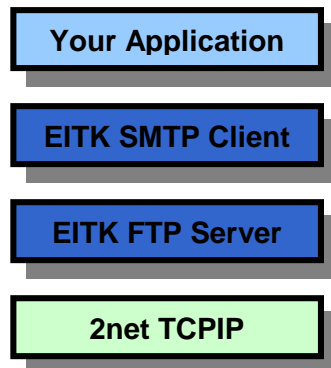# 2net Embedded Internet Toolkit For DOS

The Embedded Internet Toolkit (EITK) is a collection of applications for Internet enabling DOS-based embedded and hand-held systems. Each application can be run from the command line as a normal DOS application or in the background as a TSR. Applications running in background mode offer an API so they can be controlled from a normal DOS application. This means that you can add the services you need just by loading the appropriate TSRs. All applications in the EITK are designed to interface with the 2net TCP/IP protocol driver.

For example, suppose you want to add an FTP server to download data logs and SMTP to send emails when certain thresholds are exceeded. You would load the following modules:

2net TCPIP provides the basic TCP/IP services for the whole system, including your application, through an industry standard BSD sockets API. The FTP Server allows authorised users to log in and transfer files while your application sits at the top of the tree monitoring equipment and calling the SMTP Client whenever an email alert needs to be sent.

The 2net EITK makes it as easy as it ever will be to add Internet capability to existing or new systems.

Internet Applications

Here are brief details of the applications that make up the EITK.

Web Server
The 2net Embedded Control Server allows you to control and manage devices via a web based user interface using a combination of CGI functions and Control Variables. There are a standard set of Java applets to display Control Variables on the web page and which are updated in real time.

FTP Server
Provides file access to authorised users transparently to the other components in the system.

FTP Client
Exchange files with remote FTP servers from the command line or under program control.

SMTP Client
Send messages to predefined mailboxes to alert people of critical events. Messages may include binary attachments to provide extra information such as an image from a web cam or a log of the most recent data.

POP3 Client
Download email messages and attachments from a POP3 mailbox.

HTTP Client
Send information to a CGI process running on a web server and download updates and configuration information from a remote web server.

LPR Client
Keep a hard copy of activity by printing to a network printer.

System Developer's Kit

The SDK provides all the information you need to create your own Internet enabled applications. It contains:

- 'C' header and library files compatible with Microsoft and Borland 16 bit 'C' compilers
- Sample code
- Online documentation in Adobe Acrobat format (Abobe Acrobat reader included)

Licensing

The 2net Embedded Internet Toolkit and SDK are available under license to OEMs. Contact 2net for a quotation.

About 2net

2net is a leading developer of software for the fast growing "embedded Internet" market. 2net products are in use in a wide variety of applications providing control, monitoring and diagnostic facilities using standard Internet protocols

2net can be contacted as follows:

Electronic mail
General Information: info@2net.co.uk
Sales: sales@2net.co.uk

Web
http://www.2net.co.uk

Telephone
+44 (0)1264 393818

FAX
+44 (0)845 3342 534

Head Office
Unit 9 Taskers Drive
Andover
Hampshire SP11 7SA
United Kingdom

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