



SPC 3.8.5

Updates from SPC 3.6.6 Overview

Topics

Overview

- SPC 3.8
 - General
 - Keypad
 - User
 - Cause and effect
 - Zones
 - Areas
 - Reporting
 - Access control
 - Web page
 - Miscellaneous
 - Peripherals
- SPC 3.7.0
- SPC 3.7.1
 - General overview

SPC 3.8

General

- For a list of all changes please see SPC 3.8.5 release notes
- Webinar version of this document available at <https://youtu.be/PYQTCFZ3liQ>

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General – Update Process

- Due to changes in the SPC system there is a new file format for firmware's.
- As a result the update process and in particular the files used have changed.
- In the firmware folder contained in the release there will now be three folders
 - Updating from SPC 3.6/3.7 to 3.8
 - Update to 3.8
 - Downgrading from 3.8 to 3.7

Please note that this will change the configuration file format and other files used in the system.

In order to apply an old configuration file the system must be first be downgraded file applied and then upgrade to SPC 3.8 again.

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General – Offline programming tool

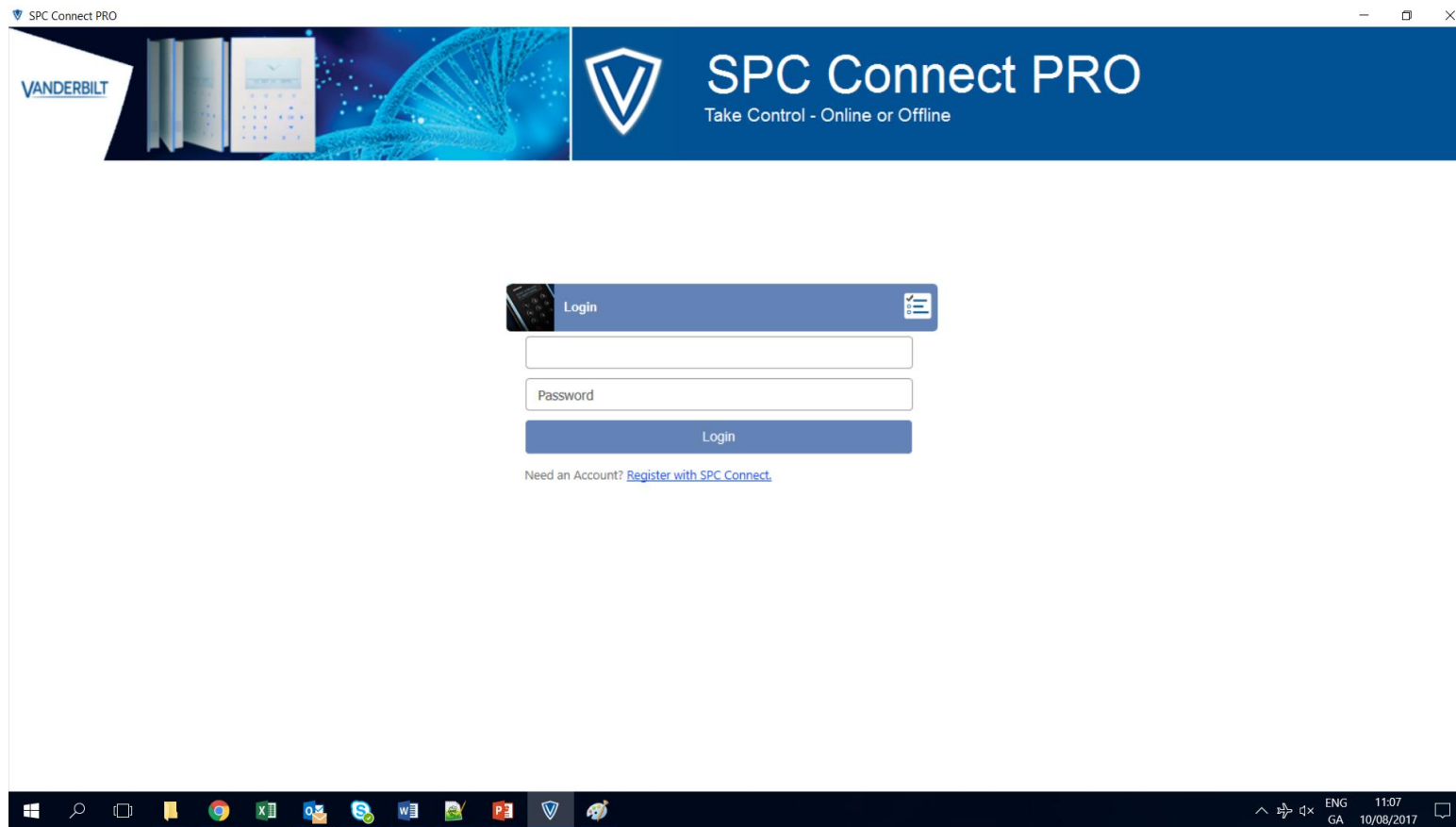
- SPC 3.8.5 delivers a new programming interface for Installers
- The new tool is available from
<https://www.spcsupportinfo.com/SPCConnectPro/learn-spc-connect-pro/>

The goal

- To create a system that allows
 - for offline configuration
 - us to communicate with our customers
 - Add new functionality
 - Enhance the processes for installers
 - Linking to SPC connect to create a unified system
 - Better handling of configuration files

The Result

- SPC Connect Pro



What it Offers

- Security
 - Ability to disable access based on installer account
- Compatibility
 - a single interface to learn for installers
- Ability to change configuration files locally
- Ability to Discover SPC Panel (3.8.5 required)
- Ability to communication via
 - Ethernet
 - USB
 - Serial
 - Modem
- Linked to SPC connect

How does it work

- The tool on start up prompts the user to register an SPC connect account or to enter their connect details
- Functionality
 - SPC configurations can be created in the tool
 - Configuration file upload/download
 - Connect live to SPC system
 - Audio file upload
 - Logo file upload
 - Panel discovery

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General – SPC Safe / SPC Pro / SPC remote Maintenance

- These tools have been superseded by SPC connect and SPC connect Pro and are no longer supported by SPC 3.8.5
- The support for legacy SPC tools has been removed from the SPC system. This includes communications and programming options.

