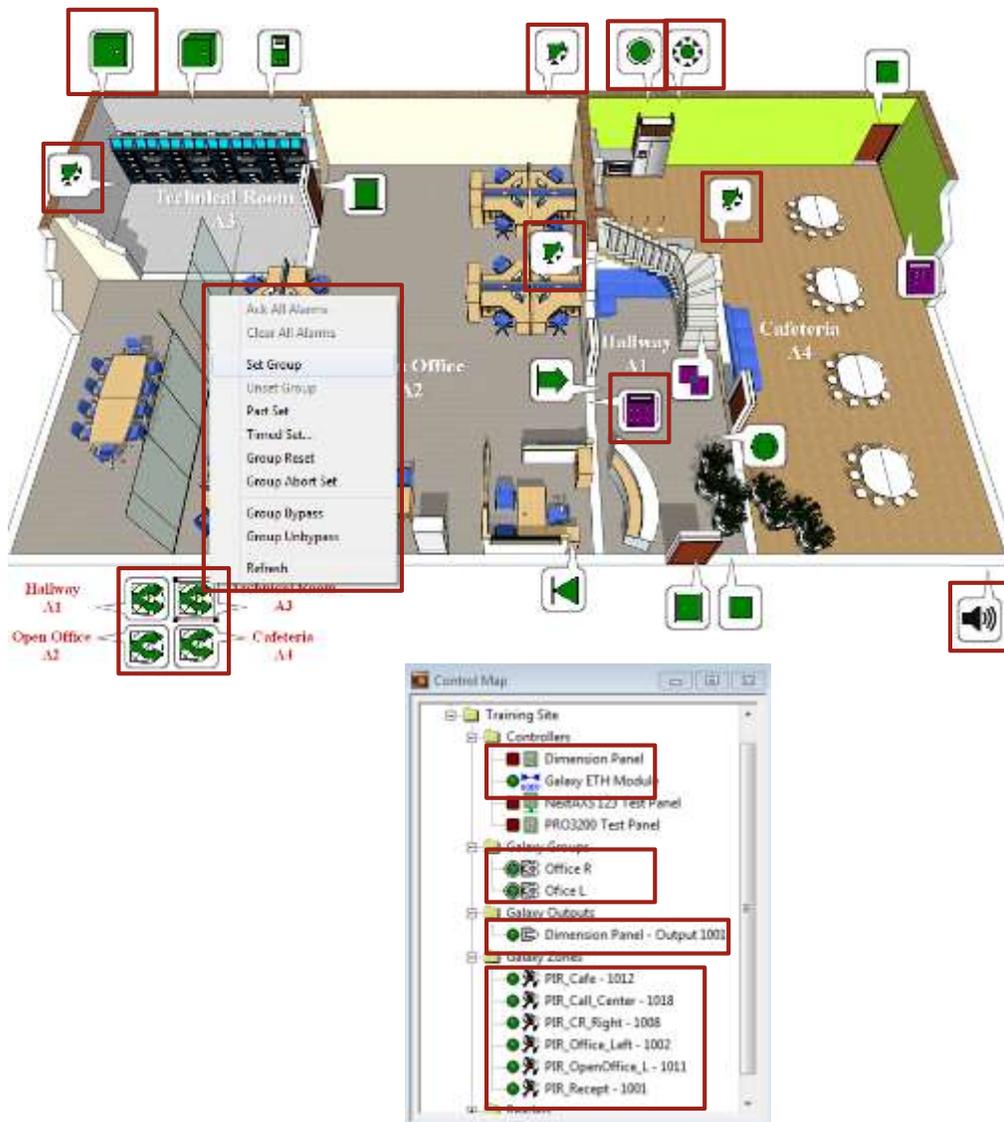
Name : Description :

Abstract Device (ADV)	Command	Parameters
Security Room Flash	De-energize	

WIN-PAK Command File

- Command Files are a list of instructions to be followed by a Hardware or Software component of the system
- These are triggered by events that have in their ADV, the command file defined
- For each type of component selected there is a series of specific commands that can be issued
- Ex: an output can be:
 - Energized
 - De-Energized
 - Pulsed (ON – Panel defined delay – OFF)
 - Timed Pulsed (ON – Custom defined delay – OFF)

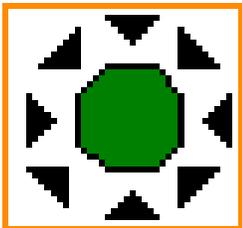
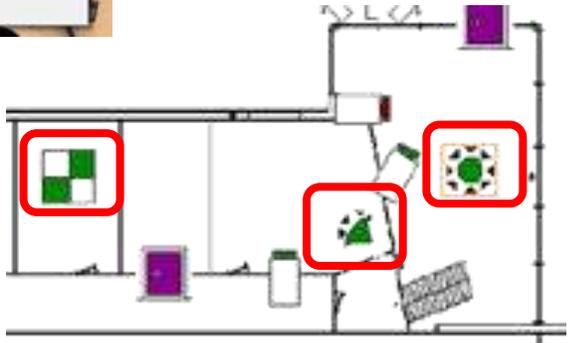
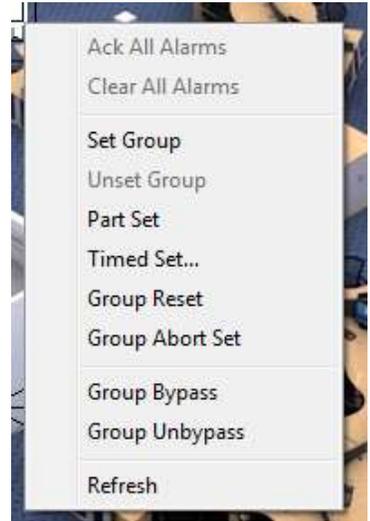
WIN-PAK Galaxy (intruder panel) Integration



WIN-PAK Galaxy Integration

- Available for WIN-PAK SE / PE and the new GX
- Integrates already configured Galaxy Classic, G3 and Dimension
- Allows control of partitions, zones and outputs
- Integration of Galaxy elements directly in floor plan like all other WIN-PAK elements
- Direct control from floor plan
- Ability to create Macros between any other element and any Galaxy element

WIN-PAK Galaxy (intruder panel) Integration



WIN-PAK Galaxy Integration

- Control of only available options (non usable menus are greyed out)

- Multiple icons available for Galaxy elements:
 - 11 icon types for Zones
 - 4 icon types for Groups
 - 4 icon types for Outputs

- Zone status added to clearly indicate for zone if corresponding Group is armed

WIN-PAK Video Integration



RapidEye



HRDP



Fusion



MaxPro NVR



WIN-PAK Video Integration

- Support of Honeywell DVRs and NVRs
- IP and Analogue cameras
- Interaction with WIN-PAK Floor plans
- Ability to create Macros between any other element and any Video element

WIN-PAK Video Interface

- Live and playback video
- Digital and Manual PTZ control
- Enhance / Mirror video images
- Multiple salvos (setup of multiple images)
- Export video clips and salvos
- Save Snapshot of video

WIN-PAK Schedule Server

▼ Schedule Name	Type	Frequency	Next Date And Time
 Update cards every day	Activate and Deactivate Cards	Daily	Friday, January 22, 2016 12:01:00 AM
 Update Custom AL every day	Update Access Level	Daily	Friday, January 22, 2016 12:01:00 AM
 Update date and time every day	Send Date and Time	Daily	Friday, January 22, 2016 3:00:00 AM

