

sms.g@te (SMS Message Center)  
Release Notes  
Version 4.1.0  
! Windows only !

## Changes from Version V3.8.0

**Important installation notice: please read the installation procedure carefully before doing an upgrade of the current version!**

### Bug fixes:

- FE SMPP: misc. problems ( ENQ\_link vs deliver\_sm race condition etc. )
- FE UCP: limit ASCII 'from' in UCP messages to 11 char
- FE UCP: allow VP of any interval as long as not being zero or negative
- BE UCP: allow VP of any interval as long as not being zero or negative

### Functional enhancements:

#### General:

- Support Windows 2003 Server 64bit Intel/AMD
- Support Microsoft Cluster ( beta, ask Solutions E.T.C. GmbH for details )
- Add User Parameter to inhibit change of queue model after a restart with new configurations
- Add User Parameter to inhibit automatic startup of frontends and/or backends at startup of the service.
- Add User Parameter set to Queue Thresholds - these can be used to monitor the system and raise alarm conditions
- Allow VP granularity in minutes rather than hours with User Parameter
- Allow alternative usage of MNP routing as prefix routing
- Add command to dynamically create queues of frontends which are already configured and then switched from no receive to receive OK

#### Frontends:

- FE CASC: add optional keep-alive mechanism ( send/receive dummy queue elements )
- FE HTTP: add a '202 accepted' if the message length exceed 160 bytes, the message will display how many SMS are sent
- FE HTTP: add User Parameter to force a conversion of a number beginning with a plus sign to '00'
- FE HTTP: add User Parameter to allow the logging of notifications rather than delivering them
- FE HTTP: add wappush construct to submit WAP Push SMS
- FE SMPP: add support for SMPP V3.4 (no DATA\_SM)
- FE SMPP: add support for receive and transmit windowing
- FE SMPP: add user parameter to allow messages to be finally discarded and not being recovered for certain user definable errors

- FE SMTP: raise mail buffer from 10 kbytes to 65 kbytes
- FE UCP: add User Parameter for quick restart, dropping the restart delay from 30 seconds to 1
- FE UCP: add user parameter to allow messages to be finally discarded and not being recovered for certain user definable errors
- FE XML: add User Parameter to force a conversion of a number beginning with a plus sign to '00'
- FE XML: add User Parameter to allow the logging of notifications rather than delivering them
- FE XML: add wappush construct to submit WAP Push SMS

### **Backends:**

- BE CASC: add optional keep-alive mechanism ( send/receive dummy queue elements )
- BE GSM: add User Parameter to discard SMSC check messages rather than delivering them
- BE SMPP: add support for SMPP V3.4 (no DATA\_SM)
- BE SMPP: add support for receive and transmit windowing
- BE SMPP: add User Parameter to allow messages to be finally discarded and not being recovered for certain user definable errors
- BE SMPP: allow longer restart delays (multiple of 30 seconds) with User Parameter
- BE TPG: add locking scheme for SSL library
- BE UCP ( IP / X.25 ): add User Parameter to allow messages to be finally discarded and not being recovered for certain user definable errors

### **Router:**

- The Queue Element was changed to support among other things SMPP V3.4. This change is incompatible to the previous versions of SMS Message Center – see installation note.

### **SMSCP:**

- Add Commands: Show Alarm and Set GlobalSendLimit

### **Event Logging:**

- None

### **Message (file) Logging:**

- Add User Parameter to reverse the date display in the logfiles from DD/MM/YYYY to YYYY/MM/DD

### **Config program V7.1:**

- Add remote configuration ( beta, ask Solutions E.T.C. GmbH for details )
- Add User Parameter configuration
- Allow easy configuration of User Parameters using a list
- Add backend rules copy/merge for enhanced backend routing
- Cleanup some windows

### **Database I/F:**

- n/a

### **WEB I/F:**

- Fix IE display problem
- Allow login/out of users
- Modify WEB I/F to allow a comma separated list for START/STOP/RESUME and SUSPEND commands.

### **Discontinued functionality:**

- None

### **Functionality to be added in next release:**

- Support Linux RedHat and SuSE

### **Documentation addendum:**

None

## **Important Installation Note**

**This is a complete release with a new installation routine which lets you choose - among other things - the installation language. Note that only German and English are available so far.**

**The Queue Element change required to drop the support of accepting 3 messages ( 512 byte total ) in frontends socket, http and xml. In order to be backward compliant you may choose between 3 messages queue ( SMPP 3.3 support only ) and 2 messages queue ( SMPP 3.4 ): 3 messages is CTC18 ( Compile Time Configuration ) and 2 messages is CTC1.**

**If you choose CTC1 ( 2 messages ) your queues are automatically converted at first start of the new image. Note: this is not reversible !**

**If you have more than 1 system in a so-called 'cascade' please ask for advise on how to convert from 3 messages to 2 messages on all systems.**