# Intrusion Product Lifecycle News

Date: 31.08.2010



## Delivery Release SPC4xxx / SPC MP2.0 extended

Security Products is delighted to inform you about the delivery release of the SPC4xxx and SPC MP 2.0 ext for the launch of SPC in DK, FR, PT, DE, NL, SE, IT and ES.

## **Overall SPC Highlights:**

- Modular and future oriented system design
- Flexible system planning
- Full connectivity for engineer and user
- Embedded web server
- User friendly interface
- Flexible programming facilities
- Reliable high-speed expander bus
- Advanced functions set
- Seamless Intrunet<sup>TM</sup> wireless integration
- Advanced door control
- SPC programming and maintenance software

#### **Security Products**

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PLN no: I\_10\_209EX



## Main characteristics of the SPC product portfolio

| Feature                                   | Description   |  |
|---|---|--|
| Modular and future oriented system design | The system can grow with customers' requirements over a long lifecycle Reduced training, planning and maintenance efforts across SPC series High industrial quality standard  |  |
| Flexible system planning                  | <ul> <li>Flexible panel configuration from small to large<br/>systems</li> <li>Lower cost of ownership through shared system<br/>resources</li> </ul>   |  |
| Unique embedded WEB server                | Seamless and secure operation and configuration via standard browser     Intuitive interface for installer and user     Optimized WEB page format for small displays  |  |
| User friendly interfaces                  | <ul> <li>Offering of user interfaces for a wide range of applications</li> <li>Intuitive and guided operation of multi area system with comfort keypad</li> <li>Less operation failures with additional voice support</li> </ul>                  |  |
| Easy and flexible programming facilities  | <ul> <li>Flexible programming with best fitting method via keypad, SPC Pro, onboard web server</li> <li>Engineer- /user-friendly menus with intuitive interface</li> <li>Fast setup for standard applications with EN-50131 compliance</li> </ul> |  |
| Reliable high-speed expander bus          | <ul> <li>High security with field bus redundancy</li> <li>High planning flexibility with long distance field bus (X-BUS)</li> <li>Easy expander installation in small and large X-BUS environments</li> </ul>                                     |  |
| Advance functionality set                 | Flexible time control for customer specific processes     Adaption to customer or project specific requirements   |  |
| Advanced door control                     | <ul> <li>Perfect system size from small to large commercial applications</li> <li>Less installation and configuration time due to optimized device for door control</li> <li>Reliable Siemens readers</li> </ul>                                  |  |