Schedule recurrent automated activities like:

Card Frequency Report (deactivate unused or less used cards)

WIN-PAK Schedule Server

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Schedule recurrent automated activities like:

Card Frequency Report (deactivate unused or less used cards)

Generate Reports

WIN-PAK Schedule Server

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 Update date and time every day	Send Date and Time	Daily	Friday, January 22, 2016 3:00:00 AM

Schedule recurrent automated activities like:

Card Frequency Report (deactivate unused or less used cards)

Generate Reports

Backup Database

WIN-PAK Schedule Server

▼ Schedule Name	Type	Frequency	Next Date And Time
 Update cards every day	Activate and Deactivate Cards	Daily	Friday, January 22, 2016 12:01:00 AM
 Update Custom AL every day	Update Access Level	Daily	Friday, January 22, 2016 12:01:00 AM
 Update date and time every day	Send Date and Time	Daily	Friday, January 22, 2016 3:00:00 AM

Schedule recurrent automated activities like:

Card Frequency Report (deactivate unused or less used cards)

Generate Reports

Backup Database

Purge History

WIN-PAK Schedule Server

▼ Schedule Name	Type	Frequency	Next Date And Time
 Update cards every day	Activate and Deactivate Cards	Daily	Friday, January 22, 2016 12:01:00 AM
 Update Custom AL every day	Update Access Level	Daily	Friday, January 22, 2016 12:01:00 AM
 Update date and time every day	Send Date and Time	Daily	Friday, January 22, 2016 3:00:00 AM

Schedule recurrent automated activities like:

Card Frequency Report (deactivate unused or less used cards)

Generate Reports

Backup Database

Purge History

Run Command Files

WIN-PAK Schedule Server

▼ Schedule Name	Type	Frequency	Next Date And Time
 Update cards every day	Activate and Deactivate Cards	Daily	Friday, January 22, 2016 12:01:00 AM
 Update Custom AL every day	Update Access Level	Daily	Friday, January 22, 2016 12:01:00 AM
 Update date and time every day	Send Date and Time	Daily	Friday, January 22, 2016 3:00:00 AM

Schedule recurrent automated activities like:

Card Frequency Report (deactivate unused or less used cards)

Generate Reports

Backup Database

Purge History

Run Command Files

Run Guard Tours

...

WIN-PAK Accounts (PE only)

Operator 1



Account 1 / Tennant 1

Operator 2

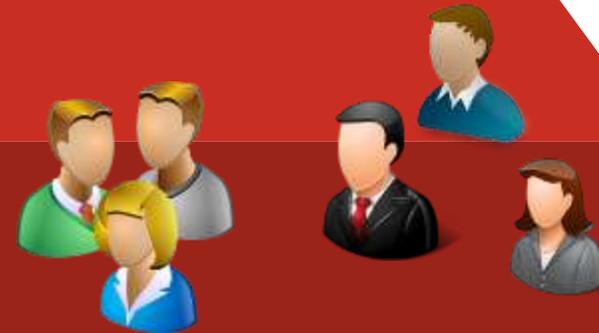


Account 1 & 2 / Tennant 1 & 2

Operator 3



Account 2 / Tennant 2



Management of
Account 1 / Tennant 1 Users

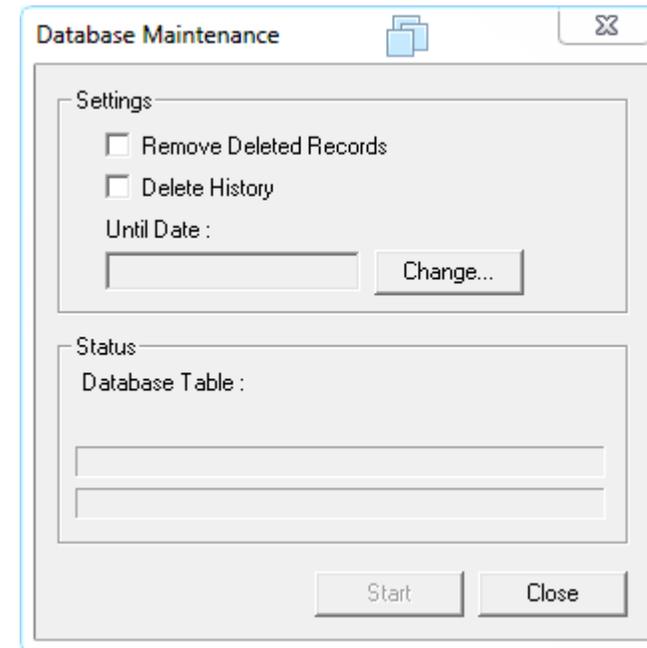


Management of
Account 2 / Tennant 2 Users

WIN-PAK Maintenance Tools

WIN-PAK Maintenance

Manual Purge History



WIN-PAK Maintenance Tools

WIN-PAK Maintenance

Manual Purge History

Database Limits and Capacities

Database Limits and Capacities

Database

Current Size	12.66	MB	0.63%
 Warning Threshold	1500	MB	75.00%
 Alarm Threshold	2000	MB	100.00%

Database Disk Drive Free Space

Current Free Space	27849	MB	68.00%
 Warning Threshold	1500	MB	3.66%
 Alarm Threshold	1000	MB	2.44%