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General – Additional regions

- The following regions options have been added to the SPC panel
- Italy
- Norway
- Denmark,
- Czech
- Poland
- Netherlands
- Finland
- Portugal
- Turkey
- USA
- Canada
- Brazil
- Colombia
- Argentina
- Peru
- Venezuela
- Chile
- Mexico
- China
- Australia
- New Zealand

Hardware	System	Inputs	Outputs	Doors	Areas	Calendars	Change own PIN	Advanced	Test Menu
System Options	System Timers	Identification	Standards	Clock	Language				

Continent

☒ Europe ☐ Asia ☐ North America ☐ South America ☐ Oceania

Installation Type:

☐ Domestic ☒ Commercial ☐ Financial

Grade

☐ EN50131 Grade 2 ☐ EN50131 Grade 3 ☒ Unrestricted

Region Compliance:

☐ United Kingdom ☐ Ireland ☒ Europe General (EN) ☐ Italy ☐ (*) Sweden ☐ (*) Switzerland ☐ (*) Belgium ☐ (*) Spain ☐ (*) Germany ☐ (*) France ☐ Norway ☐ Denmark ☐ Poland ☐ Netherlands ☐ Finland ☐ Portugal ☐ Czech Republic

(*) Selecting this regional standard will implement local or national requirements which supersede EN50131 requirements

Save

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Keypad

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Keypad – access protection

- Located in System options
- Logs keypad and user

08/11/2016 11:50:30 Access (CKP 1) 1 By User 1 User 1 Area 1 Area 1

Keypad

Always Show State	<input type="checkbox"/>
Show Open Zones	<input type="checkbox"/>
Call ARC Message	<input type="checkbox"/>
Call ARC Line 1	<input type="text" value="CALL ARC"/>
Call ARC Line 2	<input type="text"/>
Show Cameras	<input type="checkbox"/>
Log Keypad Access	<input checked="" type="checkbox"/>
Idle State Language	<input type="text" value="System Language"/>
Use Simplified Menu	<input type="checkbox"/>

Pin

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Keypad – Pace Configuration

- Located in
 - Users
 - Only available when editing

Pace

Pace Number:

Pace tag number (up to 14 digits).

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Keypad – RF Jamming Timer

- Located in
 - Web browser only
 - System – system Timers

Alerts

RF Jamming Delay

Seconds

Duration that RF Jamming needs to be present before an alert is activated
(0 - 999)

- This will delay the RF jamming alert for the configured amount of time

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Keypad – Quiet Mode

- Located in
 - Hardware
 - X-Bus
 - Keypads
 - Audible options

Audible Indications

Alarms	6 ▼
Entry/Exit	6 ▼
Chime	6 ▼
Keypress	2 ▼
Voice Annunciation	Disabled ▼
Partset buzzer	<input type="checkbox"/>
Quiet Mode	<input type="checkbox"/>

- Use case

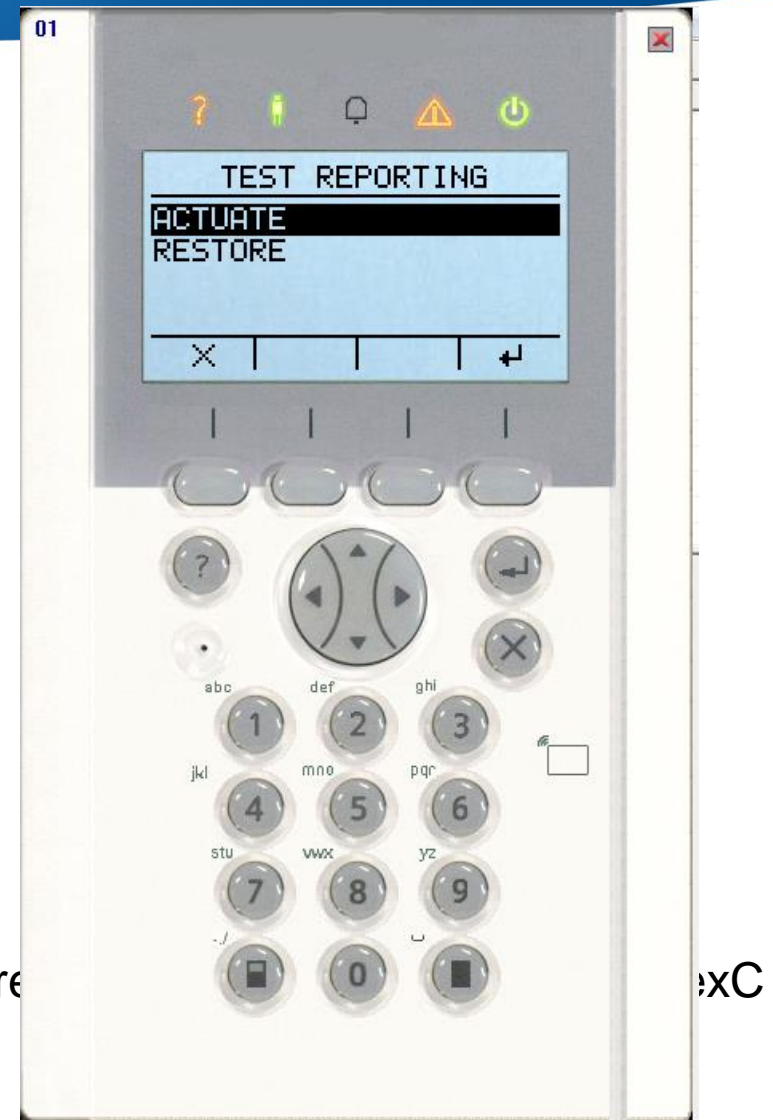
If the user is arming/disarming another area, the keypad buzzer will not disturb people in the area where the keypad is physically located.