## SPC MP2.0 extended product portfolio for release in DK\*, FR, PT\*, DE, NL, SE, IT and ES.

## \*Only end user documentation in dk and pt language

| Portfolio segments Part number |   | Product Description   |  |
|--------------------------------|---|---|--|
| CE4E41 C100 A100               | SDC4220 240 I 4   | CDC4220-240-L4 Intrusion CD-C2  |  |
|                                |   | SPC4220.310-L1 Intrusion CP,G2  |  |
|                                |   | SPC4320.310-L1 Intrusion CP,G2  |  |
|                                |   | SPC5230.310-L1 Intrusion CP,G3  |  |
|                                |   | SPC5320.310-L1 Intrusion CP,G2  |  |
|                                |   | SPC5330.310-L1 Intrusion CP,G3  |  |
|                                |   | SPC6330.310-L1 Intrusion CP,G3  |  |
|                                |   | SPCK420.100 LCD keypad.2x16 Char.   |  |
| S54543-F102-A100               | SPCK421.100   | SPCK421.100 LCD keypad.2x16 Char,CR   |  |
| S54543-F103-A100               | SPCK422.100   | SPCK422.100 LCD keypad.2x16 Char,RF   |  |
| S54543-F110-A100               | SPCK620.100   | SPCK620.100 Comfort Keypad  |  |
| S54543-F111-A100               | SPCK623.100   | SPCK623.100 Comfort Keypad w. Audio/CR  |  |
| S54542-F103-A100               | SPCE450.100   | SPCE450.100 Expander. 8 Relay-Outp.   |  |
| S54542-F101-A100               | SPCE650.100   | SPCE650.100 Expander (8 Inp./2 Outp.)   |  |
| S54542-F104-A100               | SPCE110.100   | SPCE110.100 Key Switch Expander   |  |
| S54542-F105-A100               | SPCE120.100   | SPCE120.100 Indication Expander w. CR   |  |
| S54542-F106-A100               | SPCE652.100   | SPCE652.100 Expander.8In/2Out,backtamp.   |  |
| S54542-F107-A100               | SPCE452.100   | SPCE452.100 Expander.8 relays,backtamp.   |  |
| S54554-F101-A100               | SPCW130.100   | SPCW130.100 SiWay RF-Expander   |  |
| S54547-A101-A100               | SPCA210.100   | SPCA210.100 2-Door expander   |  |
| S54545-C101-A100               | SPCP333.300   | SPCP333.300 Smart PSU (17AH) w. I/O-Exp   |  |
| S54545-C102-A100               | SPCP332.300   | SPCP332.300 Smart PSU (7AH) w. I/O-Exp.   |  |
| S54545-C103-A100               | SPCP432.300   | SPCP432.300 Smart PSU (7AH),2-door Exp.   |  |
| S54545-C104-A100               | SPCP433.300   | SPCP433.300 Smart PSU(17AH),2-door Exp.   |  |
| S54550-B101-A100               | SPCN110.000   | SPCN110.000 PSTN Module. V90  |  |
| S54550-B102-A100               | SPCN310.000   | SPCN310.000 GSM Module incl. antenna  |  |
| S54554-B101-A100               | SPCW110.000   | SPCW110.000 SiWay RF kit f. panel   |  |
|                                |   | SPCW101.000 External aerial kit   |  |
|                                |   | SPCY130.000 Backtamper kit G3-cabinet   |  |
|                                |   | SPCS410.000 SPC Safe PC-software  |  |
|                                |   | SPCX410.000 SPC Fast Programmer   |  |
|                                |   | SPCS320.000 SPC Remote maint. server SW   |  |
|                                | \$54541-C108-A100<br>\$54541-C109-A100<br>\$54541-C103-B100<br>\$54541-C106-A100<br>\$54541-C107-A100<br>\$54541-C105-B100<br>\$54543-F101-A100<br>\$54543-F102-A100<br>\$54543-F110-A100<br>\$54543-F111-A100<br>\$54543-F111-A100<br>\$54542-F103-A100<br>\$54542-F103-A100<br>\$54542-F105-A100<br>\$54542-F105-A100<br>\$54542-F106-A100<br>\$54542-F107-A100<br>\$54542-F107-A100<br>\$54542-F101-A100<br>\$54545-C101-A100<br>\$54545-C102-A100<br>\$54545-C102-A100<br>\$54545-C103-A100<br>\$54550-B101-A100<br>\$54550-B101-A100<br>\$54550-B101-A100<br>\$54559-B101-A100<br>\$54559-B101-A100<br>\$54559-B101-A100<br>\$54559-B101-A100<br>\$54559-B101-A100 | \$54541-C108-A100 \$PC4220.310-L1 \$54541-C109-A100 \$PC5230.310-L1 \$54541-C103-B100 \$PC5230.310-L1 \$54541-C106-A100 \$PC5320.310-L1 \$54541-C107-A100 \$PC5330.310-L1 \$54541-C105-B100 \$PC6330.310-L1 \$54543-F101-A100 \$PCK420.100 \$54543-F102-A100 \$PCK422.100 \$54543-F103-A100 \$PCK422.100 \$54543-F110-A100 \$PCK620.100 \$54543-F110-A100 \$PCK620.100 \$54543-F111-A100 \$PCK620.100 \$54542-F103-A100 \$PCE650.100 \$54542-F104-A100 \$PCE650.100 \$54542-F104-A100 \$PCE650.100 \$54542-F106-A100 \$PCE110.100 \$54542-F106-A100 \$PCE120.100 \$54542-F106-A100 \$PCE452.100 \$54542-F107-A100 \$PCE452.100 \$54542-F107-A100 \$PCE452.100 \$54542-F107-A100 \$PCE452.100 \$54542-F107-A100 \$PCE452.100 \$54542-F107-A100 \$PCE452.100 \$54545-C101-A100 \$PCP333.300 \$54545-C102-A100 \$PCP332.300 \$54545-C103-A100 \$PCP432.300 |  |