Cancel OK

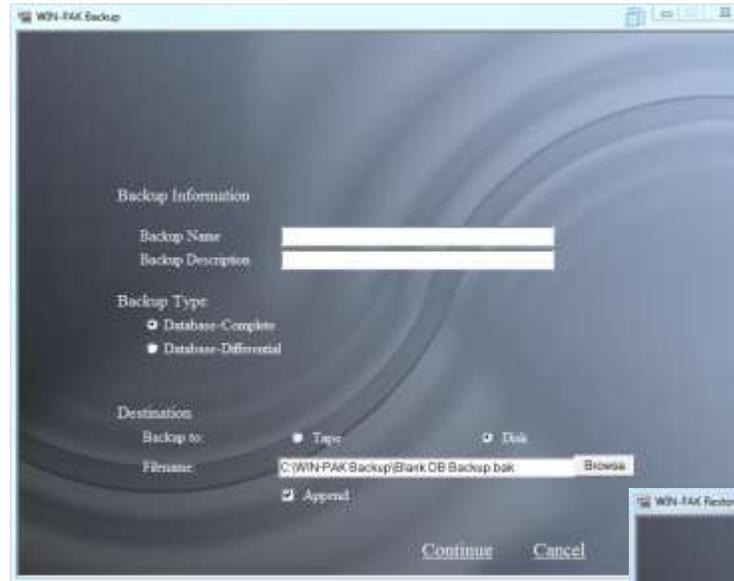
WIN-PAK Maintenance Tools

WIN-PAK Maintenance

Manual Purge History

Database Limits and Capacities

App: Backup & Restore Database



WIN-PAK Maintenance Tools

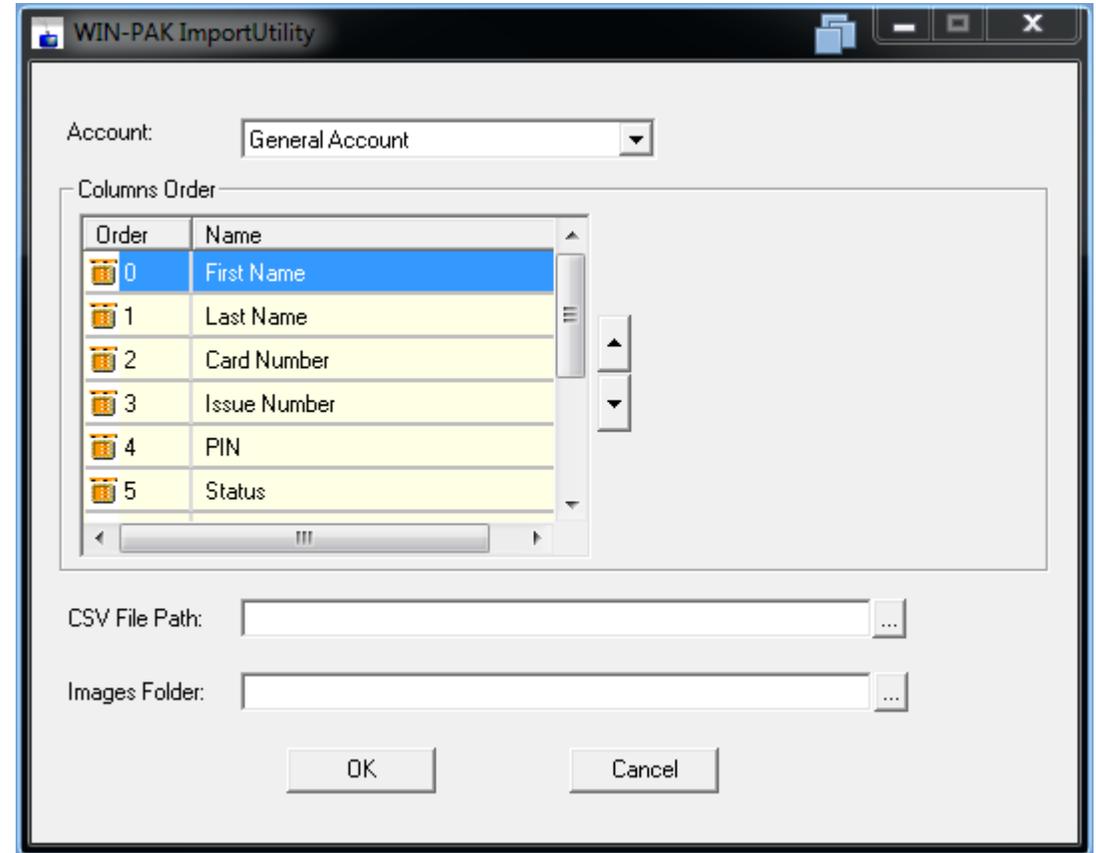
WIN-PAK Maintenance

Manual Purge History

Database Limits and Capacities

App: Backup & Restore Database

App: WIN-PAK Import Utility



WIN-PAK Maintenance Tools

WIN-PAK Maintenance

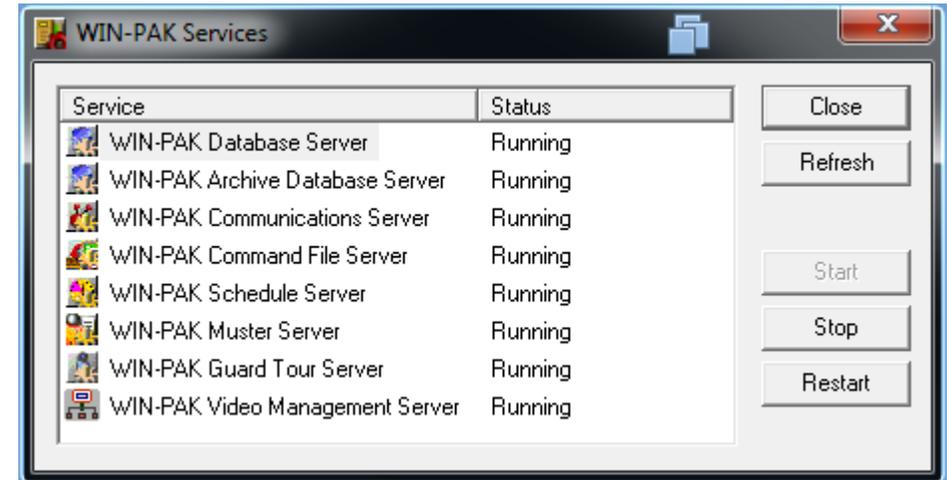
Manual Purge History

Database Limits and Capacities

App: Backup & Restore Database

App: WIN-PAK Import Utility

App: WIN-PAK Service Manager



WIN-PAK Maintenance Tools

WIN-PAK Maintenance

Manual Purge History

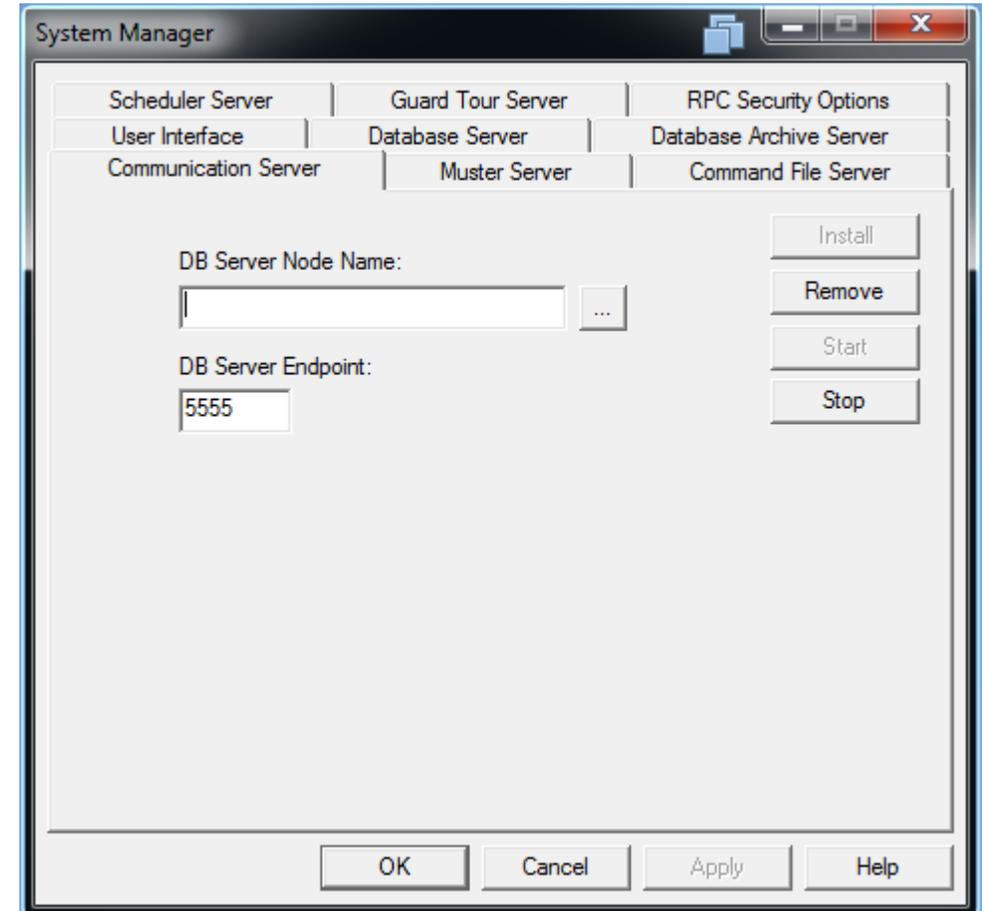
Database Limits and Capacities

App: Backup & Restore Database

App: WIN-PAK Import Utility

App: WIN-PAK Service Manager

App: WIN-PAK System Manager



Agenda

- 01 WIN-PAK Family
- 02 WIN-PAK Architecture
- 03 WIN-PAK Features
- 04 Security Solutions**
- 05 Access Control Hardware
- 06 Readers & Credentials