Note: the keypad still generates an audible alerts for both alarms, faults etc.

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Keypad – Test menu reporting

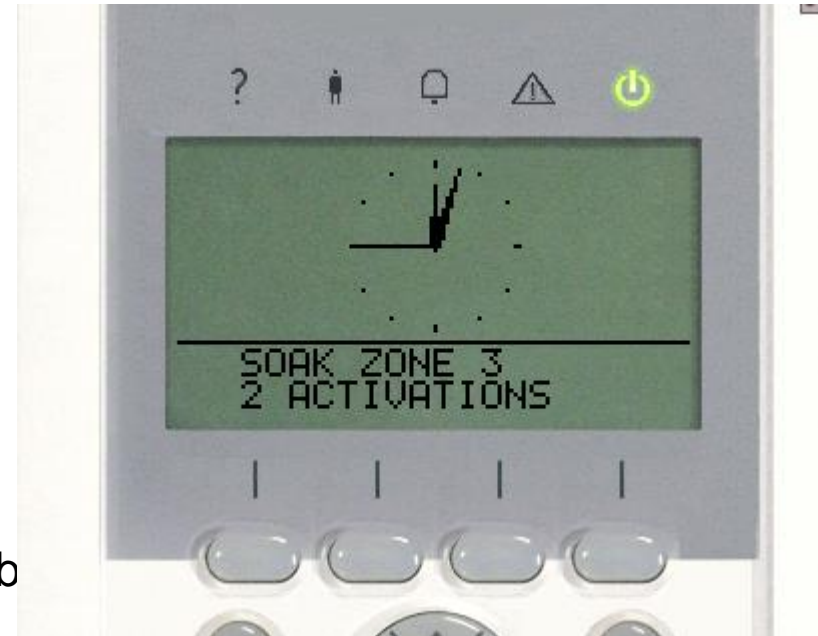
- Located on keypad
 - Soft engineer or full engineer
 - Test menu
 - Test reporting
 - Select zone
 - Select event
 - Alarm
 - Restore
 - Note
- This will report on all channels that are configured and SMS.



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Keypad – Keypad Soak zones

- Located in
 - Idle messages
 - Use case
- Greater visibility of faulty zones, displays numb



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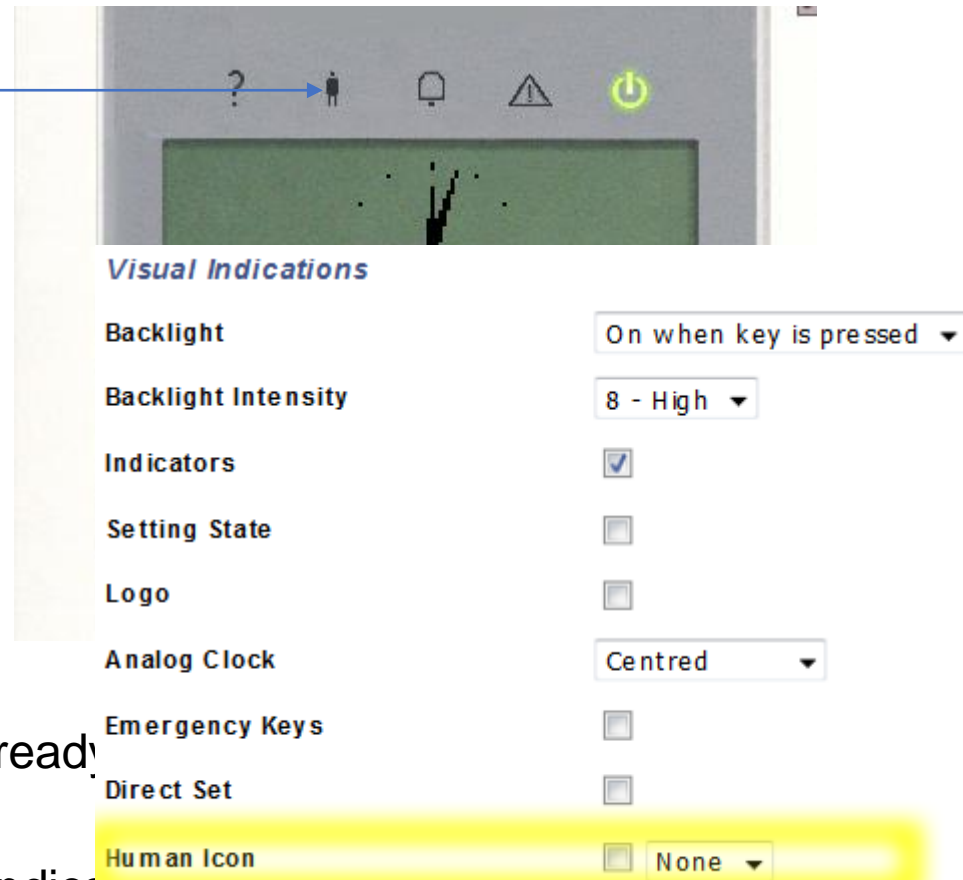
Keypad user menu

- Located in
 - Web page
 - Hardware
 - X-Bus
 - Keypad
 - Visual indications

- Use case

Engineer can configure to display ready

The human icon which by default indicates a mapping gate. This allows the engineer to define the logic that the icon should use.