#### **SPC Product Portfolio Overview**

#### **SPC Controllers**



#### SPC6330.310-L1 Intrusion CP, G3

The SPC6330.310 control panel combines in an optimal way intrusion and access functionality in one system and can be expanded according to specific customers and project needs up to 512 zones (8 on-board), 512 outputs (6 on-board), 32 system keypads, 64 doors. Each zone can be configured for different zone monitoring requirements with 4K7 resistors as standard, as well as support for a range of other resistor values.

The controller provides 2 X-BUS ports (2 stubs or 1 loop), 60 areas, 512 users with different access levels, memory for 10'000 intrusion and 10'000 access events, X-10 home automation interface, integral Web Server, 2 terminals for the pluggable PSTN and GSM communication options, on-board Ethernet interface.

The system is expandable with wireless modules and supports up to 120 Intrunet wireless detectors (mixed with wired zones) and 1 remote control per user.

The panel complies with EN50131 Grade 3 standard and comes in a tamper protected and hinged metal cabinet with space for optional 17 Ah battery and 4 additional expanders.



#### SPC5330.310-L1 Intrusion CP, G3

The SPC5330.310 control panel combines in an optimal way intrusion and access functionality in one system and can be expanded according to specific customers and project needs up to 128 zones (8 on-board), 128 outputs (6 on-board), 16 system keypads, 16 doors.

Each zone can be configured for different zone monitoring requirements with 4K7 resistors as standard, as well as support for a range of other resistor values.

The controller provides 2 X-BUS ports (2 stubs or 1 loop), 16 areas, 256 users with different access levels, memory for 10'000 intrusion and 10'000 access events, X-10 home automation interface, integral Web Server, 2 terminals for the pluggable PSTN and GSM communication options, on-board Ethernet interface.

The system is expandable with wireless modules and supports up to 120 Intrunet wireless detectors (mixed with wired zones) and 1 remote control per user.

The panel complies with EN50131 Grade 3 standard and comes in a tamper protected and hinged metal cabinet with space for optional 17 Ah battery and 4 additional expanders.



#### SPC5320.310-L1 Intrusion CP, G2

The SPC5320.310 control panel provides the same features as SPC5330.310, but complies with EN50131 Grade 2 standard and comes in a tamper protected metal cabinet with space for optional 7Ah battery and 1 additional expander.



#### SPC5230.310-L1 Intrusion CP, G3

The SPC5230.310 control panel provides the same features as SPC5330.310, but doesn't provide the on-board Ethernet interface.



#### SPC4320.310-L1 Intrusion CP, G2

The SPC4320.310 control panel combines in an optimal way intrusion and access functionality in one system and can be expanded according to specific customers and project needs up to 32 zones (8 on-board), 30 outputs (6 on-board), 4 system keypads, 4 doors.

Each zone can be configured for different zone monitoring requirements with 4K7 resistors as standard, as well as support for a range of other resistor values.

The controller provides 1 X-BUS port (2 stubs or 1 loop), 4, 32 users with different access levels, memory for 1'000 intrusion and 1'000 access events, X-10 home automation interface, integral Web Server, 2 terminals for the pluggable PSTN and GSM communication options, on-board Ethernet interface.

