



Configuration file Parameter Name	WM-E Term Parameter Group	WM-E Term Parameter Name	Default value (Recommended factory default values)	Measurement unit/entry type	Comment	Description for the Customer	
e_client.user	AMM (EC)	Ei client username	-	username (text, numbers)	Ei address username	Define the Ei client's username for the connection IP address.	
e_client.pass		Ei client password	-	password	Ei address password	Define the Ei client's password for the username of the connection IP address.	
e_client.addr		IP address	-	IP address	AMM (EiServer) IP address (ftp client ip)	Here you can define the remote server's IP address, where the data will be transmitted through the wireless networks.	
e_client.auth_mode		Ei client authentication mode	-	SELECTION	Ei client authentication mode	A remote device can be connected to the modem and readout data - here you can select authentication mode. Values: N - no authentication E - E2 authentication - you have to define the username / password	
e_client.port		Server port	0	Port number	AMM (EiServer) port (ftp client port)	Define the port number of the server IP address.	
e_client.deployed		Auto register	0	Checkbox to enable/disable	Automatic registration to the address*	In case of data push send automatically or not 0 = false, 1 = true * Not used	
e_client.interval_fast		Poll interval fast (not deployed)	30	seconds	Poll interval fast (not deployed)*	Value of Poll interval fast (not deployed) * Not used	
e_client.interval_slow		Poll interval slow (deployed)	30	seconds	Poll interval slow (deployed)*	Value of Poll interval slow (deployed) * Not used	
e_client.tcp_keepalive		Ei client TCP keep alive	10	minutes	Ei client TCP keep alive (in minutes)	Keep the Ei client connection alive for the defined time range	
eventpush.addr		Event push notification	-	Phone nr. Or IP address	Destination IP address of alarm push (SMS/FTP/UDP)	Add the notification phone number or IP address to the event push address field in international format.	
eventpush.sms_text	Event push notification text	Input changed	text	In case of input change event, the SMS notification text	Add the notification text for input signal change detection event.		
eventpush.sms_ignore	Event push notification ignore until [sec]	-	seconds	Event push notification sending will be ignored/postponed until the declared interval	Event push notification sending will be ignored/postponed until the declared interval		
eventpush.sms_notify	Event push event notification type	Last Gsm	SELECTION	Event push notification type will be chosen / operated by the selected value	1-4= GSM; 2=ping changes; 4=CSX; 8=Debug		
eventpush.sms_lost_text	Event push Power Lost notification	Power lost	text	In case of power out/in (power loss) event, the SMS alarm notification text	Add the alarm notification text for occurred power loss detection event.		
eventpush.sms_return_text	Event push Power Return notification	Power return	text	In case of release of power outage (end of power loss) event, the SMS alarm notification text	Add the alarm notification text for occurred power return detection event.		
datapush.host	AMM (EC) (Data Push)	Data push host	-	ftp path/URL, with credentials	Data push address (for SMS/FTP/UDP)	FTP server address and connection parameters - as protocol, IP address as user and password.	
datapush.icc_address		Data push ICC address	-	IP address	Data push ICC address (source meter address)	FTP server IP address - usage: datapush.host + username/password:source_meter_address/icc_address	
datapush.icc_readout_baudrate		Data push ICC readout baudrate	-	SELECTION	Data push ICC readout baudrate	The Data push (ftp) parameters are here if you wish to use the data push service for the modem (as Data push ICC address as the source meter address and the ftp server IP address (Data Push Host)).	
datapush.max_retries		Data push max retries	3	number	Data push max retries (in case of failure)*	Max values: 2400, 4800, 9600, 19200 Number of retries of data push operation in case of failure *Not in use	
datapush.timeout		Data push timeout	15000	milliseconds	Data push timeout	Interval of data / FTP push connection wait - it waits until the declared interval whether it was successful or not *Not in use	
datapush.interval		Data push interval	86400	seconds	Data push interval	Interval of next data / FTP push connection trying - the data push will be inactive until the interval spent and then it will try again (if Data push max retries was not exceeded)	
datapush.retry_delay		Data push retry delay(s)	60	seconds	Data push retry delay(s)	Data push delay between retries. Value in seconds.	