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Keypad – SPCK6XX SPCK5XX user menu

- Located in
 - Web page
 - System
 - System options

An option has been added to the system SPCK5xx to have the same menu struc

- Use case
- Keypad alignment

Note

The keypads with or without this mode allow scrolling up and down

Keypad

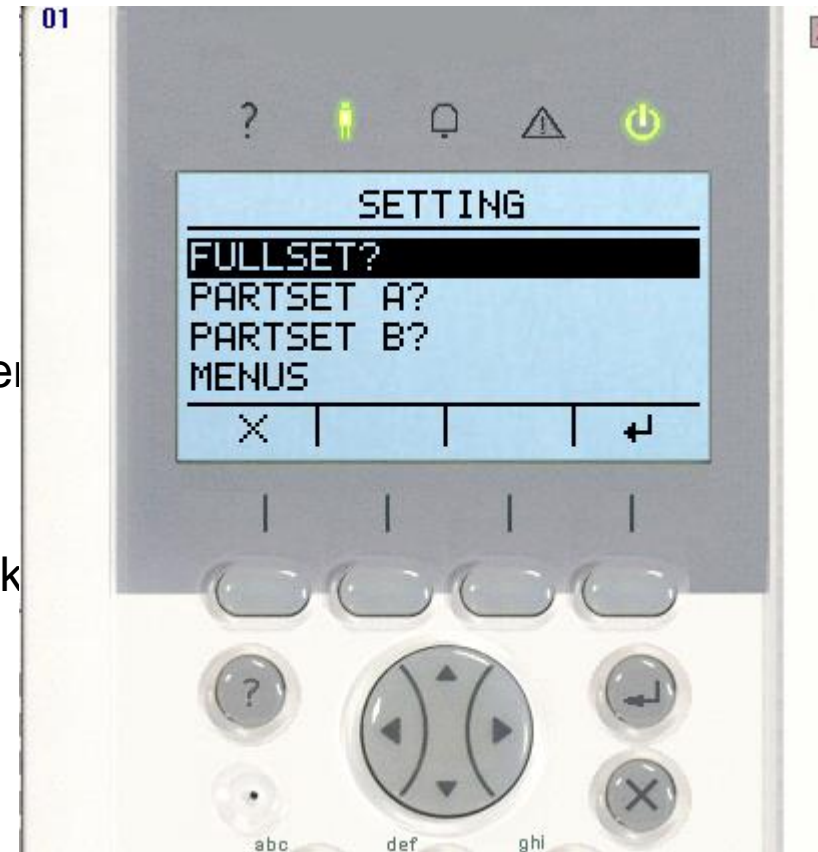
Always Show State	<input type="checkbox"/>
Show Open Zones	<input type="checkbox"/>
Call ARC Message	<input type="checkbox"/>
Call ARC Line 1	<input type="text" value="CALL ARC"/>
Call ARC Line 2	<input type="text"/>
Show Cameras	<input type="checkbox"/>
Log Keypad Access	<input checked="" type="checkbox"/>
Idle State Language	<input type="text" value="System Language"/>
Use Simplified Menu	<input checked="" type="checkbox"/>

Pin

- Keypad – SPCK6XX SPCK5XX user menu

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- User can see menu structure
- Scrolling available
- If system armed immediately unsets system
- Does not effect idle mode operation (soft k



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Keypad – access restriction

- Located in Keypad Settings options

- Restricts access

The screenshot shows a web interface for configuring keypad access. On the left, under the heading "Options", there are two settings: "Delay Fullset" with an unchecked checkbox, and "Keypad Access Level" with a dropdown menu. Below these are "Save" and "Back" buttons. The dropdown menu is open, showing three options: "Level 1 - All functions" (highlighted in blue), "Level 2 - Arm, disarm, restore only", and "Level 3 - View only". To the right of the dropdown, there is a text label "Select keypad access level (1 to 3)." and a note "Will use exit timer across all area" above the dropdown.

Level 1- All functions available

Level 2 – no configuration

Level 3 – Viewing only

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Users

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User changes – Level 3 Access right

- Located in
 - User profiles
 - Rights

A new advanced user right has been added to restore/inhibit/isolate with engineer level in unrestricted mode

User Rights - Service Engineer

Set Users [Master]	<input checked="" type="checkbox"/>
Set User Profiles	<input checked="" type="checkbox"/>
Set Calendars	<input checked="" type="checkbox"/>
Set Doors	<input checked="" type="checkbox"/>
Level 3 Access	<input checked="" type="checkbox"/>

- Use case

Service engineer who will not be given full engineer code

Note

Unrestricted only

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User changes – Alarm access option

- Located in
 - User
 - And system timers

User Settings

User ID:	1	
User Name:	<input type="text" value="User 1"/>	Name of User on system
User PIN:	<input type="password" value="****"/> <input type="button" value="Generate PIN"/>	PIN used by User for intrusion and acc
Language:	<input type="text" value="System Language"/>	Language used by the user
Date Limit:	<input type="checkbox"/>	<input type="text" value="09"/> / <input type="text" value="Nov"/> / <input type="text" value="2016"/> - <input type="text" value="0"/>
Alarm Access:	<input type="checkbox"/>	Select if user is alarm access only

A new user option has been added that will allow a user access only after an alarm has occurred. This is enabled per users and is controlled by two timers which define how long after the alarm the user should have access and for how long the user should have access.

Alarm Access

Lockout Time	<input type="text" value="20"/>	Minutes	<input type="text" value="1"/>
Access Time	<input type="text" value="120"/>	Minutes	<input type="text" value="1"/>

Lockout – prevents access imme

Access time – is time user can access

- Use case

Alarm responder/ neighbor access

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Cause and effect – Configuration

- Located in
 - Configuration
 - Advanced
 - Cause and effect

A new wizard is available in the SPC system to configure cause and effect in the SPC system or mapping gate actions and replace door or area section.