Security Solutions

Application

Small Commercial



Retail Chain – Small Sites
 Medium Commercial
 Large Commercial / Industrial
 High Security / Enterprise

Security Solution

Zones monitored : up to 520 / panel

32 Groups

Users : up to 1000 / panel



Galaxy Dimension

WIN-PAK for Galaxy



Easy Intruder user management

Security Solutions

Application

Security Solution

Small Commercial

Doors controlled : up to 3 / controller

Enclosure with PSU / Powered external or through POE

Can forward power to blocking device



NetAXS 123



Retail Chain – Small Sites
 Medium Commercial
 Large Commercial / Industrial
 High Security / Enterprise

Web browser configured



Doors controlled : 4

Internal power supply

Can provide power for blocking device



NetAXS 4

Security Solution

Application

Small Commercial
Retail Chain – Small Sites



Medium Commercial
Large Commercial / Industrial
High Security / Enterprise

Security Solution

Doors controlled : up to 3 / controller

Enclosure with PSU / Powered external
or through POE

Can forward power to blocking device



NetAXS 123

WIN-PAK for Access



Doors controlled : 4

Internal power supply

Can provide power for blocking device



NetAXS 4

Security Solution

Application

Security Solution

Small Commercial
Retail Chain – Small Sites

Zones monitored : up to 520 / panel

32 Groups

Users : up to 1000 / panel



Galaxy Dimension



WIN-PAK for Galaxy



Up to 5 Dimension panels

Medium Commercial
Large Commercial / Industrial
High Security / Enterprise

Security Solution

Application

Small Commercial
Retail Chain – Small Sites
Medium Commercial



Large Commercial / Industrial
High Security / Enterprise

Security Solution



NetAXS 123

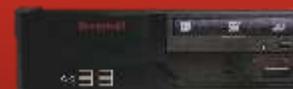


NetAXS 4

WIN-PAK for Integration



HRDP



MAXPRO NVR XE

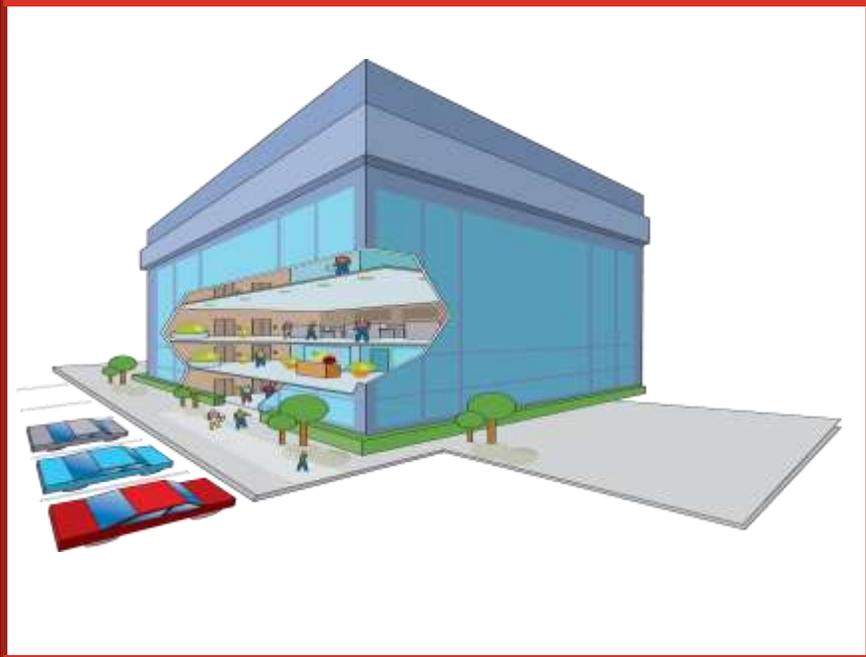


Galaxy Dimension

Security Solution

Application

Small Commercial
Retail Chain – Small Sites
Medium Commercial



Large Commercial / Industrial
High Security / Enterprise

Security Solution

Doors controlled : up to 32 / controller

16 Input & 16 Output boards available

Powerful internal processed macros

2 or 8 boards enclosure (also rackable version)



PRO3200

WIN-PAK for Integration



HRDP



MAXPRO NVR XE



Galaxy Dimension

Security Solution

Application

Small Commercial
Retail Chain – Small Sites
Medium Commercial
Large Commercial / Industrial
High Security / Enterprise



Security Solution

Doors controlled : up to 32 / controller
16 Input & 16 Output boards available
Powerful internal processed macros



PRO3200

WIN-PAK Ultimate



Fusion IV



MAXPRO NVR SE / PE



Galaxy Dimension

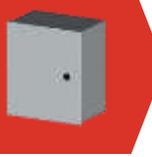
Agenda

- 01 WIN-PAK Family
- 02 WIN-PAK Architecture
- 03 WIN-PAK Features
- 04 Security Solutions
- 05 Access Control Hardware**
- 06 Readers & Credentials



NetAXS 123

NetAXS 123



Enclosures

Metal Enclosure



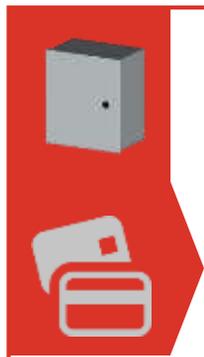
4A Power Supply and 12V 7Ah Battery included