datapush.table_mask		Data push table mask	T1	SELECTION	Data push table mask	Data push - Mask for signing tariff tables to be pushed Values: 1=1T, 16=1T2, 3=7T3	
datapush.periodic		Data push cycle period	5	minutes	Data push periodic	Data push period (cycle) - interval alternative in fixed format. Values: 0=Disable, 1= min, 5= min, 10= min, 15= min, 30= min, 1 hour, 1 day	
datapush.prefix		Data push prefix	-	string	Data push prefix	Data push file name prefix (etc. WM115)	
ntp.address	NETWORK PROTOCOLS	NTP server IP address	-	IP address	NTP server address	NTP server IP address	
ntp.port		NTP server port	-	Port number	NTP server port	NTP server port number	
ntp.interval		NTP synchronization interval	600	seconds	NTP synchronization interval	NTP time sync interval. Value in seconds	
ntp.timeout		NTP synchronization timeout	60	seconds	NTP synchronization timeout	NTP time sync timeout. Value in seconds	
ntp.timezone		NTP synchronization Time Zone (UTC +12N, -12N)	-	SELECTION	NTP synchronization Time Zone (UTC +12N, -12N)	NTP synchronization Time Zone (UTC +12N, -12N)	
com.apn.name		APN Name	wm2m	name (text, APN allowed chars.)	APN Name	APN Name - ask you mobile operator (of the SIM)	
com.apn.username		APN Username	-	name (text, APN allowed chars.)	APN Username	APN Username - if you mobile operator / APN requires	
com.apn.pass		APN Password	-	password	APN Password	APN Password - if you mobile operator / APN requires	
com.autb.user		Create APN username automatically	0	Checkbox to enable/disable	Create APN username automatically	0 = off implemented, 1 = not implemented in standard FW * Not used	
com.autb.pass		Create APN password automatically	0	Checkbox to enable/disable	Create APN password automatically	0 = off implemented, 1 = not implemented in standard FW * Not used	
com.apn.with	APN preferred Authentication Protocol	0	SELECTION	APN preferred Authentication Protocol	0=None, 1=PAP, 2=CHAP, 3=PAP / CHAP		
pdcp.delay	PDCP connection establishment delay (ms)	0	minutes	Wait time before PDCP activation*	Delay		
pdcp1.apn.user	PDCP APN Name	-	READ ONLY	PDCP APN Name	Status value		
pdcp1.apn.pass	PDCP APN Password	-	READ ONLY	PDCP APN Password	Status value		
last.icc	ICC Address	-	READ ONLY	ICC Address	Status value		
last.icc	ICC Identifier	-	READ ONLY	ICC Identifier	Status value		
last.module	Telet module type	-	READ ONLY	Telet module type	Status value		
last.revision	Telet module firmware version	-	READ ONLY	Telet module firmware version	Status value		
gsm.always_on	STATUS	GPRS is always ON	1	Checkbox to enable/disable	Connects to GPRS only if it is „push“, in any other case the GPRS part is inactive (for FTP push or UDP/TCP push)	Check in the field, if it was empty (if it's empty it will be always online) Values: 1 = on, 0=off value for sleeping only	
gsm.connect_on_timer		Connection timer	0	Checkbox to enable/disable	Connection timer	Choose the Connection timer - only if you are not using the GPRS Always ON option (when it is disabled) Values: 1 = on, 0=off value	
gsm.connect_start		Start GPRS connection (HH:MM:SS)	FFFFFFFFF00000	HH:MM:SS	Start GPRS connection - if the „GPRS Always ON“ parameter was set to 0, then here can be defined a date/time when it will push the data	Schedule of starting the GPRS connection / data push First part "FFFFFFFF" is the date Second part "000000" is the HH:MM:SS time format	
gsm.connect_interval		Additional delay time	0	seconds	Additional delay interval before alarm push	Delay-time interval definition in case of using "push" to give some delay for build-up the connection. Will be valid only if the „GPRS Always ON“ parameter was set to 0	
gsm.disconnect_delay		Hold time of GPRS connection	0	seconds	After alarm push, the PDCP context will be deactivated and disconnected after this defined interval.	Will be valid only if the „GPRS Always ON“ parameter was set to 0	