Cause & Effect Configuration

Select the device type to trigger, can be either to trigger a physical output

Type	Area/Door		
Output	-	Assign	Assign a mapping output will trigger
Area	Area 1 Area 1 ▼	Assign	Assign Trigger(s)
Door	None ▼	Assign	Assign trigger(s)

Cause & Effect Configuration

Triggers

Mapping Gates

Cause & Effect List

Area 1: Triggers

Trigger	Edge	Action	
1	Positive	Unset	
1 ▼	Positive ▼	Unset ▼	Add

Back

Cause & Effect Configuration

Triggers

Mapping Gates

Cause & Effect List

Door 1 Triggers

Trigger	Edge	Action	
1	Positive	Door to Normal	Add

Back

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Cause and effect – trigger conditions

- Located in
 - Configuration
 - Advanced
 - Cause and effect
 - triggers
 - Add condition

Zone Door Output System User Profile Expander Communication

User Events	ID	State	DESCRIPTION
<input type="radio"/> Keypad Pin	PRO FILE 1 User Profile 1 ▼	-	Set Keypad pin trigger based on user profile
<input type="radio"/> Access card	PRO FILE 1 User Profile 1 ▼	-	Set card access trigger based on user profile
<input type="radio"/> Web Access	PRO FILE 1 User Profile 1 ▼	-	Set web access trigger based on user profile

Allow trigger condition to be based on user profile instead of adding each user

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Cause and effect – trigger conditions

Zone Door Output System User Profile Expander Communication

System Events	ID	State	DESCRIPTION
<input type="radio"/> System Event	System Reboot	-	Set a system event trigger
<input type="radio"/> Time Trigger	00:00	-	Daily trigger time (HH:MM), Active for 1 minute

Trigger conditions for

- System reboot
- Over current
- Engineer access granted
- Manufacture access granted
- X-Bus fault

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Cause and effect – trigger conditions

New trigger conditions for

- Keypad access and user
- Web access

Zone Door Output System User Profile Expander Communication

User Events	ID	State	DESCRIPTION
<input type="radio"/> Wireless Fob	Any User ▾	-	Set a wireless fob trigger
<input type="radio"/> Wireless Fob Panic	Any User ▾	-	Set a wireless fob panic trigger
<input type="radio"/> Keypad Pin	Any User ▾	-	Set a user pin trigger
<input type="radio"/> Access card	Any User ▾	-	Set an Access card trigger
<input type="radio"/> Web Access	Any User ▾	-	Set a web access trigger
<input type="radio"/> WPA	▾	Red ▾	Set a wireless fob panic trigger
<input type="radio"/> Keypad Access	1: CKP 1 ▾	Any User ▾	Set a keypad access trigger when any user logs into a particular keypad

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Cause and effect – trigger conditions

- Located in
 - Configuration
 - Advanced
 - Cause and effect
 - triggers

The conditions for triggers can now be c

Trigger 1: Configuration

Description	<input type="text"/>
Calendar	None ▼
Time Limit:	00 ▼ : 00 ▼ - 00 ▼ : 00 ▼
Timer	0
Trigger Operation	Any ▼
Add Condition	<input type="button" value="Add"/>

is true

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Cause and effect – trigger conditions

- Located in
 - Log
 - Cause and effect log

A new log for the operation of cause and effect is available in the SPC web page and logs the following states

- Mapping gate On/Off (from triggers)
- Area trigger Unset, Fullset etc.
- Door action Locked, unlocked

System log	Alarm log	WPA Log	Cause & Effect Log
Cause & Effect Log			
Time	State	Cause	Effect
09/11/2016 14:02:48	Un set		Area 1
Refresh			

- Can only be seen on Engineer web page

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Cause and effect – Key switch Shunt

- Located in
 - Web Browser Only
 - Hardware
 - Expanders

Keyswitch Functions

Key	Area	Function
Center position	1: Area 1 ▼	None
Right Position	1: Area 1 ▼	Unset
Left Position	1: Area 1 ▼	Partset A
		Partset B
		Fullset
		Toggle Unset / Fullset
		Toggle Unset / Partset A
		Toggle Unset / Partset B
		All Okay
		Setting authorisation
		Shunt

Save Back

The function allow the shunting of switch to one of three lock positions.

By initiating the Shunt function, you are inhibiting inputs that that been previously given the shunt attribute.

(Area specific)

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Zones – Zone types

Additional zone types have been added to SPC

- Water
- Heat
- Fridge/Freeze
- Gas
- Sprinkler
- CO
- Exit/Entry 2

Type
Water
Heat
Fridge/Freezer
Gas
Sprinkler
CO
Entry/Exit 2

Each Area can now support to two entry timers.
This can be achieved by choosing the zone type
Exit/Entry or Exit/Entry 2

These zones are also reported over E
They can be found in the Alarm and Al

Entry/Exit

Entry Time 1

45 Seconds

Entry Time 2

20 Seconds

FlexC.

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Zones Key arm options

Additional zone attributes have been added to the system

Attributes - Zone 2

Attribute		Description
<input checked="" type="checkbox"/>	Inhibit	If checked a user may inhibit the zone
<input type="checkbox"/>	Normal Open	If checked the system expects a normal open contact
<input type="checkbox"/>	Log	If checked then all zone state changes will be logged
<input type="checkbox"/>	Open Only	If checked then Setting state will be set to Open
<input checked="" type="checkbox"/>	Set enable	If checked then zone activation will be set to Enable
<input checked="" type="checkbox"/>	Unset enable	If checked then zone activation will be set to Disable
<input type="checkbox"/>	Frequent	Zone must open within the 'frequent' time period
<input checked="" type="checkbox"/>	Timed	Check if setting should be delayed
<input checked="" type="checkbox"/>	Force set	Force set Enabled

Setting Option

<input checked="" type="radio"/>	Fullset	Keyarm does a Fullset
<input type="radio"/>	Partset A	Keyarm does a Partset A
<input type="radio"/>	Partset B	Keyarm does a Partset B

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Zones – zone restore

SPC prior to 3.8 would not allow an entry or alarm zone type to be restore if the zone was in the activate state, a change has been made to allow restore if open and if this will not cause an additional alarm

All Areas

Unset

Partset A

Active System Alerts

Window 1 - Alarm

Alarm [Still Active]

Restore

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Zones – Final exit zone attribute

Located in System options

A new system option has been added but will not maintain the exit time

Retrigger Panic	<input type="checkbox"/>	
Silence Audio Verification	<input type="checkbox"/>	
Watchdog Output Mode	Disable ▾	
SPCP355	<input type="checkbox"/>	
Bell on Fail to Set	<input type="checkbox"/>	
Strobe on Fail to Set	<input type="checkbox"/>	
Continuous Final Exit	<input type="checkbox"/>	exit
Hide bypass	<input type="checkbox"/>	
Battery capacity	<input type="text" value="0"/>	
Max current	<input type="text" value="0"/>	

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Zones – zone status

Located in Status inputs

The detailed information on the zone status will no longer be visible to the user the column EOL quality and input will be hidden from the user.

