elvaco

RELEASE NOTES 2017-12-04

!!!PLEASE NOTE!!!

Link-local address for USB network interface is changed from 192.168.100.1 to 169.254.254.1 to avoid conflicting IP addresses.

CMe3100 Firmware version 1.8.0

Who should upgrade?

All devices should be upgraded at nearest convenient point in time to let users benefit from new features, usability improvements and removed bugs.

Important! If you have previously upgraded to version 1.4.0, please refer to "PQN 22502-5 Problem with Factory reset in v1.4.0.pdf" or contact support at Elvaco.

Due to a performance improvement of the log database structure the system log will be cleared during upgrade *if* upgrading from v1.4.0 or an earlier version.

Highlights version 1.8.0

New feature "FTPS" is added to list of available services (#4574)

- Push Reports now supports FTPS to ensure secure transmission of meter data.

Detailed change log v1.8.0 (new features & resolved bugs)

#	Type	Description
4574	Feature	Device now handles all HTTP response codes in the 2xx range.
3954	Feature	Device now supports FTPS Push Reports

Detailed change log v1.7.4 (new features & resolved bugs)

#	Type	Description
4514	Feature	REST: Delete log is removed to improve security, now also removed from help section
4491	Feature	Default time synchronization is changed to 11:30 pm/am instead of 0:30 pm/am
4055	Feature	REST: Device can now be updated via identification field (/device/update/identification/{identification}/…)
4230	Bug	Meters with compact frame cannot be decrypted (e.g. Kamstrup MC21)

Detailed change log v1.7.3 (new features & resolved bugs)

#	Type	Description
4044	Feature	Measurement series template for gas meters added
3902	Feature	License information available in status command
3739	Feature	It is now possible to execute auto configuration automatically after it has been saved
4230	Bug	Report schedule selection is empty after update
4063	Bug	Meter data is read correctly via virtual slave port in continues mode
3655	Bug	The option to delete records from the system log via REST interface is removed to improve security

Detailed change log v1.7.2 (new features & resolved bugs)

#	Type	Description
4178	Bug	Virtual M-Bus communication starts with wrong configuration upon reboot

Detailed change log v1.7.1 (new features & resolved bugs)

#	Type	Description
4043	Bug	DLMS doesn't handle interpunctuation characters as part of octet strings

Detailed change log v1.7.0 (new features & resolved bugs)

#	Type	Description
3547	Feature	New DLMS event "User trying to lower security policy" is added to system log
3557	Feature	Device monitoring is now available using SNMP
3936	Feature	Raw and decoded M-Bus data are now available in DLMS
3950	Feature	System log event ID is now included in log Push Reports
3960	Feature	Certificate handling for HTTPS is improved to allow more advanced setups

4023	Feature	Boot counter is now added to device statistics (Device > About)
3686	Bug	Format specifiers are sometimes not resolved in system log entry texts
3843	Bug	Push Report number is wrong in system log entry text for configuration change events

Detailed change log v1.6.3 (new features & resolved bugs)

#	Type	Description
3981	Bug	Software package update to support improved production process

Detailed change log v1.6.2 (new features & resolved bugs)

#	Type	Description
2537	Bug	HTTP Push Report is logged as failed if receiving web server doesn't respond with a body
3844	Bug	Save & Send test report doesn't work if security level 1 password is set
3849	Bug	Unable to use individual settings for Authentication mode in HTTP Push Reports, default settings are always used

Detailed change log v1.6.1 (new features & resolved bugs)

#	Type	Description
3499	Feature	Mass deployment of firmware updates, configurations and licenses is now possible using the EDM tool
3539	Feature	Measurement serie templates can now be imported and exported to simplify configuration
3566	Feature	REST interface is now supporting Continuous read out mode using mdmdata/api/single/ or mdmdata/api/multi/
3570	Feature	Modbus slave address can now be changed (Modbus add-on)
3657	Feature	Limit for exporting measurement series is now increased to 5000
3658	Feature	"Signal Strength" is now added to measurement series template "Electricity, ABB, general"
3410	Bug	Push Reports doesn't work if schedule is set to daily reports
3467	Bug	Meter readout cycle is aborted if a wireless meter is faulty
3560	Bug	Heavy load on Virtual M-Bus over TCP/IP sometimes causes "Error connecting."
3561	Bug	Scheduling a Push Report with a shorter interval than it takes to complete the report sending causes the device to become overloaded and reboot.
3564	Bug	Display error value in settings for Measurement series doesn't work
3567	Bug	Unable to detect a lost Ethernet connection
3669	Bug	Sending value or log Push Report causes report service to hang if reports are larger than 100 values per meter / entries (v1.6.0)
3700	Bug	Factory reset change the hostname to CMe3100-0016000000
3703	Bug	The M-Bus interface sometimes hangs if multiple services access the M-Bus
3727	Bug	DLMS connection idle timeout setting doesn't work

3766	Bug	"filter.device.includelist" setting doesn't work with report templates containing multiple meters in a single file

Detailed change log v1.6.0 (new features & resolved bugs)

