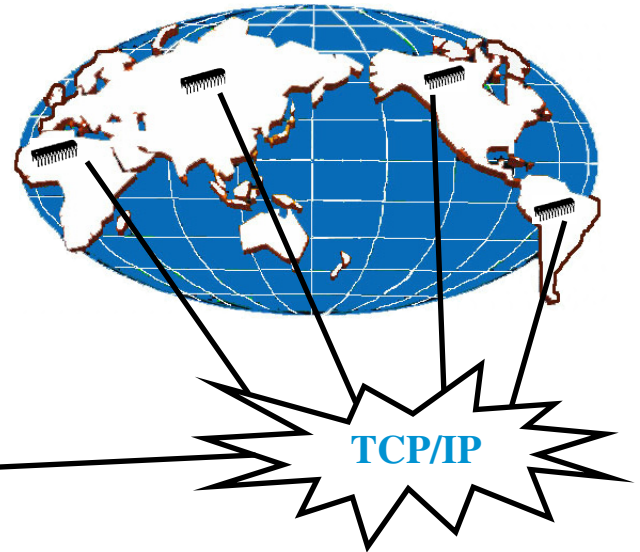
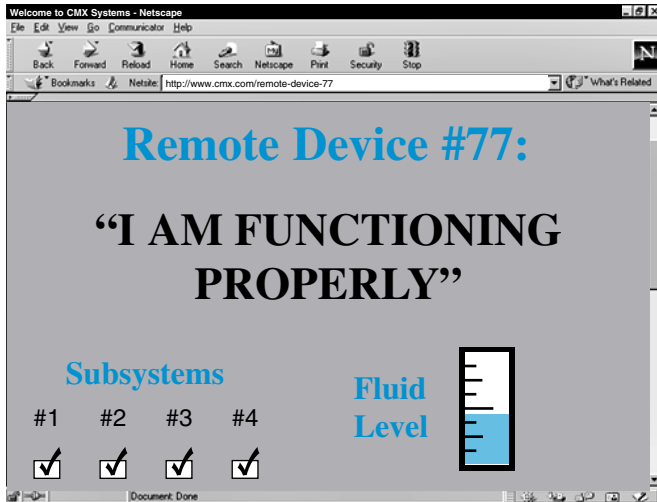




CMX-MicroNet™ for dsPIC™

True TCP/IP Networking for the Microchip dsPIC!



Finally, the *Right* Connectivity Solution for Your Microchip dsPIC Processors (All Derivatives)

CMX-MicroNet has been developed by the company that is famous for providing complete, elegant solutions to the embedded community - CMX! Our developers have the expertise and hands-on experience to satisfy the most stringent real time demands that the 8-/16-bit community deals with every day. When we set about the task of creating the first true TCP/IP stack for these popular processors, we knew that it had to have:

Only Industry Standard Protocols. Of what benefit are closed, proprietary protocols that constrain and confuse your development team? CMX-MicroNet offers only industry standard protocols running right on your target processor and we provide full source code with every sale!

Use your Current Processor. Why should you have to upgrade your current processor, or, worst yet, add another processor just for TCP/IP? Those hardware costs can really add up! CMX-MicroNet allows you to work with your current design and still implement the networking connectivity you need.

An Affordable Pricing Structure. CMX-MicroNet offers a low, one-time fee and no royalties on deployed products. And you get the entire source code for free with every purchase!

Supported Protocols

- TCP
- PPP
- UDP
- SLIP
- IP
- HTTP Web Server
- DHCP
- FTP
- TFTP
- SMTP

Connectivity

- Ethernet
- Wireless Ethernet
- Dial Up
- Direct

Coming Soon!

