Firmware 1.5 and 1.8 configurations comparison

Description

Since 1.5 firmware version some configuration parameters stopped existing, new ones were added, others simply changed their name. All these changes might be a problem when you want to import old configuration file into WCC Lite with a new firmware. This article is aimed to provide differences between different firmware versions for such protocols as Modbus Master, IEC 608705103 Master and Internal Data.

MODBUS Master

Device sheet:

Parameter	1.5	1.8
mode	-	+
ascii	+	-
keep_alive_timeout	-	+
event_history_size	+	-
update	-	+

+ (exists)

- (does not exist)

| Description of a Parameter | 1.5 | 1.8 |
	Parameter	Parameter
IP address of TCP slave device	host	ip
Number of requests, before link is considered lost (device status signals are changed) and reconnect attempt will be issued	poll_retry_count	retry_count
RS485 delay between read and write operations in milliseconds	poll_delay_ms	serial_delay

Signal sheet:

Parameter	1.5	1.8
scan_rate_ms	+	-

+ (exists)

- (does not exist)

| Description of a Parameter | 1.5 | 1.8 |
	Parameter	Parameter
Size of this signal's log in Event log.	log_size	log

IEC 608705103 Master

Device sheet:

Parameter	1.5	1.8
event_history_size	+	-
serial_delay	+	-
retry_delay_ms	-	+

+ (exists)

- (does not exist)

Description of a Parameter	1.5	1.8
	Parameter	Parameter
Polling interval in milliseconds. Time frame between two telegrams from master.	poll_interval_ms	scan_rate_ms
Response timeout in milliseconds	poll_timeout_ms	timeout_ms
Number of retries of failed requests before announcing that device is in Error state	poll_retry_count	retry_count

Signal sheet:

Description of a Parameter	1.5	1.8
	Parameter	Parameter
Size of this signal's log in Event log.	log_size	log

WCC Lite internal signals

Device sheet:

Parameter	1.5	1.8
name	-	+
device_alias	-	+

+ (exists)

- (does not exist)

Signal sheet:

job_todo comparison:

job_todo	1.5	1.8
gsm	-	+
date	-	+

tag_job_todo comparison:

job_todo	tag_job_todo	1.5	1.8
gpio	GPIO number	+	-
	digital-input	-	+
	rs232-enable	-	+
	sim-select	-	+
	sim-detect	-	+
	modem-reset	-	+
board	active-sim-iccid	+	-
	active-sim	+	-
	duid	+	-
	mac-address	-	+
	uptime	-	+
	fw-version	-	+
	hw-version	-	+
	modem-type	-	+
led	green-signal1	-	+
	green-signal2	-	+
	green-signal3	-	+

+ (exists)

- (does not exist)

Description of a Parameter	1.5		1.8	
	job_todo	tag_job_todo	job_todo	tag_job_todo
GSM RAT number	board	gsm-current-rat-num	gsm	rat-number
GSM IMSI number		gsm-imsi		imsi-number
GSM Internet status		gsm-internet-status		internet-status
GSM operator number		gsm-operator-num		operator-number
GSM roaming status		gsm-roaming-status		roaming-status
GSM signal quality		gsm-signal-quality-num		signal-quality
WLAN LED	led	wcclite:blue:wlan	led	blue-wlan
ETH0 LED		wcclite:green:eth0		green-eth0
ETH1 LED		wcclite:green:eth1		green-eth1
Fault LED		wcclite:red:fault		red-fault
Relay LED & Output		wcclite:relay	gpio	relay