fw_server.port		M2M	Port for transparent (IEC) meter readout	9000	Port number	Port for transparent (IEC) meter readout.	Define the Port for transparent (IEC) meter-readout. Note that must be different from the Download config and firmware port number
fw_server.port			Port for downloading the config and firmware	9001	Port number	Port for downloading the config and firmware	Define Port for download config and firmware. Note that must be different from Transparent IEC meter-readout port number
fw_server.key			AES-256 key for downloading the config and firmware	-	Key	AES-256 key for downloading the config and firmware	Insert key if required
fw_server.crypt			Use AES-256 CBC encryption	0	Checkbox to enable/disable	Use AES-256 CBC encryption	Enable the AES-256 encryption methodology if you want
com.max_retries		Number of GPRS connection attempts until module reset	15	number	Number of GPRS connection attempts till module-reset	Number of maximum GPRS (PDCP) connection attempts 'till module-reset Delay	
com.retry_delay_rewind	Waiting time until next try	1	seconds	Waiting time until next network connection attempt*	If the PDCP context activation was not successful, then it will wait until for the defined interval to the re-activation If that reached the end of the Time(s) [sec] between „GPRS connection attempts“ parameter value timeout, it goes back to the list, otherwise it is not used. * not implemented		
com.encrypt_pass	Encrypt password via MD5 algorithm	0	Checkbox to enable/disable	Encrypt password via MD5 algorithm	Encrypt password via MD5 algorithm Values: 0 = false, 1 = true * not used		
com.retry_delay	Time(s) [sec] between GPRS connection attempts	15,15,300,15,15,300,15,15,300	seconds	Time(s) [sec] between GPRS connection attempts	If the PDCP context activation was not successful, it will delay the reconnection according to the listing		
com.ping_host	Watchdog Check IP address	-	IP address	Watchdog Check IP address to ping	IPV4 address to ping (for checking the cellular connection health)		
com.ping_max_retries	Number of ping retries	3	number	Number of retries of checking the cellular network availability	Number of retries of checking the cellular network availability		
com.ping_timeout	Ping wait-time Reply	15000	milliseconds	Ping wait-time Reply	Timeout of ping interval (for checking the cellular network availability)		
com.ping_interval	Ping wait-time (for next cycle)	86400	seconds	Ping wait-time (for next cycle)	Interval (each time) between ping cycles, time interval until the next ping sequence occurring (for checking the cellular network availability)		
com.no_network_timeout	Timeout at GPRS login fail	30	minutes	Timeout at GPRS login fail	Timeout when GPRS (PDCP) login fail occurs - tolerance interval of PDCP connection establishment error		
gsm.reset_timeout	Wait-time until module-reset (hours)	24	hours	Module restart after this interval	Module restart after this interval		
gsm.restart_time	Modem daily restart at (HH:MM)	-	HH:MM	Daily restart on a fix, parametrised time, HH:MM	Daily restart on a fix, parametrised time, value in HH:MM for max. If you attempt to define a daily restart interval for the device - add the HH:MM value of the time of the device restart. Leave it empty if you do not allow the device to restart every day.		
com.reconnect_interval	WATCHDOG	GPRS connection will be closed and restored after this time	0	seconds	GPRS connection will be closed and restored after this time	Waiting interval between PDCP connection establishment, the value is also used for ping. If the ping is configured (Ping wait-time (for reply) parameter), then the defined interval / repeat time will be used for automatic reconnection after the given delay has elapsed.	