Hardware	Inputs	Outputs	Doors	Flex C ®	System Alerts		
All Zones	X-Bus Zones	Wireless Zones					
Zones Active 26, Max Zones 512							
Zone	Area	Zone Type	EOL Quality	Input	Status	Log	Action
1 Front door	1 Area 1	Entry/Exit 2	Unsatisfactory [00] (0/0/0)	Closed	Normal	Log	Inhibit Isolate Soak
2 Window 1	1 Area 1	Alarm	Unsatisfactory [00] (0/0/0)	Open	Alarm	Log	Restore

User

All Zones

X-Bus Zones

Wireless Zones

Zones Active 26, Max Zones 512

Zone	Area	Zone Type	Status	Log	Action
1 Front door	1 Area 1	Entry/Exit 2	Normal	Log	Inhibit Isolate
2 Window 1	1 Area 1	Alarm	Alarm	Log	Restore
3 Window 2	1 Area 1	Holdup	Normal	Log	Inhibit Isolate

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Reporting – Seismic

The SPC support for seismic detectors has been enhanced to report when a seismic test passes or fails.

Included in walk test filter option

2024	SEISMIC TEST OK	Zone ID	- Zone Information	Don't Report Event	OK	Pass
2025	SEISMIC TEST FAIL	Zone ID	- Zone Information	Don't Report Event	FAIL	Fail

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Reporting – Alarms zone state

A new FlexC filter option has been added to allow for the reporting of Zone state changes after an alarm. This will signal zone opening and closing after has an alarm has occurred..

Zone Alarm Test	<input type="checkbox"/>	0	Select Event to Add Exception ▼	Add
Zone State Change	<input type="checkbox"/>	0	- Select Event to Add Exception ▼	Add
Zone State Change in Alarm	<input type="checkbox"/>	0	- Select Event to Add Exception ▼	Add
Camera	<input type="checkbox"/>	0	- Select Event to Add Exception ▼	Add

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Reporting – FlexC options

The installation details for FlexC installations has been enhanced to include the panel groups, this will allow panels to be auto enrolled into panel groups in SPC Connect.

Communications

Flex C

Reporting

PC Tools

FlexC ATS

Event Profiles

Command Profile

Flex C Help

Installation Details

The following installation details are passed to the RCT to help the Operator at the RCT to identify the panel.

ATS Installation ID	<input type="text" value="0"/>	The ID of the ATS Installation (1-999999999)
Company ID	<input type="text" value="0"/>	ID of the Company
Company Name	<input type="text"/>	Name of the Company
ATS Installation Address	<input type="text"/>	The address of the ATS Installation
GPS Coordinates	<input type="text"/>	The GPS Coordinates of the installation.
ATS Installer Name	<input type="text"/>	The name of the installer of the ATS
Installer Phone Number 1	<input type="text"/>	The phone number of the installer of the ATS
Installer Phone Number 2	<input type="text"/>	The phone number of the installer of the ATS
Notes	<input type="text"/>	Any additional information for the RCT

Auto Enrol Details

Panel Group ID 1	<input type="text"/>	Enter the number you assigned the panel group in www.spconnect.com(1-999)
Panel Group ID 2	<input type="text"/>	Enter the number you assigned the panel group in www.spconnect.com(1-999)
Panel Group ID 3	<input type="text"/>	Enter the number you assigned the panel group in www.spconnect.com(1-999)
Panel Group ID 4	<input type="text"/>	Enter the number you assigned the panel group in www.spconnect.com(1-999)
Panel Group ID 5	<input type="text"/>	Enter the number you assigned the panel group in www.spconnect.com(1-999)

Back

Save

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Reporting – SMS test message

The SMS date and time can now be configured to control when SMS test messages are sent to the customer

SMS Enable	<input checked="" type="checkbox"/>												
SMS Server	<input type="text" value="17409900"/>												
Automated SMS	<input type="text" value="24 Hours"/>												
Automated SMS Number	<input type="text" value="5555555"/>												
Start Date/Time	<table><tr><td>Day</td><td>Month</td><td>Year</td><td>Hour</td><td>Minute</td><td></td></tr><tr><td><input type="text" value="10"/></td><td><input type="text" value="Jun"/></td><td><input type="text" value="2016"/></td><td><input type="text" value="13"/></td><td><input type="text" value="38"/></td><td>SMS messages will start from this date/time.</td></tr></table>	Day	Month	Year	Hour	Minute		<input type="text" value="10"/>	<input type="text" value="Jun"/>	<input type="text" value="2016"/>	<input type="text" value="13"/>	<input type="text" value="38"/>	SMS messages will start from this date/time.
Day	Month	Year	Hour	Minute									
<input type="text" value="10"/>	<input type="text" value="Jun"/>	<input type="text" value="2016"/>	<input type="text" value="13"/>	<input type="text" value="38"/>	SMS messages will start from this date/time.								

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Access Exit option

Located

- Door configuration

A new option has been added to the SPCA210 in order to allow a door to be defined as entry or exit door.

This means you have an exit timer when arming from any of the two readers on the SPCA210

Door I/O 1 -Entry

Door Inputs

Zone	9	Select Zone allocation.
Description	DOOR 1	Enter door/zone description.
Zone Type	Entry/Exit	Select zone type.
Zone Attributes	Edit	Click to edit zone attributes.
Location	1: Area 1	Select area assignment for door/zone.
Door Position	Dual 4K7 / 4K7	Select End of Line resistor configuration for door position input.
DPS Normal Open	<input type="checkbox"/>	Check if door position input sensor is Normal Open.
Door Release	None	Select End of Line resistor configuration for door release input.
DRS Normal Open	<input type="checkbox"/>	Check if door release input sensor is Normal Open.
No DRS	<input type="checkbox"/>	DRS will be ignored
Reader location	None	Area on door side :Entry
Reader 1 info	Unknown n format	Format of last card presented at reader

Entry/Exit

Entry	<input checked="" type="radio"/>
Exit	<input type="radio"/>

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Access Dual Authorization option

Located

- Door configuration

A new option has been added that two users must authorise action before access is granted or action can be performed on a door e.g. Set/Unset.

