SPC 3.12

FIRMWARE

RELEASE NOTES

Issue Summary

1   Feature: Change GPRS DNS

Feature Description	• This option was added to the Communications/Services webpage • The option is enabled for standard data modem communication • In cases where the SIM is configured for a private APN connection and a connection to a specific VPN address, this option needs to be disable. • This option is enabled by default

2   Feature: Change Start-up Wizard – Default value for SPC Connect and DHCP

Feature Description	• The SPC Connect option in the initial start-up wizard is now **disabled** by default. • This will prevent customers from inadvertently enabling the option and setting up an ATS connection to SPC Connect • This will also prevent the alert message "SPC Connect Offline" appearing on the keypad. • The DHCP option in the initial start-up wizard is now **disabled** by default. • This will prevent customers from inadvertently enabling the option when not required.

3 Feature: Change HTTPS/TLS Help String in Browser

Feature Description	Re-added TLS as an interface option for web access
	• Option available in
	  o keypad start-up wizard
	  o Web interface: Communications / Services
	  o From Keypad menu in Full Engineer/Communications/Ethernet/WEB Access
	• Options available: **HTTP** / HTTPS / Off (Default: HTTP port 80)
	
	Updated the help string for HTTPS on browser page to read:
	"Activating this option may prevent your browser from connecting to the SPC panel."

4 Bug fix: EDP alarm transmission delayed when using dual path comms and modem connection is not operational

| Feature Description | An issue has been identified that under specific circumstances (see below) there is a possibility that an alarm transmission from the SPC system can be delayed.
Conditions:
If your system does not fulfil **all** the shown criteria below at the same time, your system is **not** affected by this issue.

SPC system 4xxx,5xxx,6xxx
+ Firmware version: 3.1.1 and later
+ SPC Modem (SPCN310, SPCN320, SPCN340)
+ EDP V2 Alarm transmission
+ Dual path communication
      Primary path: Ethernet
      Backup path: GSM (EDP via GRPS dial up connection)
+ The primary path and backup must be configured in one ATS system
+ GSM modem is out of service caused by an ISP outage
+ An alarm occurs while the modem is temporarily disconnected

This issue only affects EDP connections.

How to fix the issue:
1.   Update to SPC FW 3.12
  a.   via SPC Connect PRO PC tool
  b.   via embedded web server
  c.   via SPC Connect FW update feature
i.   Site per site
ii.   Or SPC Connect/SPC Affinity mass upgrade per site group FW update feature
OR
2.   Split dual path EDP ATS into two separate EDP ATS system (no FW upgrade required)
ATS 1: Ethernet as primary (mark the primary receiver flag)
ATS 2: GSM (GPRS dial-up connection (do not mark the primary receiver flag)
OR
3.   Use Vanderbilt's latest alarm & event transmission protocol "FlexC"
a.   Check with your CMS partner if this protocol is supported |
| | |

5 Feature: Updated language files

Feature Description	Updated language files 3.12 provided by local GTS departments.

6 Feature: KIWA support

Feature Description	• Standard changes for KIWA - For Netherlands region, tamper restore is not allowed for users, only an engineer can restore it. For Netherlands Grade 3, Default Pin digits is changed to 6 from 5. • Maximum number of events to be logged for a zone set to 3 for regions Belgium and Netherlands. • For Belgium region, Tampers not allowed to be restored by user; existing tamper restores are retained. Default pin set to 6 for Grade 3. • Combined Holland and Belgium policy for INCERT.

7 Feature: Disable Parameter Server

Feature Description	Disable Parameter Server in SPC FW 3.12