						Here you can define that after the network drops our the modem, how long does the modem wait before trying to reconnect to the mobile network again. Ask your mobile provider about the offered settings. Note that if you set this parameter to a low value that can cause frequent network reconections. Therefore under no circumstances should you set this value lower than what your mobile service provider recommends. (e.g. there are mobile network providers that limit the number of times a modem can log on to the network in a given time). Default value: 0	
gsm.restart_time_shift	Daily restart time window	-	minutes	Daily restart time frame window	Daily restart time frame window		
com.dss_connect	Device Service Session (FOTA)	0	Checkbox to enable/disable	Device Service Session (FOTA)	Enable/disable FOTA services		
com.dss_apn_name	APN name for device services session	-	name (text, APN allowed chars.)	APN name for device services session (FTP OTA)	Telet module FOTA support		
com.dss_apn_user	APN user name for device services session	-	username (text, numbers)	APN user name for device services session (FTP OTA)	APN Username - ask you mobile operator (of the SIM)		
com.dss_apn_pass	APN password for device services session	-	password	APN password for device services session (FTP OTA)	Telet module FOTA support APN Username - if you mobile operator / APN requires Telet module FOTA support APN Password - if you mobile operator / APN requires		

com.dts_w46	WATCHDOG (FOTA)	Cellular network access technology selection (LTE, 3G, 2G mode) for FOTA	25	special syntax	Cellular network access technology selection (LTE, 3G, 2G mode) for FTP OTA	<p>Here you can select a dedicated network for FOTA firmware updates or in case of availability of fallback channel you can choose that, or there is the opportunity to choose "All available access technology"</p> <p>Values:</p> <ul style="list-style-type: none"> * "Current setting is not changed" - Value: -1 * "Cat-M1" - Value: 0 * "NB-IoT" - Value: 1 * "Cat-M1 and NB-IoT" - Value: 2 * "2G only" - Value: 12 * "3G only" - Value: 22 * "All available access technology (Default)" - Value: 25 * "LTE only" - Value: 28 "default on LTE Cat 1. modems" * "3G with fallback to 2G" - Value: 29 * "LTE with fallback to 2G" - Value: 30 * "LTE with fallback to 3G" - Value: 31 <p>Note that the listed modes are not available for all modem type. The marked modes are only available if the cellular network access technology mode is supported by the current module.</p> <p>For LTE 4G modems we offer to choose the "LTE with fallback to 2G" Value 29 - if the fallback channel is supported on the modem or the LTE to 3G fallback (Value: 31) if it is supported.</p> <p>If the "all available network" option is supported by the modem and it was chosen, the modem will try to register to the last successful technology.</p>
com.dts_fpotd_retry		Retry count of FOTA process	0	number	FTP Firmware refresh (FOTA) retry	Module FOTA support FTP Firmware refresh retry numbers
com.dts_fpotd_par		Server address, filename and path	-	ftp path/URL with credentials	FTP OTA parameters (FTP host, user/path, filename)	Module FOTA support FTP server address and connection parameters - as protocol, IP address as user and password. Leave it empty if it is not used.