The system is expandable with wireless modules and supports up to 32 Intrunet wireless detectors (mixed with wired zones) and 1 remote control per user.

The panel complies with EN50131 Grade 2 standard and comes in a tamper protected metal cabinet with space for optional 7 Ah battery and 1 additional expander.



#### SPC4220.310-L1 Intrusion CP, G2

The SPC4220.310 control panel provides the same features as SPC4320.310 but do not provide the on-board Ethernet interface.

## **SPC Keypads**



#### ■ SPCK420.100 LCD-Keypad, 2x16 Characters

The SPCK420.100 wired standard LCD keypad provides the user with an iconic Interface to control the security system. Its 32 character blue backlight display and keyboards allows control under all lighting conditions.

Navigation of the intuitive menu system is achieved using the central Navigation key. The keypad also has soft keys and alphanumeric keys that allow contextual key operation and data input directly from the keypad.



#### SPCK422.100 wired standard LCD keypad with integrated SiWay wireless module

The SPCK422.100 wired standard LCD keypad with integrated SiWay wireless module provides the user with an iconic Interface to control the security system. Its 32 character blue backlight display and keyboards allows control under all lighting conditions.

Navigation of the intuitive menu system is achieved using the central Navigation key. The keypad also has soft keys and alphanumeric keys that allow contextual key operation and data input directly from the keypad.

The integrated wireless module provides a range extension for the Intrunet wireless detectors and remote controls linked to the system.



#### ■ SPCK421.100 LCD Keypad, 2x16 Characters, with Card Reader

The SPCK421.100 wired standard LCD keypad provides the user with an iconic Interface to control the security system. Its 32 character blue backlight display and keyboards allows control under all lighting conditions.

Navigation of the intuitive menu system is achieved using the central Navigation key. The keypad also has soft keys and alphanumeric keys that allow contextual key operation and data input directly from the keypad.

The integrated card reader enables quick setting / unsetting of areas by use of a proximity card only or in combination with a valid user PIN..



#### SPCK620.100 Comfort Keypad

The SPCK620.100 comfort keypad is ideal to operate single area and multi area applications in a user friendly way.

The 4 soft keys and the multi dimensional navigation key allow an easy operation with a minimum of operation steps. Status information and possible next operation steps are clearly represented on the large LCD. Display of customer logo, emergency or quick set function is possible in idle state.

The functionality can be enhanced with the SPCE110 key switch expander or the SPCE120 indication expander.



#### ■ SPCK623.100 Comfort Keypad with Audio and Card Reader

The SPCK623.100 comfort keypad is ideal to operate single area and multi area applications in a user friendly way.

The 4 soft keys and the multi dimensional navigation key allow an easy operation with a minimum of operation steps. Status information and possible next operation steps are clearly represented on the large LCD. Display of customer logo, emergency or quick set function is possible in idle state.

The integrated card reader enables quick setting / unsetting of areas by use of a proximity card only or in combination with a valid user PIN.

The keypad also supports voice annunciation for safe system operation. The user is additionally assisted during set / unset procedure or in trouble conditions.

The functionality can be enhanced with the SPCE110 key switch expander or the SPCE120 indication expander.

### **SPC Expander**



#### ■ SPCE110.100 Key switch expander

The SPCE110.100 is a universal key switch expander with 2 tri-color LEDs, a 3-position key switch and buzzer.

The freely programmable user interface indicates the configured status information with LEDs (e.g. key switch position, area setting states) and enables activation of application specific processes by changing the key switch position (e.g. unlock keypad or indication expander, setting of an area, open or close a gate).

The expander also provides one freely programmable volt free relay output with either NO or NC terminal.



#### SPCE120.100 Indication expander with card reader

The SPCE120.100 is a universal display expander with 16 tri-color LEDs, 4 keys, integrated card reader and buzzer.