- POP3

Much more...Let us Know What You Need

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CMX-MicroNet Specifications for Microchip dsPIC

FLASH usage

UDP/IP + core	4470 bytes
TCP/IP + core	7827 bytes
UDP/TCP/IP + core	8685 bytes
PPP	6681 bytes
Modem	447 bytes
HTTP server	3888 bytes
Virtual file	885 bytes
Ethernet	2652 bytes
DHCP Client	2202 bytes
FTP Server	3657 bytes
TFTP Client	723 bytes
BOOTP	684 bytes
SMTP	1918 bytes
Utility	1314 bytes

RAM (not including buffer sizes)

UDP/SLIP	56 bytes
TCP/HTTP/PPP	304 bytes
Ethernet	38 bytes

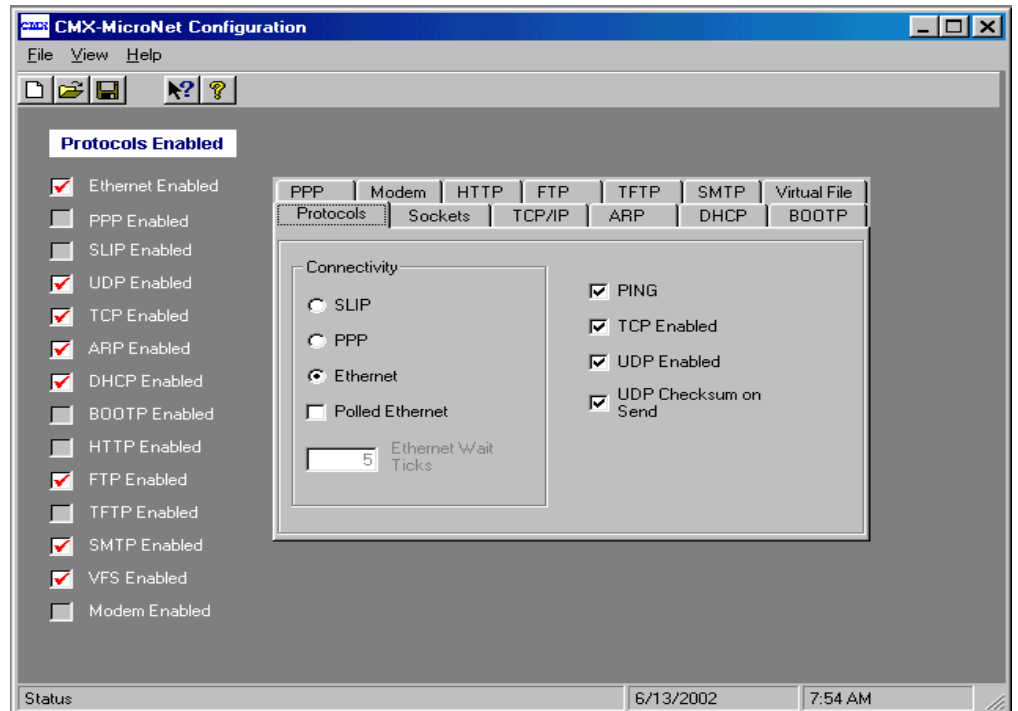
Do I Need an RTOS?

CMX-MicroNet has been specifically designed to run with or without an RTOS. If you choose to use CMX-MicroNet without an RTOS, as many customers do, it will run well in Polled Mode.

Of course, CMX-MicroNet has been tightly integrated with the CMX-RTX, CMX-Tiny+, and CMX-Scheduler RTOSes, should your networking application require the services of an operating system. But CMX-MicroNet also has an RTOS porting layer in the code in case you wish to use a different RTOS than one provided by CMX.

CMX believes that our users need this unusual development flexibility to ensure that they are developing the best networked products for their markets.

CMX-Micronet Configuration Manager



*CMX-MicroNet is easy to configure and integrate with your application.
Get your embedded processor networked FAST with CMX-MicroNet.*

Important Features of CMX-MicroNet

- **Tested and Proven with Hundreds of Design Wins Around the World**
- **Extremely Small FLASH/RAM Requirements**
- **Supports Virtually All 8-, 16-, 32-bit Processors and DSPs**
- **Software Solution does not Require Additional Processor**
- **Web Pages May Contain CGI calls**
- **FTP Files, Including New Firmware**
- **Send Emails**
- **Can Serve up Java Applets**
- **No Proprietary Protocols**
- **Runs Stand Alone or with any RTOS**
- **Economical One Time Fee**
- **Full Source Code Provided**
- **No Royalties on Shipped Products**
- **Excellent Documentation and Support**