

Embedded TCP/IP on small micros with SMTP & 802.11

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Micronet – the TCP/IP stack from COMSOL whose low memory overhead makes it ideal for use with 8–32 bit embedded micros has recently been enhanced. New Protocols are available to support SNMP (Simple Network Management Protocol) and Wireless Ethernet 802.11b.

The new SNMP option is memory-efficient (8Kbytes for 8051) and provides SNMP v1 or SNMP v2 to connect to managed networks.

The Wireless Ethernet option supports the IEEE 80.11b protocol, allowing the TCP/IP stack to be integrated into Wi-Fi systems operating at 2.4 GHz with data rates of up to 11Mbit/s. The initial release supports the Intersil Prism 2.5 wireless MAC.

As well as adding the 68HCS12, MSP430 and dsPIC to the long list of 8– and 16–bit chips that can run MicroNet, a version is now available to support the increasing number of single–chip ARM CPUs.

If you would like more details of any of these products

E–mail: sales@computer-solutions.co.uk

or visit our Web site:

<http://www.computer-solutions.co.uk/chipdev/micronet.htm>

For an introduction to TCP/IP for those interested in using it in embedded applications go to

<http://www.computer-solutions.co.uk/download/index.htm>

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