In linked mode with a keypad the LEDs indicate the status of 4 areas in one glance and the areas can be directly set or unset with the assigned function keys.

In flexible mode the freely programmable user interface indicates the configured status information with LEDs (e.g. open zones, area setting states) and enables activation of application specific processes by pressing the assigned function keys (e.g. setting of an area, open or close a gate).

With the integrated card reader the indication or operation can be enabled for authorised users only by presenting a valid proximity card.

The expander also provides one freely programmable zone which can be configured for different zone monitoring requirements.



#### ■ SPCE650.100 Expander, 8 input / 2 outputs

The SPCE650.100 Expander extends the SPC system via X-BUS with 8 wired zones and 2 fully programmable relay outputs. The zones and outputs on the Expander function exactly as the zones and outputs on the SPC panel.

Each zone can be configured for different zone monitoring requirements. The system supports 4K7 resistors as standard for monitoring as well as support for a range of other resistor values. The outputs are volt free relays that provide both NO and NC terminals allowing the greatest flexibility.

The Expander comes in a tamper protected housing (on-board front spring tamper) and features also an X-BUS status LED and on-board buzzer for easy device identification and extensive self-diagnostic capabilities.



#### SPCE450.100 Expander, 8 relay-outputs

The SPCE450.100 Expander extends the SPC system via X-BUS with 8 fully programmable relay outputs.

The outputs are volt free relays that provide both NO and NC terminals allowing the greatest flexibility.

The Expander comes in a tamper protected housing (on-board front spring tamper) and features also an X-BUS status LED and on-board buzzer for easy device identification and extensive self-diagnostic capabilities.



#### ■ SPCE652.100 Expander, 8 input / 2 outputs, back tamper

The SPCE652.100 Expander extends the SPC system via X-BUS with 8 wired zones and 2 fully programmable relay outputs. The zones and outputs on the expander function exactly as the zones and outputs on the SPC panel. Each zone can be configured for different zone monitoring requirements. The system supports 4K7 resistors as standard for monitoring as well as support for a range of other resistor values. The outputs are volt free relays that provide both NO and NC terminals allowing the greatest flexibility. The expander comes in a tamper protected housing (on-board front / back spring tampers) and features also an X-BUS status LED and on board buzzer for easy device identification and extensive self-diagnostic capabilities.



#### ■ SPCE452 Expander, 8 relay-outputs, back tamper

The SPCE452.100 Expander extends the SPC system via X-BUS with 8 fully programmable relay outputs. The outputs are volt free relays that provide both NO and NC terminals allowing the greatest flexibility. The relay can be activated under a number of conditions. The Expander comes in a tamper protected housing (on-board front / back spring tampers) and features also an X-BUS status LED and on board buzzer for easy device identification and extensive self-diagnostic capabilities.



#### SPCA210.100 2-Door expander

The SPCA210.100 2-Door Expander extends the SPC6000 with advanced door control functionality for 2 entry doors or 1 entry/exit door.

The device features 2 Wiegand/Clock&Data interfaces, 4 LED control outputs (1 void / 1 valid per reader), 4 zones (1 position- and 1 opening switch per door), 2 relay outputs (1 lock per door) and an on-board buzzer to signal "door open too long" events. The zones and outputs function exactly as for the SPC panel.

To allow greatest flexibility, the zones and outputs are freely programmable for other purposes if not used for door control. Up to 512 priority card holders can be stored on the expander for standalone operation in case of communication loss to the control panel.

The Expander comes in a tamper protected housing (on-board front spring tamper) and features also an X-BUS status LED for easy device identification and extensive self-diagnostic capabilities.



#### ■ SPCW130.100 SiWay RF-expander

The SPCW130.100 SiWay RF-Expander is connected to the X-BUS and provides a range extension for the Intrunet wireless detectors and remote controls linked to the system. The Expander comes in a tamper protected housing and features also an X-BUS status LED and on board buzzer for easy device identification and extensive self-diagnostic capabilities.

