



## Product Change Notification

**Product Change Notification #:** 120406-00

**Notification Date:** December 4, 2006

**Products:** SocketEthernet IP® Serial-to-Ethernet Device Servers

MTXCSEM.R2, MTXCSEM.R2-SP

MTXCSEM-L.R2, MTXCSEM-L.R2-SP

MTXCSEM-L-HV.R2, MTXCSEM-L-HV.R2-SP

**Type of Change:** New firmware release.

**Description of Change:** This is a maintenance release of firmware that corrects several reported issues and includes some minor feature enhancements.

**Production Cut Over Date:** February 1, 2007 (Samples now available)

### Release Notes

**Old Version:** 3.06

**New Version:** 3.10

### Changes/Enhancements

- Changed default SNTP server to time.nist.gov
- In web IP setup page, change to allow netmask configuration
- Allow setting default gateway to 0.0.0.0
- Added new command to support TCP connect timeout. This is to terminate the TCP session in case of TCP SYN failure.  
new command : set ip tcp-timeout <1-180 secs>  
default = 180 seconds
- Added character set support for SMTP client to support Japanese e-mail and other character sets.  
New command added : set send-mail charset <charset-string>  
Modified send-command  
sendmail [-b] [-t "<to-addr1>, <to-addr2>"] [-c "cc-addr1>, <cc-addr2>"] [-s "<subject>"] [-d <msg-body>"] [-e <charset>"]

### Fixes

- Fixed problem when uploading customer's custom HTTP pages.
- Fixed SNTP client in obtaining date and time and calculate offset from SNTP server.
- Fixed firmware upgrade through TFTP when many of the applications are enabled.
- Fixed SMTP client while sending the recipient mail-id, it needs e-mail address enclosed within angular braces e.g. <mail-id>.
- Fixed send-mail command when all options are entered on the same command line.
- Fixed TCP raw socket lockup problem when data is sent on a socket handler which is already closed by the other end of the TCP connection.
- Fixed Telnet command timeout problem when the Ethernet cable is not connected.
- Fixed Telnet command so it does not return to login prompt after an error or session is closed.
- Fixed Raw TCP socket bind error after the save command.
- Fixed problem in closing the RAW TCP Listen sockets when multiple sockets are setup to listen.

- Fixed problem when displaying socket UDP statistics.
- Fixed problem in DNS resolution of hostname for socket TCP command where the first DNS response to the DNS query is interpreted as an invalid response.
- Fixed problem in Raw sockets UDP send when hostname is specified.
- Fixed problem in displaying custom HTML pages when HTML tags with % is given.
- Fixed SMTP client when all the options in send-mail are entered.
- Fixed returning of error messages in raw socket commands where more than the required number of parameters are entered for “socket tcp”, “socket tcplisten”, “socket udp”, “socket close”, “socket flush” and “socket recv”.
- Fixed problem in UDP Raw socket when a UDP server socket is opened on module and data is sent on that socket before a UDP client connects to it.

**Ordering Information:**

<b>Old Ordering Part Number</b>	<b>New Ordering Part Number</b>	<b>Description</b>
MTXCSEM.R2	MTXCSEM.R3	Serial-to-Ethernet Device Server, 5V 50 PK
MTXCSEM.R2-SP	MTXCSEM.R3-SP	Serial-to-Ethernet Device Server, 5V Single PK
MTXCSEM-L.R2	MTXCSEM-L.R3	Serial-to-Ethernet Device Server, 3.3V 50 PK
MTXCSEM-L.R2-SP	MTXCSEM-L.R3-SP	Serial-to-Ethernet Device Server, 3.3V Single PK
MTXCSEM-L-HV.R2	MTXCSEM-L-HV.R3	Serial-to-Ethernet Device Server, 3.3V 50 PK Medical (EN 60601)
MTXCSEM-L-HV.R2-SP	MTXCSEM-L-HV.R3-SP	Serial-to-Ethernet Device Server, 3.3V Single PK Medical (EN 60601)

Please direct any questions regarding this PCN to our OEM Sales Department.

Phone: (800) 328-9717 or (763) 785-3500

E-mail: [oesales@multitech.com](mailto:oesales@multitech.com)

**Your contact: [www.codico.com](http://www.codico.com) mailto: [office@codico.com](mailto:office@codico.com) phone: +43/1/86305-0 fax: +43/1/86305-98**