

### About EBSnet

Since 1987 EBSnet has provided TCP-IP networking and portable file system software to the embedded industry. EBSnet offers a full suite of stand-alone, platform independent TCP-IP application protocols including CIFS/SMB, network software for UPnP™ certified devices, and a web browser. The EBS ERTFS Pro portable file system offers FAT file management, FailSafe Journaling and USB support. All products are provided royalty free and come with the highest quality source code and extensive documentation.

Quality technical support is provided by the experienced engineers who developed the code.

Complete product offerings and spec sheets are available on line at [www.ebsnetinc.com](http://www.ebsnetinc.com).

### TCP-IPv4/IPv6 NETWORK STACKS

#### IPv4 Network Stack

RTIP, EBSnet's TCP/UDP-IP network stack, is designed specifically for embedded systems to provide a socket interface to the TCP and UDP protocols and enable simultaneous communications over multiple interfaces. EBSnet's network stack has had thousands of design wins worldwide since 1994. RTIP is sophisticated enough to handle Wide Area Networking applications but is still compact and economical enough to be used in simple LAN applications. Regardless of the size of the embedded device, RTIP's low cost, clean implementation and high functionality have made it the networking solution for embedded device developers.

#### IPv4/IPv6 Dual Network Stack

The IPv4/IPv6 networking stack provides support for most 16-32 bit processors and can be ported to any CPU or RTOS using the easy to use porting layer. Drop-in solutions are available for several of the most popular operating systems and microprocessors including PowerPC, PowerQUICC II, MPC5200, Coldfire, ARM, XScale, Mitsubishi, SH8 and MIPS.

#### INCLUDED WITH THE RTIP SOURCE CODE

No-Copy TCP	BOOTP	Router Discovery	Multicasting
No-Copy UCP	IGMP V2	Berkely Sockets API	Multihoming
ARP	DNS	SLIP/CSLIP	File System Inter-
ICMP	PING	Ethernet and UART	face/Memory
RARP	Path MTU	drivers	File System

#### OPTIONAL APPLICATION PROTOCOLS

Router/NAT/RIP	NFS	SMTP	SNMP V1, V2, V3
DHCP	PPP	POP3	Web Server
Auto-IP	PPPoE	IMAP	Web Browser
FTP	SNTP	SSL	802.11b Wireless
TFTP	CIFS/SMB	IPSec	UPnP™
Telnet			

UPnP™ is a certification mark of the UPnP™ Implementers Corporation (UIC)