The timer defines the window to complete authorisation

Door Timers

Dual Authorisation Time

Time window to present dual authorisation.
(30 - 255 Seconds)

Sounder

☐

Ignore Forced

☐

Interlock

☐

Dual Authorisation

☐

Setting Prefix

☐

Code Tamper

☐

Dual Authorisation

☐ None ▼

Two codes are required to open door.

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Access - reader led control

Located

- Door options

A new option has been added to SPC doors in order to define the led operation, this can be defined as a mapping gate allowing the engineer to define the operation of the LED.

Override LED must be enabled for this operation to function correctly.

Door I/O 1 -Entry

Door Inputs

Zone	9	Select Zone allocation.
Description	DOOR 1	Enter door/zone description.
Zone Type	Entry/Exit	Select zone type.
Zone Attributes	Edit	Click to edit zone attributes.
Location	1: Area 1	Select area assignment for door/zone.
Door Position	Dual 4K7 / 4K7	Select End of Line resistor configuration for door position input.
DPS Normal Open	<input type="checkbox"/>	Check if door position input sensor is Normal Open.
Door Release	None	Select End of Line resistor configuration for door release input.
DRS Normal Open	<input type="checkbox"/>	Check if door release input sensor is Normal Open.
No DRS	<input type="checkbox"/>	DRS will be ignored
Reader location	None	Area on door side :Entry
Reader 1 info	Unknown format	Format of last card presented at reader
Reader Green LED	None	Reader green LED will operate on this mapping gate
Reader Red LED	None	Reader red LED will operate on this mapping gate

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Web Interface - Calendars

Located

- Calendars
- And file manager

The calendar menu has been enhanced to allow for the import and export of calendars. The calendar configuration has also been enhanced to allow for quicker configuration and greater visibility.

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Web Interface - Calendars

- Details dates
- Details current week

Week 40:	03/10/2016 - 09/10/2016	Type 1 ▼
Week 41:	10/10/2016 - 16/10/2016	Type 1 ▼
Week 42:	17/10/2016 - 23/10/2016	Type 1 ▼
Week 43:	24/10/2016 - 30/10/2016	Type 1 ▼
Week 44:	31/10/2016 - 06/11/2016	Type 1 ▼
Week 45:	07/11/2016 - 13/11/2016	Type 1 ▼
Week 46:	14/11/2016 - 20/11/2016	Type 1 ▼
Week 47:	21/11/2016 - 27/11/2016	Type 1 ▼
Week 48:	28/11/2016 - 04/12/2016	Type 1 ▼
Week 49:	05/12/2016 - 11/12/2016	Type 1 ▼

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Web Interface - Calendars

- Quick copy for week setup

Copy All	<i>copy monday's schedule to the rest of the week</i>	
Week Type 1	On / Unset hh:mm	Off / Set hh:mm
Monday	09:00	12:00
Tuesday	09:00	12:00
Wednesday	09:00	12:00
Thursday	09:00	12:00
Friday	09:00	12:00
Saturday	09:00	12:00
Sunday	09:00	12:00

Calendar Data

- Export and import calendar

Download

Downloads the Calendar data from the panel

Upload

Uploads Calendar data to panel

Browse...

No file selected.

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Web Interface - Logo

Located

- file manager

Logo Upload

Upload

Uploads Logo to panel

Browse...

No file selected.

- The SPC web page will now support uploading of standard bmp files, samples of bmp have been included in the release package
- BMP files only 128x45
- Examples in folder

SPC 3.8

Web Interface – auto restore

Located

- Areas

- A new option has been to area configuration that will allow alerts to be automatically restored before auto arming occurs.
- This is intended for calendars or other auto arm functions.

Setting / Unsetting

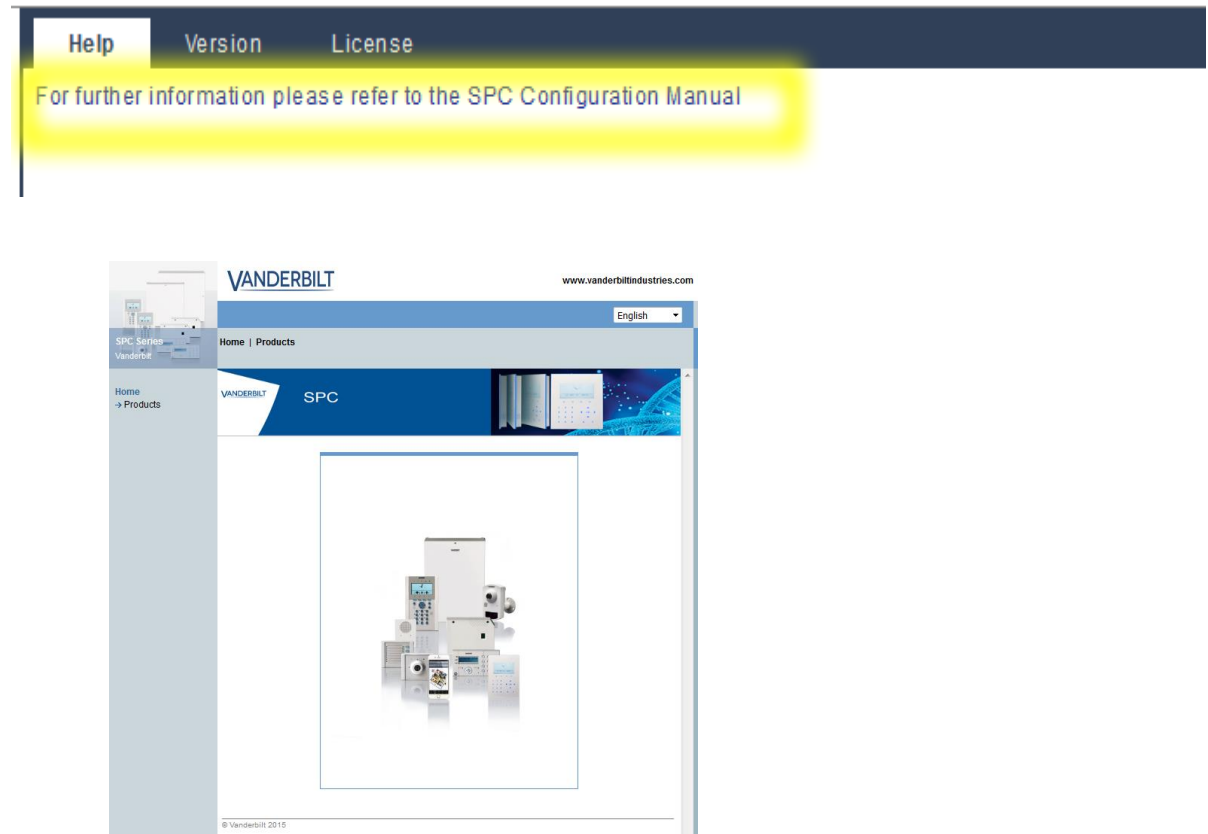
Auto Set Warning Time(*)	<input type="text" value="10"/>
Auto Set Cancel (*)	<input type="checkbox"/>
Auto Set Delay (*)	<input type="checkbox"/>
Key switch	<input type="text" value="None"/>
Delay Interval (*)	<input type="text" value="20"/>
Delay Counter (*)	<input type="text" value="3"/>
Unset Duration (*)	<input type="text" value="0"/> Minutes
Dual PIN	<input type="text" value="Not required"/>
Force Set Mode	<input type="text" value="Normal"/>
Auto Restore on Force Set	<input type="checkbox"/>

