SIEMENS

MC55i
Siemens Cellular Engine

Release Notes

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GENERAL NOTES – EXCLUSION OF LIABILITY

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Contents

MC55i Siemens Cellular Engines

1   Preamble

This Release Note describes the **MC55i Release 01.003.**

1.1 Related Documents

[1]   MC55i AT Command Set, v01.003
[2]   MC55i Hardware Interface Description, v01.003
[3]   Remote-SAT User's Guide, v01
[4]   Migration from MC55/MC56 to MC55i, v02
[5]   Multiplexer User's Guide, v08
[6]   Multiplex Driver Developer's Guide, v09
[7]   Multiplex Driver Installation Guide, v09
[8]   Application Note 02: Audio Interface Design, v01
[9]   Application Note 07: Rechargeable Lithium Batteries in GSM Applications, v03
[10]   Application Note 22: Using TTY / CTM equipment (MC55i), v01
[11]   Application Note 24: Application Developer's Guide, v07
[12]   Application Note 28: Customer SIM Lock for MC55i, v01
[13]   DSB45 Support Box - Evaluation Kit for Siemens Cellular Engines, v05
[14]   Application Note 23: Installing MC55i on DSB45, v01
[15]   Application Note 16: Upgrading MC55i Firmware, v01

To visit the Siemens Website you can use the following link:
http://www.siemens.com/wm

2 Known Issues

AT command / feature	Brief description
AT+CGEREP	If GPRS event reporting is enabled by AT+CGEREP and the network initiates a context deactivation, then the "+CGEV: NW DEACT" URC currently never contains <PDP_addr> and <cid>. If an application needs this information to maintain its GPRS context states, it should update its state information as soon as the "+CGEV: NW DEACT" URC is received by using the read commands AT+CGACT? or AT^SGACT?
AT^SCFG, "TCP/IRT" parameter <tcpIrt>	Initial Retransmission Timeout <tcpIrt> After changing the <tcpIrt> parameter the new value shall take effect the next time you start an Internet Service with AT^SISO. With MC55i 01.003, however, the new setting applies only to service profiles afterwards created with AT^SISS, existing service profiles continue to use the previous setting even after opening a new session with AT^SISO.
Defining dynamic DNS address with AT^SICS	As described in [1], dynamic DNS address assignment will be assumed by default when no specific DNS address is stated in a connection profile. MC55i 01.003 does not accept a DNS address explicitly entered in the format "0.0.0.0". So, if you wish to revert from fixed to dynamic DNS address settings do not overwrite the existing connection profile but create a new one without the values "dns1" or "dns2".
URC for AT^SISR, URC for AT^SISW	During repeated calls of AT^SISR or AT^SISW it is possible that the corresponding URC for the last read or write request is received before the AT command response. This could lead to misinterpretation. To avoid the problem an application should always wait for the appropriate "^SISR:x,1" URC or "^SISW:x,1" URC indicating that data can be written. Alternatively it is possible to switch to polling mode, thereby deactivating URCs for all TCP/IP AT commands (AT^SCFG; parameter "Tcp/WithURCs").
Read URC for AT^SISR	As a rule the read "^SISR: x,1" URC is issued, if less data was confirmed than requested during the last "Read Data" operation with AT^SISR and new data is available. However, after requesting and receiving data over an HTTP connection the read "^SISR: x,1" URC is always issued, regardless of the amount of data confirmed.

AT command / feature	Brief description
Indication of "NO CARRIER" result code after releasing CSD bearer for Internet service	When a CSD call, associated to the Internet Services, is released, either by the local peer with AT^SISC or from the network side (in particular after loss of net coverage), a running write or read operation (AT^SISW or AT^SISR) will be properly completed on AT command level. However, the AT command line becomes idle and the "NO CARRIER" string will be printed out, causing any other running AT command to be aborted without prior warning and without any further response related to this AT command. The problem occurs in particular, when the inactivity timeout <inactTO> of the CSD bearer expires and, at the same time, another AT command is executed (e.g. reading the phonebook). Workaround: As the user may not be aware that the CSD connection was released the host application should be designed to parse for the "NO CARRIER" result code and react accordingly, for example by repeating the aborted AT command.