#### **SPC Power Supply**



#### SPCP332.300 Smart PSU (7 Ah) with 8 input / 2 output expander

The SPCP332.300 Smart PSU Expander extends the SPC system via X-BUS with amonitored 12 V DC 2.6 A local power source for connected security devices (e.g.Expanders on X-BUS) and battery management, 8 wired zones and 2 fully programmable relay outputs with the same specification as for the SPCE650.100.

The SPCP332.300 comes in a tamper protected metal cabinet with space for an optional 7 Ah battery.



#### SPCP333.300 Smart PSU (17 Ah) with 8 input / 2 output expander

The SPCP333.300 Smart PSU Expander extends the SPC system via X-BUS with a monitored 12 V DC 2.6 A local power source for connected security devices (e.g. Expanders on X-BUS) and battery management, 8 wired zones and 2 fully programmable relay outputs with the same specification as for the SPCE650.100.

The SPCP333.300 comes in a tamper protected hinged metal cabinet with space for an optional 17 Ah battery and 3 Expanders.



#### ■ SPCP432.300 Smart PSU (7 Ah) with 2-door expander

The SPCP432.300 Smart PSU Expander extends the SPC system via X-BUS with a monitored 12 V DC 2.6 A local power source for connected security devices (e.g. Expanders on X-BUS) and battery management and advanced door control functionality for 2 entry doors or 1 entry/exit door with the same specification as for the SPCA210.100.

The SPCP432.300 comes in a tamper protected metal cabinet with space for an optional 7 Ah battery.



#### SPCP433.300 Smart PSU (17 Ah) with 2-door expander

The SPCP433.300 Smart PSU Expander extends the SPC system via X-BUS with a monitored 12 V DC 2.6 A local power source for connected security devices (e.g. Expanders on X-BUS) and battery management and advanced door control functionality for 2 entry doors or 1 entry/exit door with the same specification as for the SPCA210.100.

The SPCP433.300 comes in a tamper protected hinged metal cabinet with space for an optional 17 Ah battery and 3 Expanders.

#### Plug-on/modules and accessories



#### SPCW110.000 SiWay RF-Kit for panel

The SPCW110.000 SiWay RF-Kit for Panel extends the SPC control panel with a wireless receiver for Intrunet wireless detectors and remote controls in reception range.

The wireless module plugs directly on the main PCB of compatible SPC panels. The kit also includes a stub antenna to mount on metal cabinets.



#### SPCN110.000 PSTN module, V90

The SPCN110.000 PSTN module (up to 56K) is compatible with the complete SPC panel rang and plugs directly on the main PCB removing the need for any additional wiring.

The modem can take control of the line and communicates with a central station (ARC) using common format protocols (SIA, Contact ID etc.). It also supports PPP connection to SPC Pro Software for remote programming and configuration up-/download.

The PSTN modem can be used as the primary source of communication or as backup to IP communication or GSM modem.



#### ■ SPCN310.000 GSM module incl. antenna

The SPCN310.000 GSM module can be assigned to any mobile network by the insertion of a standard SIM card. The modem is compatible with the complete range of SPC panels and plugs directly on the main PCB removing the need for any additional wiring. The unit comes with an external aerial that fits on the cabinet.

The modem communicates with a central station (ARC) using common format protocols (SIA, Contact ID etc.) or IP over GPRS to SPC Com alarm receiver. It also supports PPP connection to SPC Pro Software for remote programming and configuration up-/download.

The SMS feature allows user / engineer to be sent a predefined text when selected events occur in the system. It also allows receiving of predefined SMS commands for security system control. The GSM modem can be used as the primary source of communication or as backup to the PSTN modem or IP communication.



#### ■ SPCW101.000 External aerial kit

The SPCW101.000 External Antenna Kit (868 MHz) allows the connection of a GSM or wireless module in a cabinet to an externally mounted antenna for best reception level.