com.dts_fpotd_status		Status of the update process	0	READ ONLY	Status of the update process	Module FOTA support Status information of the current FTP OTA status
smr.reboot		Reboot the device	0	Checkbox to enable/disable	Reboot the device	Enable or disable device reboot
com.at_wmbs	MOBILE NETWORK	Band frequency configuration	-1	list code	Band frequency configuration according to the selected cellular network access technology	<p>WMBS tab: 2G, 3G, LTE, ... access cellular network technology selection.</p> <p>Here you can select a dedicated network or in case of availability of fallback channel you can choose that, or there is the opportunity to choose "All available access technology"</p> <p>Here you can select a dedicated network for FOTA firmware updates or in case of availability of fallback channel you can choose that, or there is the opportunity to choose "All available access technology"</p> <p>Values:</p> <ul style="list-style-type: none"> * "Current setting is not changed" - Value: -1 * "Cat-M1" - Value: 0 * "NB-IoT" - Value: 1 * "Cat-M1 and NB-IoT" - Value: 2 * "2G only" - Value: 12 * "3G only" - Value: 22 * "All available access technology (Default)" - Value: 25 * "LTE only" - Value: 28 "default on LTE Cat 1. modems" * "3G with fallback to 2G" - Value: 29 * "LTE with fallback to 2G" - Value: 30 * "LTE with fallback to 3G" - Value: 31 <p>Note that the listed modes are not available for all modem type. The marked modes are only available if the cellular network access technology mode is supported by the current module.</p> <p>For LTE 4G modems we offer to choose the "LTE with fallback to 2G" Value 29 - if the fallback channel is supported on the modem or the LTE to 3G fallback (Value: 31) if it is supported.</p> <p>If the "all available network" option is supported by the modem and it was chosen, the modem will try to register to the last successful technology.</p>
com.cdb		Type of call	0	SELECTION	Barrier type of incoming calls when no incoming bearer is specified	It is necessary for CBST and CNS commands Valid values: 1-Fax, 2-Voice
com.rings		Number of rings before accept a call (CS0)	3	number	Number of ring attempts	Waits for the defined number of rings before accepting the data call (CS0)
ed.password		Password for CHD call	-	password	Password for CHD call (login pass for call and SMS)	Login pass for call and SMS
sim.pin_code		SIM PIN code	-	PIN code	PIN number (SIM card)	PIN code of the SIM card - ask your mobile provider
com.at_cops		Provider selection mode (roaming)	0	SELECTION	Provider selection mode (roaming)	Cellular network provider (change parameter: Syntax in file: mode, format, operator
com.emb		Incoming voice calls receiving as data calls (CS0)	0	Checkbox to enable/disable	Incoming voice calls receiving as data calls (CS0)	Incoming voice calls will be received as data calls (CS0)
calendar.dts_begin	CALENDAR	Daylight saving time	FFFF04F07D0000003C	Date/Time	Start daylight saving (summer) - DST start date/time	Start date of daylight saving (summer) in hexadecimal format
calendar.dts_end		Standard time	FFFF04F07D00000078	Date/Time	End daylight saving (winter) - DST start date/time	End date of daylight saving (winter) in hexadecimal format
calendar.dts_enabled		Switching daylight saving time / normal time	1	Checkbox to enable/disable	Switching daylight saving time / normal time - DST enablement	You can switch on or off the daylight saving time / normal time handle Values: 0 - false, 1 - true
calendar.dts_deviation		Offset daylight saving time	60	minutes	Offset daylight saving time in minutes (compared to DST)	GMT offset of daylight saving time handle (in minutes)
calendar.timezone		Deviation of local time to GMT	60	minutes	Deviation of local time to GMT	GMT deviation of daylight saving time handle (in minutes)
led1		Meaning of LED 1	1	SELECTION	Meaning of LED 1	LED 1b - selecting the nr. of LED meaning in the LED selection list
led2		Meaning of LED 2	6	SELECTION	Meaning of LED 2	LED 1b - selecting the nr. of LED meaning in the LED selection list
led3		Meaning of LED 3	4	SELECTION	Meaning of LED 3	LED 1b - selecting the nr. of LED meaning in the LED selection list
led4		Meaning of LED 4	0	SELECTION	Meaning of LED 4	LED 1b - selecting the nr. of LED meaning in the LED selection list