AC terminal block with fuse

Plastic Enclosure



NetAXS 123



Cards

Metal or Plastic

10.000 Cards
128 Card Formats

NetAXS 123



Metal or Plastic

**10.000 Cards
128 Card Formats**

Events

25.000 Events

NetAXS 123



Metal or Plastic

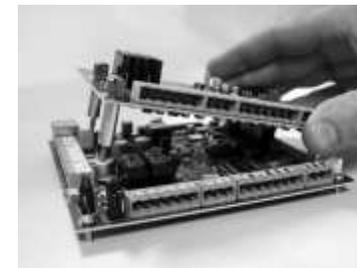
**10.000 Cards
128 Card Formats**

25.000 Events

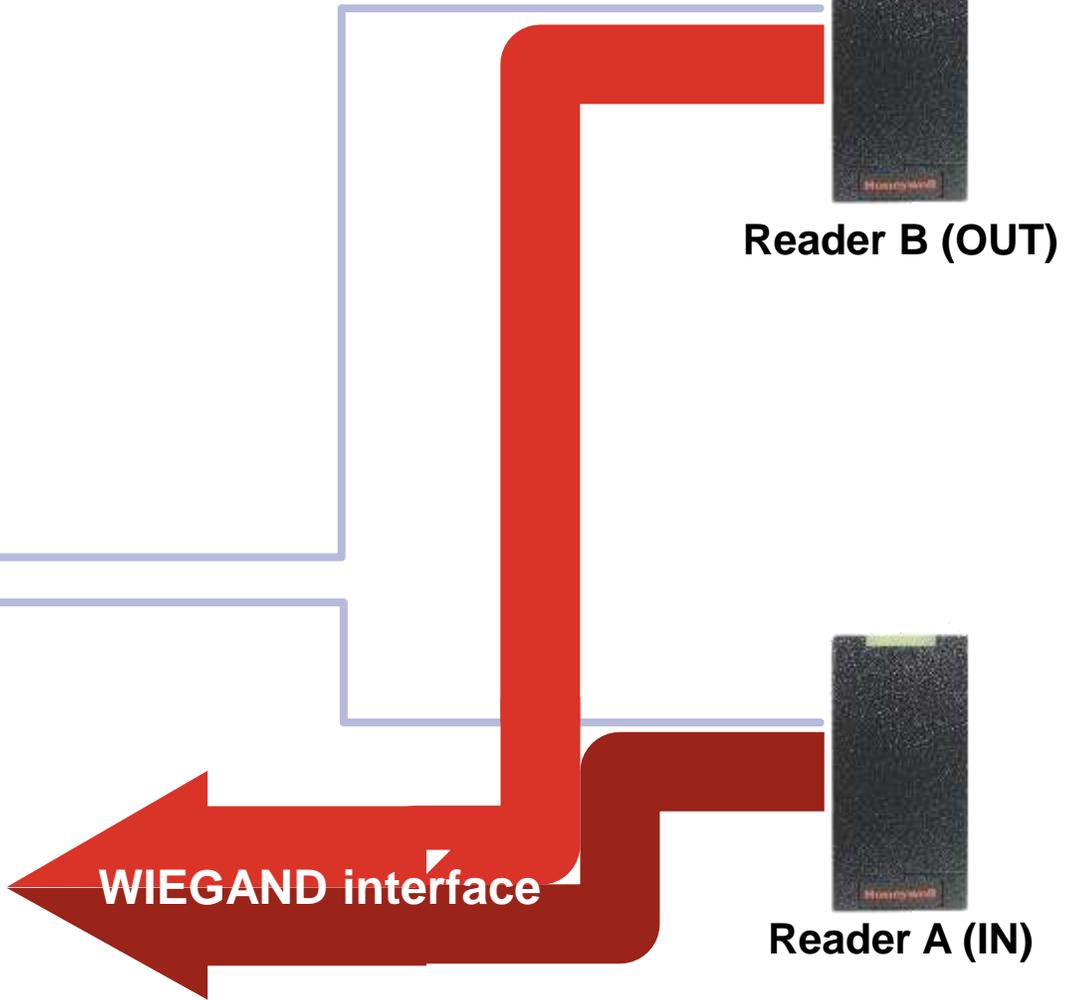
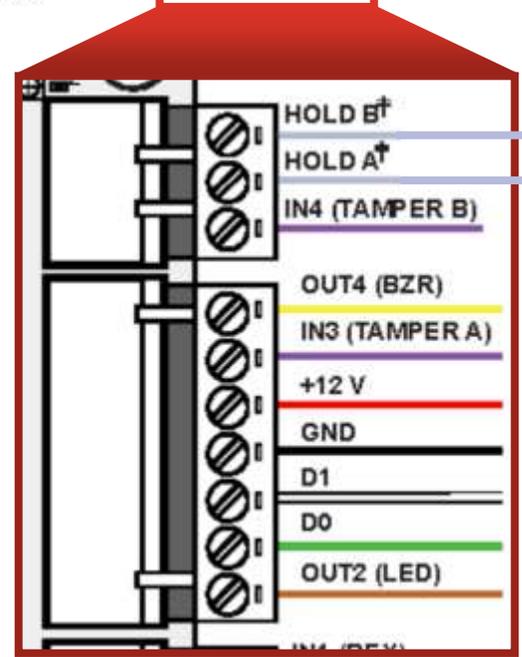
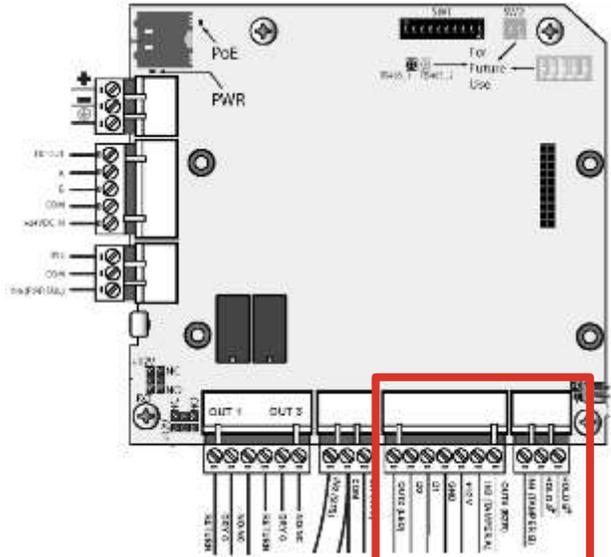


Doors

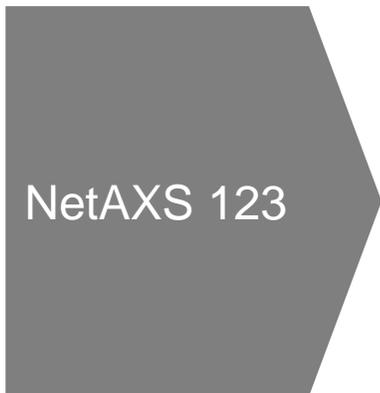
**Up to 3 doors (one
or two readers)**



NetAXS 123



NetAXS 123



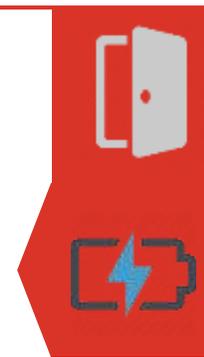
Metal or Plastic

**10.000 Cards
128 Card Formats**

25.000 Events

**Up to 3 doors (one
or two readers)**

**Power
12V or POE**



NetAXS 123

NetAXS 123



Metal or Plastic

**Up to 3 doors (one
or two readers)**



**10.000 Cards
128 Card Formats**

12V or POE



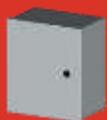
25.000 Events

**Communication
Ethernet, USB, RS-485**



NetAXS 123

NetAXS 123



Metal or Plastic

- Can forward power (POE – max 450 mA)

Up to 3 doors (one or two readers)



**10.000 Cards
128 Card Formats**

- Wiegand colored terminals

12V or POE



25.000 Events

- Basic panel macros
- 7 Inputs / 4 Outputs (2 Dry)