The kit comes with a stub antenna, 2 m cable with connectors and a mounting bracket. The antenna connects to GSM- or wireless modules with fitted SMA connector for external antenna option.



#### ■ SPCY130.000 Backtamper kit G3-cabinet

The SPC G3 back tamper kit provides the SPC control panels in a G3 cabinet with the option of having back tamper. The back tamper kit is suitable for all panels in a G3 cabinet.

#### Remote/on-site programming and operation



#### SPCX410.000 SPC Fast programmer

The SPCX410.000 Fast Programmer provides a simple method of transferring configuration files from a PC (USB) to an SPC panel through the SPC Pro application and backing up configuration files from an SPC Panel to the Fast Programmer without direct PC connection.

This portable device has on-board 1MB flash memory, which typically can store in excess of 100 configuration files or a new firmware release for on site controller firmware update.



#### ■ SPCS310.000 SPC Pro Programming Tool

The SPCS310.000 configuration software allows the panels to be easily configured via PC in online or offline mode. In online mode the system can also be controlled (e.g. set/unset of areas or inhibit of zones) and event log and system status can be viewed.

The software connects via RS232, USB or IP to the SPC Controller. The RS232 and IP connection can either be a direct or a remote connection. The SPC Fast Programmer is also supported.



#### SPCS320.000 SPC Remote Maintenance Server Software

The SPCS320.000 Remote Maintenance Server ensures a high service quality at reduced costs. The server periodically receives automated technical system checks from the SPC panel via PSTN, GSM or IP, without involvement of an engineer..

The data on the server can be auto-analysed and printed, an ideal support for existing or new service contracts with customers

The SPC Pro is used as user interface for server configuration and to schedule reports or process available data for each installation.

Support of remote maintenance service depends on type and firmware release of connected SPC control panel.



#### SPCS410.000 SPC Safe PC-Software

The SPCS410 SPC Safe reduces administration costs of a large installed SPC panel base and is based on a client/server architecture.

The central SPC Safe server always contains up-to-date configuration files in a central database. Configuration changes of an installation (e.g. changed PIN) are automatically transmitted over IP (Ethernet) to the SPC Safe server. Alternatively, the configuration files can be easily exported from SPC Safe database to the engineers PC for offline configuration changes, or vice versa.

The SPC Safe clients can be installed on every engineers PC and connects to the SPC Safe database over IP. The client allows changing, import or export of configuration files, communication setup with registered panels or tracking of configuration history per panel.