led5		Meaning of LED 5	30	SELECTION	Meaning of LED 5	LED 1b - selecting the nr. of LED meaning in the LED selection list
led6		Meaning of LED 6	2	SELECTION	Meaning of LED 6	LED 1b - selecting the nr. of LED meaning in the LED selection list
meter.date_format		Date format for read out	YYMMDD (Read Only)	Date	IE date format for readout (YYMMDD)	Date format / syntax for read out (YYMMDD)
sm.version	STANDARD METER INTERFACE	Version number of config file	-	Text	Version number of config file	*Not used
dmset.am100.typekey		Type key of AM100 corresponding to the name plate	-	Text	Type key of AM100 corresponding to the name plate	*Not used
sm.lint		Meter interface lint values	-	-	WM-E2S meter interface settings*	* Not used
fw_serial_baud		Configuration Port Setting (Baudrate)	-	string	Configuration interface speed rate and operation mode	* Only for WM-E2S Values (Baud): 9600, 14400, 18200, 28800, 38400, 57600, 115200 * Available only for WM-E2S, TWS modems
sm.relay		Tariff Mode Selection	-	SELECTION	Tariff Mode Selection / Relay control for e-meter	Values: 0=None, 10=H, 20=H, 30=H, 40=H, 50=H, 60=H * Only for WM-E2S & B-relay version
sm.mts_mode		Multi utility mode (DLMS active)	1	SELECTION	Multi utility mode (DLMS active) - Activates the E-meter LED	Activates the E-meter LED Values: 1=transparent mode, 2= multi utility mode * Transparent mode implemented only
tm.tls_enable		Transparent mode TLS enable	1	Checkbox to enable/disable	Enable TLS encrypted communication	En-TLS disabled & TLS enabled
tm.modselect	TRANSP / NTA	Data format for meters	0	SELECTION	Data format for meters	0=IE, 1=IE&L, 2=IE&L, 3=IE&L, 4=IE&L, 5=IE&L, 6=IE&L
tm.cert		Transparent mode certificate bank select	0	Number	Transparent mode certificate bank selection	1=Yes, 0=No
tm.use_crl		Transparent mode CRL usage	0	Checkbox to enable/disable	Transparent mode CRL (Certificate Revolve List) usage	1=Yes, 0=No
tm.ca_cert		Transparent CA certificate bank select	0	Number	Transparent CA certificate bank selection	1=Yes, 0=No
tm.baud		Meter port baud rate (for transparent mode and meter readout)	9600	SELECTION	E-meter serial port speed (during readout)	Values (in bps) can be: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 56100, 115200 Recommended: 9600 (bps)
tm.verify		Transparent mode certificate verification	0	SELECTION	Transparent mode certificate verification	0=None, 1=Optional, 2=Mandatory
tm2.port	SECONDARY TRANSPARENT	Secondary transparent port	9002	Port number	Secondary transparent socket port	Secondary transparent port number
tm2.baud		Secondary transparent baudrate	2418	SELECTION	Secondary transparent baudrate	Values (in bps) can be SELECTED: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 56100, 115200 on WM-E 4 Term. The value MUST NOT modified directly in the configuration file! * Only used by WM-E2S MBUS Modems
dcd.mode	RS485	DCD mode	3	SELECTION	to configure DCD control mode	Available DCD modes 0=Fix 0, 1=Fix 1, 2=Standard, 3=Inverted
rs485.mode		RS485 mode	0	SELECTION	RS485 wiring type	0=RS232 only, 2=2-wire RS485, 4=4-wire RS485
dm.tls_enable		Device Manager TLS enable	0	Checkbox to enable/disable	Device Manager TLS enable	1=Yes, 0=No
dm.server		Device Manager server IP address	-	IP address	Device Manager server IP address	Remote Device Manager server IP
dm.port		Device Manager server port	0	Port number	Device Manager server port	Device Manager server port number
dm.push_enable		Device Manager push enable	0	Checkbox to enable/disable	Device Manager CHL (Certification Revolve List) usage	1=Yes, 0=No
dm.push_interval		Device Manager push interval [sec]	120	number	Device Manager push interval	DIM data "push" cycle / interval value in seconds
dm.cert		Device Manager certificate bank	0	Number	Device Manager certificate bank selection	1=Yes, 0=No
dm.use_crl		Device Manager CHL usage	0	Checkbox to enable/disable	Device Manager CHL (Certification Revolve List) usage	1=Yes, 0=No
dm.verify		Device Manager certification verification	0	SELECTION	Transparent mode certificate verification	0=None, 1=Optional, 2=Mandatory
dm.ca_cert		Device Manager CA certificate bank	0	Number	Device Manager CA certificate bank selection	1=Yes, 0=No