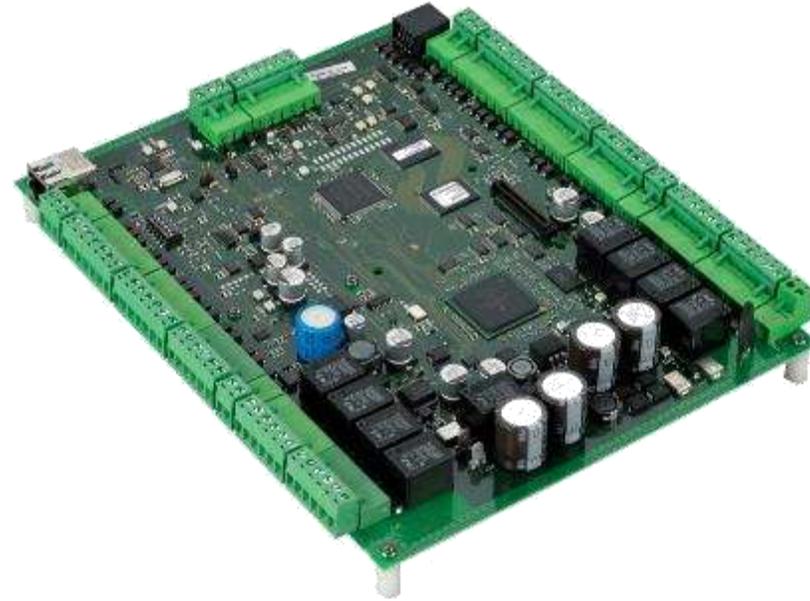
Ethernet, USB, RS-485



- 30 downstream panels

NetAXS 4

NetAXS 4



Enclosures

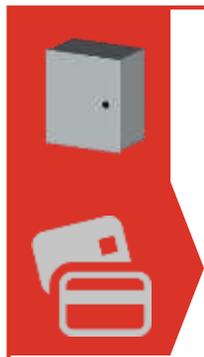
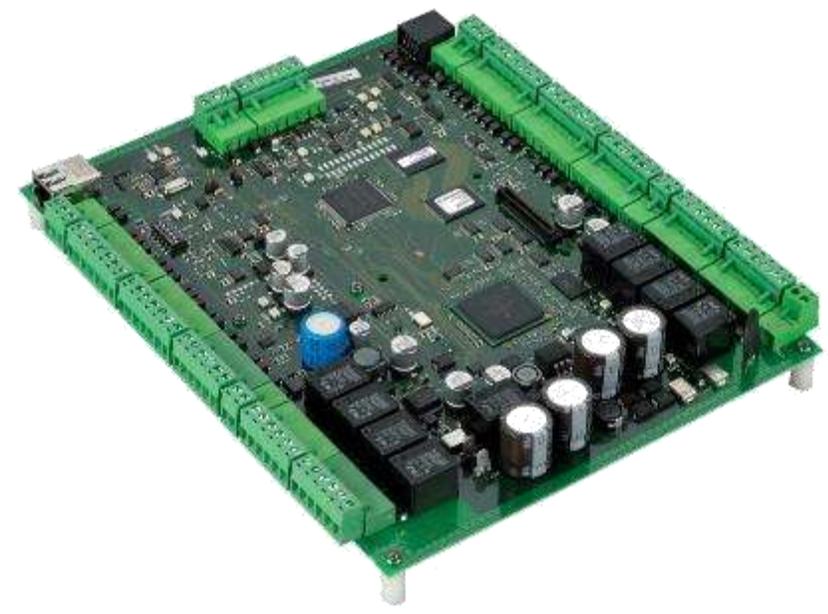
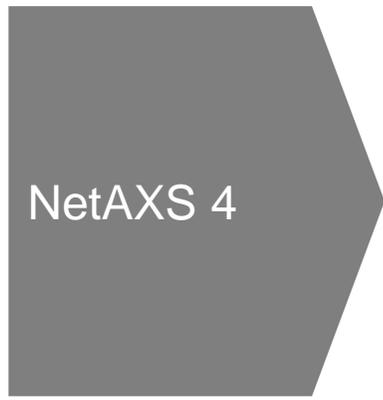


Metal Enclosure

12V 7Ah Battery included

220VAC transformer needed (PSX220)

NetAXS 4



Cards

Metal

**10.000 Cards
128 Card Formats**

NetAXS 4



Metal

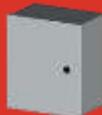
**10.000 Cards
128 Card Formats**

Events

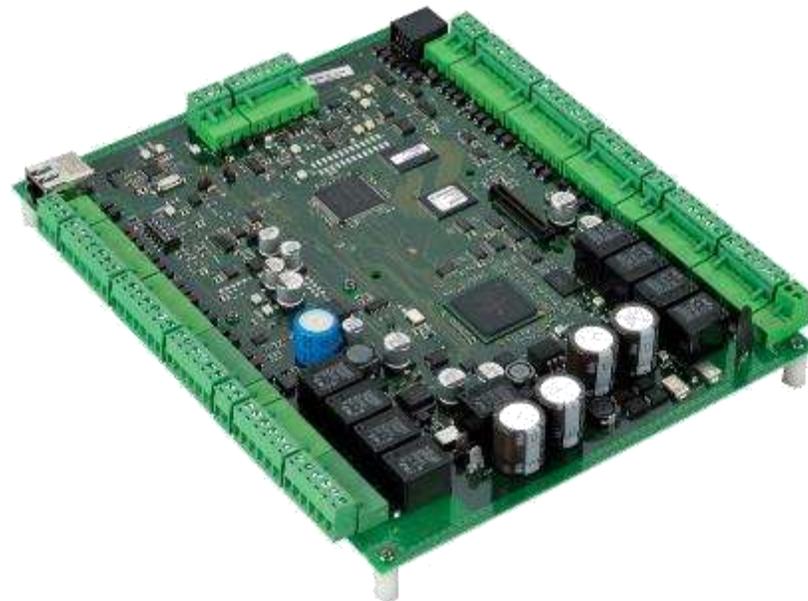
25.000 Events

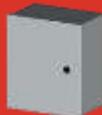
NetAXS 4



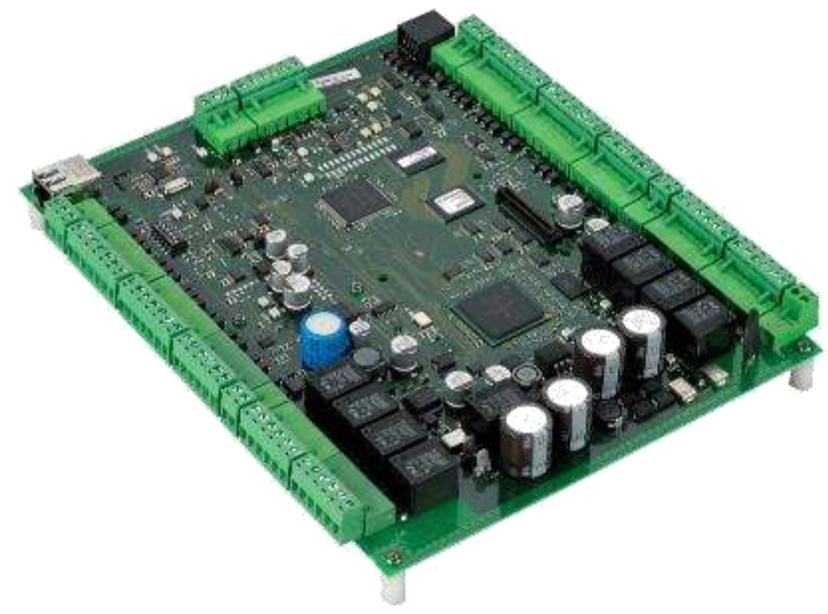
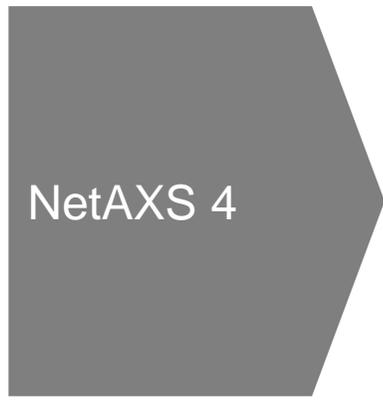
  	<p>Metal</p> <p>10.000 Cards 128 Card Formats</p> <p>25.000 Events</p> <p>4 doors (single reader)</p> <p>Doors</p> 
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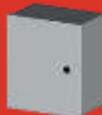
NetAXS 4