#	Type	Description
3293	Feature	Database performance is improved
3433	Feature	Automatic retransmit of Push Reports that has failed to reach its destination is now improved
3435	Feature	System log is reworked with a complete new set of entries
3466	Feature	Option to recover password via e-mail on My Account page is removed to improve security
3474	Feature	New feature "DLMS Plugin" is added to list of available add-ons
3488	Feature	Link-local address for USB network interface is changed from 192.168.100.1 to 169.254.254.1 to avoid conflicting IP addresses
3490	Feature	New feature "Continuous readout mode"
3497	Feature	Integration with Kabona systems are now streamlined
3206	Feature	Push Report schedule automatically aligns with meter readout schedule
3175	Bug	Requesting data through Virtual M-Bus using secondary address sometimes returns wrong/no data
3195	Bug	Changing port for the Web server service doesn't display the "reboot is required" banner
3276	Bug	Validation of email address doesn't allow two dots, e.g. username@mail.co.uk
3340	Bug	Push Reports doesn't handle huge meter values (greater then unsigned int 32)
3346	Bug	Unable to decrypt telegrams from CMeX20W, results in error "unknown encryption method"
3349	Bug	Add-on settings are not stored when creating a backup file
3369	Bug	Meter readout doesn't show error message when unable to connect to the meter (applies to all versions 1.4.x)
3482	Bug	Reports can be malformed if M-Bus field of type string contains non-ascii characters
3489	Bug	Unable to search log entries if the search string contains an apostrophe sign (')

Detailed change log v1.4.4 (new features & resolved bugs)

#	Type	Description
3427	Feature	Size of system log increased and disk cleanup procedure improved
3428	Feature	HTTP Push Reports now supports HTTPS
3426	Bug	System log is deleted when maximum database size is reached
3436	Bug	Columns between "MOID" and "Secondary address" is in wrong order for report template 1112, 2112, 3112 (v1.4.3)

Detailed change log v1.4.3 (new features & resolved bugs)

#	Type	Description
3350	Feature	System security is improved
3365	Feature	Client certificates can now be used to authenticate clients connecting to the web server or REST interface (Services - Web server)
3265	Bug	Unable to download backup file from file repository if larger than 40MB
3400	Bug	Manufacturer name is incorrectly shown when importing encryption keys with manufacturer information
3402	Bug	An extra tab can be present in the commissioning report

Detailed change log v1.4.2 (new features & resolved bugs)

#	Type	Description
3353	Bug	Upgrading to v1.4.1 when ModBus plugin is installed sometimes causes the ModBus mapping to disappear

Detailed change log v1.4.1 (new features & resolved bugs)

#	Type	Description
3292	Bug	The factory reset function causes database settings to become incorrect. Ref: PQN 22502-5
3297	Feature	The option to delete records from the system log is removed to improve security
3303	Feature	Export function in System log can now export the full log as csv (previously limited to 1000 entries)

Detailed change log v1.4.0 (new features & resolved bugs)

#	Type	Description
3079	Feature	Change device is removed to adapt to a coming feature update
2719	Feature	Virtual M-Bus can now support enhanced secondary addressing (provided for compatibility reasons)
3243	Feature	JavaScript feature in Measurement series is temporarily disabled until a more user friendly API has been developed
3221	Feature	Measure object ID is added as a separate column to export files from Modbus mappings and file is now filtered according to filter settings on page
3170	Feature	Timeout settings for ftp, http, and email, are added to settings for Services > Push Reports (default is now 60 sec)
3088	Feature	Date and time for when device was started is added to the System Panel
3084	Feature	Push Report URL is now allowing all types of characters to enable e.g. request parameters
2917	Feature	Modbus constant in Measurement series > Modbus Map can now handle decimal constants
2392	Feature	Presets for week, month and quarter are added to Report schedule control
3117	Feature	New feature "Adaptive Retries" is added to the Push Reports service

3081	Bug	Sending push reports can hang the report service if receiving HTTP server can't be reached
2716	Bug	Sending E-Mail and FTP push reports can hang the report service if the receiving server doesn't manage the connection correctly
3261	Bug	Device backup doesn't store all configuration settings in backup (only meter value database)
3080	Bug	System log is flooded with "Connection refused" when using HTTPS to connect to the web interface
2538	Bug	Report columns and data is sometimes mismatched if meters are using multi telegram
3254	Bug	Device doesn't warn user if there isn't enough disk space to perform a backup which can cause the device to become unresponsive (will need factory reset)
3253	Bug	Date & time icon in installation panel is showing a warning when accepted time difference is set to 0 even if time sync is working correctly
3236	Bug	Support links are in Swedish when selected language is English
3201	Bug	Unable to set Manual DNS if Dynamic IP is chosen
3193	Bug	Firmware update dialog is displayed incorrectly in IE 11
3175	Bug	Requesting data through Virtual M-Bus using secondary address sometimes returns wrong data
3132	Bug	Virtual M-Bus doesn't respond with ACK when receiving SND_NKE and using secondary addressing
3082	Bug	Unable to set time using Console interface
3072	Bug	Editing settings for a faulty meter causes an error page to be displayed
3071	Bug	Export file from measurement series table is incorrect
3007	Bug	REST interface example about report settings doesn't work
3002	Bug	REST interface GET /system/time sometimes return wrong moth
2918	Bug	Changing host name (Network settings) sometimes fails and causes and host name to be reverted to default name
2749	Bug	REST interface device command doesn't work
2557	Bug	Sorting meter list on status column sometimes doesn't work
2438	Bug	Changing from static to dynamic IP causes an error if the device hasn't a working network connection