## **Order Information**

| Portfolio    |                  | _              |   |            |
|--------------|------------------|----------------|---|------------|
| segments     | Part number      | Туре           | Product Description                     | Available  |
|              | S54541-C108-A100 | SPC4220.310-L1 | SPC4220.310-L1 Intrusion CP,G2          | from stock |
|              | S54541-C109-A100 | SPC4320.310-L1 | SPC4320.310-L1 Intrusion CP,G2          | from stock |
|              | S54541-C103-B100 | SPC5230.310-L1 | SPC5230.310-L1 Intrusion CP,G3          | from stock |
|              | S54541-C106-A100 | SPC5320.310-L1 | SPC5320.310-L1 Intrusion CP,G2          | from stock |
|              | S54541-C107-A100 | SPC5330.310-L1 | SPC5330.310-L1 Intrusion CP,G3          | from stock |
| Controllers  | S54541-C105-B100 | SPC6330.310-L1 | SPC6330.310-L1 Intrusion CP,G3          | from stock |
|              | S54558-A106-A100 | SPC4200.000    | SPC4200.000 Main board for SPC42xx CP   | Sept. 2010 |
|              | S54558-A107-A100 | SPC4300.000    | SPC4300.000 Main board for SPC43xx CP   | Sept. 2010 |
|              | S54558-A102-A100 | SPC5200.000    | SPC5200.000 Main board for SPC52xx CP   | from stock |
|              | S54558-A105-A100 | SPC5300.000    | SPC5300.000 Main board for SPC53xx CP   | from stock |
|              | S54558-A103-A100 | SPC6300.000    | SPC6300.000 Main board for SPC63xx CP   | from stock |
| Keypads      | S54543-F101-A100 | SPCK420.100    | SPCK420.100 LCD keypad.2x16 Char.       | from stock |
|              | S54543-F102-A100 | SPCK421.100    | SPCK421.100 LCD keypad.2x16 Char,CR     | from stock |
|              | S54543-F103-A100 | SPCK422.100    | SPCK422.100 LCD keypad.2x16 Char,RF     | from stock |
|              | S54543-F110-A100 | SPCK620.100    | SPCK620.100 Comfort Keypad              | from stock |
|              | S54543-F111-A100 | SPCK623.100    | SPCK623.100 Comfort Keypad w. Audio/CR  | from stock |
|              | S54542-F103-A100 | SPCE450.100    | SPCE450.100 Expander. 8 Relay-Outp.     | from stock |
|              | S54542-F101-A100 | SPCE650.100    | SPCE650.100 Expander (8 Inp./2 Outp.)   | from stock |
| Expanders    | S54542-F104-A100 | SPCE110.100    | SPCE110.100 Key Switch Expander         | from stock |
|              | S54542-F105-A100 | SPCE120.100    | SPCE120.100 Indication Expander w. CR   | from stock |
|              | S54542-F106-A100 | SPCE652.100    | SPCE652.100 Expander.8In/2Out,backtamp. | from stock |
|              | S54542-F107-A100 | SPCE452.100    | SPCE452.100 Expander.8 relays,backtamp. | from stock |
|              | S54554-F101-A100 | SPCW130.100    | SPCW130.100 SiWay RF-Expander           | from stock |
|              | S54547-A101-A100 | SPCA210.100    | SPCA210.100 2-Door expander             | from stock |
| Power Supply | S54545-C101-A100 | SPCP333.300    | SPCP333.300 Smart PSU (17AH) w. I/O-Exp | from stock |
|              | S54545-C102-A100 | SPCP332.300    | SPCP332.300 Smart PSU (7AH) w. I/O-Exp. | from stock |
|              | S54558-A104-A100 | SPCP330.000    | SPCP330.000 PS boards for SPCP33x       | from stock |
|              | S54545-C103-A100 | SPCP432.300    | SPCP432.300 Smart PSU (7AH),2-door Exp. | from stock |
|              | S54545-C104-A100 | SPCP433.300    | SPCP433.300 Smart PSU(17AH),2-door Exp. | from stock |
|              | S54558-A109-A100 | SPCP430.000    | SPCP430.000 PS Boards for SPCP43x       | Sept. 2010 |
|              | S54550-B101-A100 | SPCN110.000    | SPCN110.000 PSTN Module. V90            | from stock |
| Plug-on      | S54550-B102-A100 | SPCN310.000    | SPCN310.000 GSM Module incl. antenna    | from stock |
| modules and  | S54554-B101-A100 | SPCW110.000    | SPCW110.000 SiWay RF kit f. panel       | from stock |
| accessories  | S54559-B101-A100 | SPCW101.000    | SPCW101.000 External aerial kit         | from stock |
|              | S54559-B116-A100 | SPCY130.000    | SPCY130.000 Backtamper kit G3-cabinet   | from stock |
| Remote/on-   | S54549-F101-A100 | SPCS410.000    | SPCS410.000 SPC Safe PC-software        | Sept. 2010 |
| site         | S54549-F102-A100 | SPCS320.000    | SPCS320.000 SPC Remote maint. server SW | Sept. 2010 |
| Programming  | S54559-B102-A100 | SPCX410.000    | SPCX410.000 SPC Fast Programmer         | from stock |