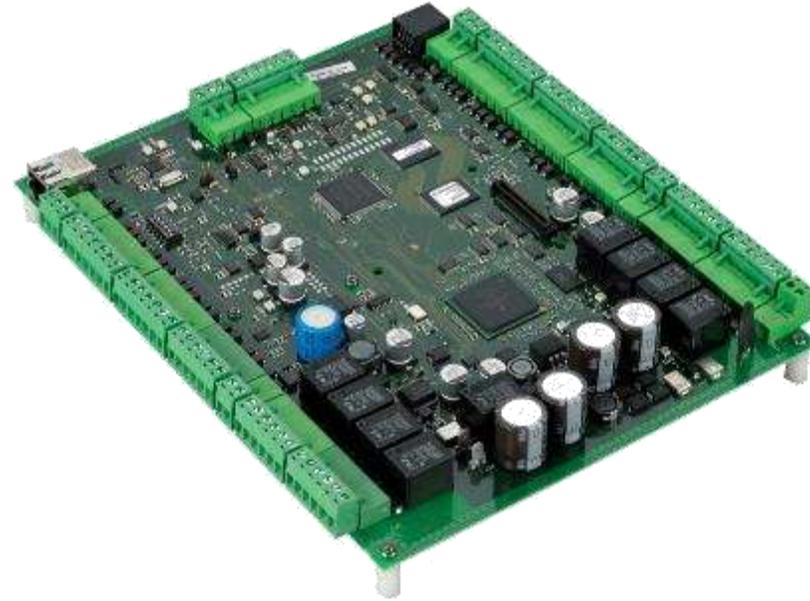
  	<p>Metal</p> <p>10.000 Cards 128 Card Formats</p> <p>25.000 Events</p> <p>4 doors (single reader)</p> <p>Internal PSU</p> <p>Power</p>	 
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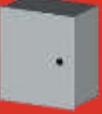
NetAXS 4



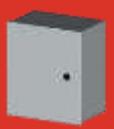
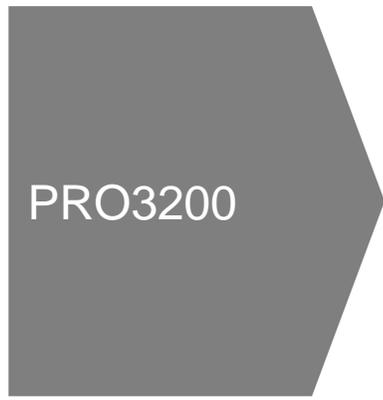
  	<p>Metal</p> <p>10.000 Cards 128 Card Formats</p> <p>25.000 Events</p>	<p>4 doors (single reader)</p> <p>Internal PSU</p> <p>Communication Ethernet, RS-232, RS-485</p>	  
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NetAXS 4



  	<p>Metal</p> <p>10.000 Cards 128 Card Formats</p> <p>25.000 Events</p>	<ul style="list-style-type: none"> ○ Can provide 0.6A – 12V ○ Wiegand colored terminals ○ Basic panel macros ○ Lift Control ○ 16 Inputs / 16 Outputs (8 Dry) ○ 30 downstream panels 	<p>4 doors (single reader)</p> <p>Internal PSU</p> <p>Ethernet, RS-232, RS-485</p>	  
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PRO3200



Enclosures



10 modules metal Enclosure

PRO32E1PS – PSU needed

**Order Code: PRO22ENC1
Order Code: PRO22ENC2 (Rack mounted)**

2 modules metal Enclosure

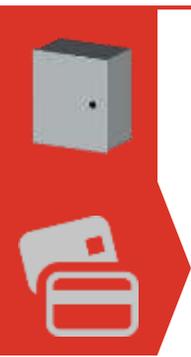
PS220 needed

**12V 4Ah Battery and
12V PSU included**

Order Code: PRO22ENC3



PRO3200



Cards

**2 or 10 modules
metal enclosure**

**50.000 Cards
8 Card Formats**

PRO3200



**2 or 10 modules
metal enclosure**

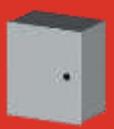
**50.000 Cards
8 Card Formats**

Events

50.000 Events

PRO3200

PRO3200



**2 or 10 modules
metal enclosure**



**50.000 Cards
8 Card Formats**



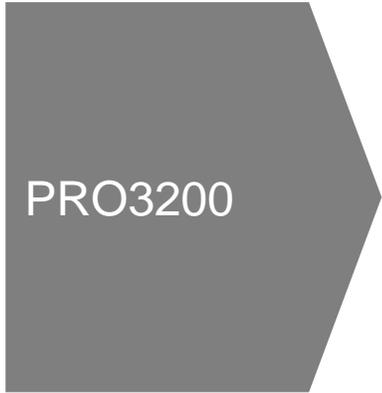
50.000 Events

Doors

**Up to 32 doors
(single reader)**



PRO3200



**2 or 10 modules
metal enclosure**

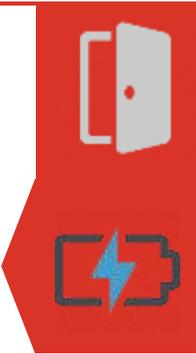
**50.000 Cards
8 Card Formats**

50.000 Events

**Up to 32 doors
(single reader)**

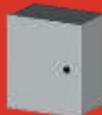
12V

Power

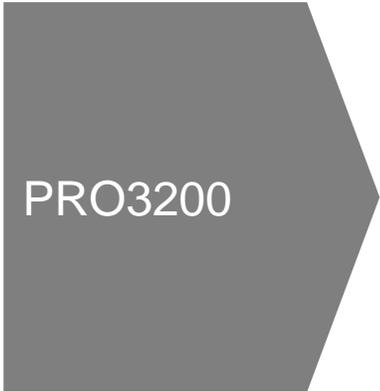


PRO3200



  	<p>2 or 10 modules metal enclosure</p> <p>50.000 Cards 8 Card Formats</p> <p>50.000 Events</p>	<p>Up to 32 doors (single reader)</p> <p>12V</p> <p>Communication Ethernet, RS-232, RS-485</p>	  
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PRO3200



  	<p>2 or 10 modules metal enclosure</p> <p>50.000 Cards 8 Card Formats</p> <p>50.000 Events</p>	<ul style="list-style-type: none"> ○ Lift Control ○ Advanced panel macros ○ 16 downstream modules: <ul style="list-style-type: none"> ○ PRO32R2 ○ PRO32IN ○ PRO32OUT 	<p>Up to 32 doors (single reader)</p> <p>12V</p> <p>Ethernet, RS-232, RS-485</p>	  
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PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO22ENC1
PRO22ENC2

- Intelligent Controller



PRO22ENC3

PRO32E1PS

PSX220

S-4

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

- 2 Reader Board

PRO32R2

- 8 Inputs
- 1K Supervised
- Unsupervised

PRO32IN

- 6 Outputs (Dry)
- 2 5A – 28VDC
- 4 2A – 28VDC

PRO32OUT

PRO22ENC1
PRO22ENC2



PRO22ENC3

PRO32E1PS

PSX220

S-4

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO22ENC1
PRO22ENC2

- 16 Input board
- 16 Inputs
- 1K Supervised
- Unsupervised
- 2 Outputs (Dry)
- 2A – 28VDC