SPC 3.8

Web Interface – Help

Located

- Help
 - The help option has been hyperlinked to provide support material.
 - For engineers a page with the configuration manuals and links to Vanderbilt support pages will be provided.
 - For user a page displaying the information from the SPC user CD will be displayed



SPC 3.7.1

General

SPC 3.7

Zones – Auto restore

Located

- Zone configuration
- The SPC auto restore function has been enhanced to allow for a restore on an individual zone and also the option to delay the restoring of a condition. This option is only available in Unrestricted standard.
- This operation can be delayed by setting the new system timer “Auto Restore Delay”. Once a condition returns to normal state the condition must remain in that state until the time has expired, if the condition reactivates then the condition will not be restored.

Attributes - Zone 1

Attribute

- ☒ Inhibit
- ☐ Normal Open
- ☐ Silent
- ☐ Log
- ☒ Auto Restore

Alarm

Double Knock	<input type="text" value="10"/>	Seconds	Maximum delay between activations of zones with double attribute to cause an alarm. (1 - 99)
Soak	<input type="text" value="14"/>	Days	Duration a zone remains in soak test before returning to normal operation. (1 - 99)
Auto Restore Delay	<input type="text" value="0"/>	Seconds	Time to delay auto restore after zone state returns to normal. (0 - 9999)

SPC 3.7

Zones – Tech zones - Delay

Located

- Zone configuration
- From 3.7 each Tech zone will have a delay timer per zone, this will remove the need for the delay attribute. The operation and functionality of the delay remains unchanged.
- Updating to 3.7 will not change the operation of existing tech zones

Attributes - Zone 1

Attribute

- | | |
|-------------------------------------|-----------------|
| <input type="checkbox"/> | Chime |
| <input checked="" type="checkbox"/> | Inhibit |
| <input type="checkbox"/> | Normal Open |
| <input type="checkbox"/> | Log |
| <input type="checkbox"/> | Report |
| <input type="checkbox"/> | Report when Set |
| <input type="checkbox"/> | Display |
| <input type="checkbox"/> | Audible |
| <input type="checkbox"/> | Frequent |
| <input type="checkbox"/> | Auto Restore |

Calendar

None ▼

Verification

Unassigned ▼

Delay Activation

0

SPC 3.7

Access Door attributes

Located

- Door configuration
- SPC provides a number of attributes to allow for the configuration of doors and how they operate. SPC 3.7 allows for the enabling of these attributes by calendar that will allow for greater control of the system.

The following attributes will now support a calendar

- Pin to exit
- Pin to Set/unset
- Unset outside
- Unset inside
- Full set outside
- Full set inside
- Escort
- Custodian
- Interlock

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SPC 3.7

Access Door attributes

Located

- Door configuration
- SPC door control will now have an addition attribute to allow for Exit with card. This will allow a user to exit an entry exit door configuration with card only.

Door Attributes

Door Group

Not grouped ▼

Card and PIN

☐

PIN only

☐

PIN code or card

☒

PIN to Exit

☐

Card to exit

☐

SPC 3.7

Camera Authorisation

Located

- Camera configuration
 - The SPC camera authorisation system of passing the username and password continues to be supported. This additional feature does not change the current operation.
 - A new mode of authorisation has been added to support basic http authorisation. This is a variant of the current SPC authorisation mode and is required for compatibility to specific cameras. This mode is enabled by selecting the option
 - Required for Eventys and HIK cameras

Camera Configuration

Camera ID	1
Description	<input type="text" value="Camera 1"/>
Type	<input type="text" value="Generic"/>
Camera IP	<input type="text" value="192.168.1.10"/>
Camera Port	<input type="text" value="80"/>
Username	<input type="text" value="admin"/>
Password	<input type="password" value="password"/> <input type="button" value="Update Cmd. string"/>
Camera Authorisation	<input checked="" type="checkbox"/>
Command String	<input type="text" value="/cgi-bin/stilljpeg?username=YWRt"/>
Pre-Event Images	<input type="text" value="8"/>
Pre-Event Interval	<input type="text" value="1"/>
Post-Event Images	<input type="text" value="8"/>
Post-Event Interval	<input type="text" value="1"/>