PRO22ENC3

PRO32E1PS

PSX220

S-4

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO22ENC1
PRO22ENC2

- 16 Output board
- 16 Outputs (Dry)
- 2A – 28VDC



PRO22ENC3

PRO32E1PS

PSX220

S-4

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

- 10 modules board

PRO22ENC3

PRO32R2

- 9 modules + power supply
- PRO32E1PS needed

PRO32E1PS

PRO32IN



PSX220

PRO32OUT

S-4

PRO22ENC1
PRO22ENC2

- ENC2 - Rack mounted

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO22ENC1
PRO22ENC2

- 2 modules board
- 2A power supply included
- 4Ah Battery included



- PSX220 needed

PRO22ENC3

PRO32E1PS

PSX220

S-4

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO22ENC1
PRO22ENC2

- 4A power supply



PRO22ENC3

PRO32E1PS

PSX220

S-4

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO22ENC1
PRO22ENC2

- 50VA transformer



PRO22ENC3

PRO32E1PS

PSX220

S-4

PRO22DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO2ENC1
PRO2ENC2

- Suppressor kit
- Provides protection against electrical spikes caused by collapsing electrical fields



PRO2ENC3

PRO32E1PS

PSX220

S-4

PRO2DCC

PRO3200 – Modules and accessories

PRO3200 System



Modules & Accessories

PRO32IC
Controller

PRO32R2

PRO32IN

PRO32OUT

PRO2ENC1
PRO2ENC2

- Daisy chain RS-485 cable
- Provides module communication for ENC1 and ENC2 enclosures



PRO2ENC3

PRO32E1PS

PSX220

S-4

PRO2DCC

Access Control Accessories

Compatible System



Accessories

Motion activated Request to Exit sensor

IS310
IS320

12VDC powered
Dry contact output
Pulse time adjustment



Access Control Accessories

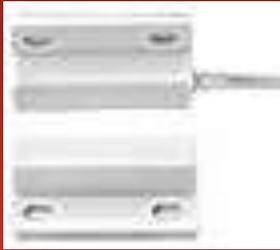
Compatible System



Accessories

Magnetic Contacts

MPS45W
Mini surface mount magnetic contact
(self-adhesive)



EMPS75W
Flush mount magnetic contact
(tamper loop)



EMPS50
Rugged / industrial magnetic contact



Agenda

- 01 WIN-PAK Family
- 02 WIN-PAK Architecture
- 03 WIN-PAK Features
- 04 Security Solutions
- 05 Access Control Hardware
- 06 Readers & Credentials**



Readers

125 kHz
Prox



OmniProx 2.0

- Door mullion width
- European electrical box size
- Vandal - resistant
- Read distance 3.2 – 5.7 cm
- Bezels in 3 colors

13.56 MHz
SmartCard



OmniClass 2.0 Multitechnology

- Door mullion width
- European electrical box size
- HID Prox, AWID, EM4102
- Read distance 7.6 – 11.4 cm
- iClass, MiFare, DESFires, ...

OmniClass 2.0

- Door mullion width
- European electrical box size
- Read distance 7.6 – 11.4 cm
- iClass, MiFare, DESFires, ...

Readers – OmniProx 2.0

OmniProx 2.0



OP10HONS



OP30HONS



OP45HONS



OP90HONS
OP95HONS

Smallest proximity reader for door mullions

Read Range: 5.7 cm

/

125 kHz (Prox HID & EM4102)

/

3 bezels
pigtail

Readers – OmniProx 2.0



OmniProx 2.0

OP10HONS

OP30HONS

OP45HONS

OP90HONS
OP95HONS

Mini-size proximity reader for door mullions

Read Range: 5.7 cm

/

125 kHz (Prox HID & EM4102)

/

3 bezels
pigtail

Readers – OmniProx 2.0

OmniProx 2.0



OP10HONS



OP30HONS



OP45HONS



OP90HONS
OP95HONS

Switch plate size, single-gang electrical box style for UK

Read Range: 5.7 cm

/

125 kHz (Prox HID & EM4102)

/

3 bezels
pigtail

Readers – OmniProx 2.0



Vandal-resistant zinc die-cast single-gang electrical box

Read Range: 3.2 cm / 125 kHz (Prox HID & EM4102) / pigtail

OP95HONS: Vandal resistant with keypad

Readers – OmniClass 2.0



OmniClass 2.0

OM15BHOND

OM30BHOND

OM40BHOND

OM55BHOND

Large Mullion Size suited for mullion mounted door installations on any flat surface

Read Range: 7.6 cm / Pigtail – added “T” to order code = screw terminal /

Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass

Readers – OmniClass 2.0

OmniClass 2.0



OM15BHOND



OM30BHOND



OM40BHOND



OM55BHOND

Mullion Size suited for mullion-mounted door installations or any flat surface

Read Range: 7.6 cm / Pigtail – added “T” to order code = screw terminal /
Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass

Readers – OmniClass 2.0

OmniClass 2.0



OM15BHOND



OM30BHOND



OM40BHOND



OM55BHOND

Wall switch size, designed to mount and cover single UK gang switch boxes

Read Range: 11.4 cm / Pigtail – added “T” to order code = screw terminal /
Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass



Readers – OmniClass 2.0

OmniClass 2.0



OM15BHOND



OM30BHOND



OM40BHOND



OM55BHOND

Wall switch size, designed to mount and cover single US gang switch boxes; Slotted mounting plate for Europe available

Read Range: 10.1 cm / Pigtail – added “T” to order code = screw terminal / Keypad
Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass



Readers – OmniClass 2.0 Multitechnology

OmniClass 2.0
Multitechnology



OM16BHOND



OM31BHOND



OM41BHOND



OM56BHOND

Large Mullion Size suited for mullion mounted door installations on any flat surface

Read Range: 7.6 cm / Pigtail – added “T” to order code = screw terminal /
 Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass
HID Prox & AWID 4102 & EM4102

Honeywell

Readers – OmniClass 2.0 Multitechnology

OmniClass 2.0
Multitechnology



OM16BHOND



OM31BHOND



OM41BHOND



OM56BHOND

Mullion Size suited for mullion-mounted door installations or any flat surface

Read Range: 7.6 cm / Pigtail – added “T” to order code = screw terminal /
Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass
HID Prox & AWID 4102 & EM4102

Readers – OmniClass 2.0 Multitechnology

OmniClass 2.0
Multitechnology



OM16BHOND



OM31BHOND



OM41BHOND



OM56BHOND

Wall switch size, designed to mount and cover single UK gang switch boxes

Read Range: 11.4 cm / Pigtail – added “T” to order code = screw terminal /
 Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass
HID Prox & AWID 4102 & EM4102

Honeywell

Readers – OmniClass 2.0 Multitechnology

OmniClass 2.0
Multitechnology



OM16BHOND



OM31BHOND



OM41BHOND



OM56BHOND

Wall switch size, designed to mount and cover single US gang switch boxes; Slotted mounting plate for Europe available

Read Range: 10.1 cm / Pigtail – added “T” to order code = screw terminal / Keypad
Technology: Infineon MyD | TI Tag-it | Philips I-Code | MiFare | DESFire | Ultralight | PicoPass | iClass

HID Prox & AWID 4102 & EM4102

Honeywell

Credentials Compatibility Chart

