

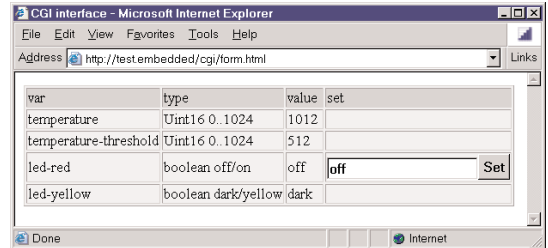
HIGHLIGHTS

- Single buffer, zero copy
- Procedural interface
- Low memory requirements
- Easy configuration through source configuration tool
- Direct access to variables
- CGI support
- No RTOS required

CONNECT YOUR DEVICE TO THE INTERNET

Key to obtaining the right information to make the right decision at the right time is the ability to control the device or gather information from the device. Your devices need to be remotely managed - commanded, diagnosed, or upgraded - over the Internet or other networks. The TASKING TCP/IP suite enables you to add these networking features to your products.

TASKING networking protocols are specifically designed for embedded systems; they are fast, compact, efficient and reliable. The communication protocols are easy to use and can be incorporated into your embedded software smoothly, so you can concentrate on your core competence and build designs that meet your needs. The TASKING TCP/IP suite is ideal for embedded systems designers.



Direct access to the variables of your application

The software consists of the following modules:

- IP / UDP / TCP protocols
- Supported media: RS232, modem (both dial-in and dial-out), Ethernet
- SLIP, PPP (LCP, PAP, IPCP, HDLC)
- Servers: HTTP, FTP, TELNET, minimalistic DNS, minimalistic ICMP
- Clients: SMTP, DHCP, ARP, DNS
- Virtual file system in ROM or live file system (similar to FAT16)

Supported platforms

Infineon C166

Infineon TriCore

Renesas M16C

8051 (all vendors and as FPGA IP Core)

MS-Windows NT

Serial: internal UART

Ethernet: SMSC LAN91C96

Serial: internal UART

Ethernet: internal TC1130 Ethernet controller

Serial: internal UART

Serial: internal UART

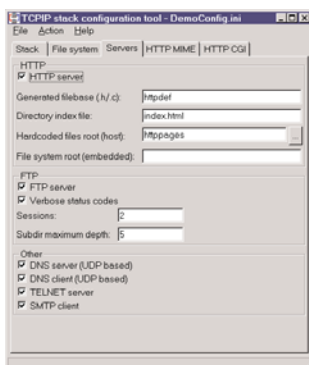
Serial: standard drivers

Independent development platform only

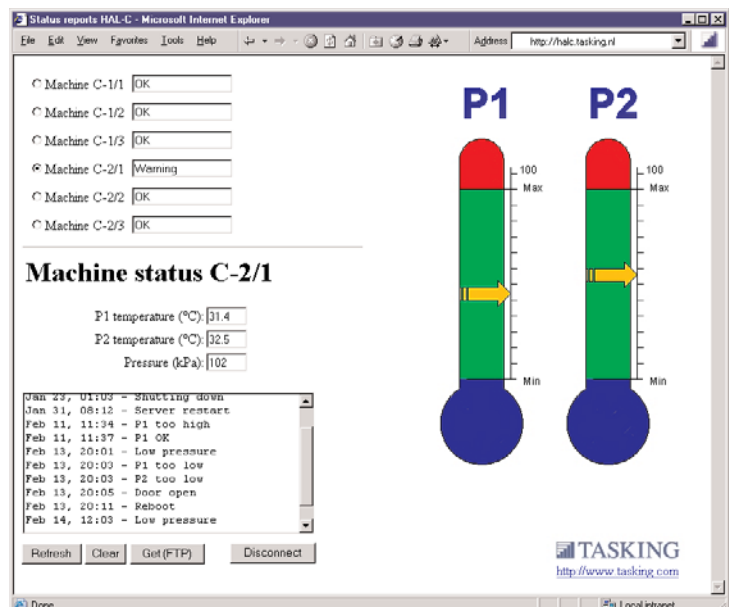
Contact us for other platforms

Typical application examples

- Remote control and diagnosis systems ("Is my system running correctly?")
- Status reporting (sales tracking, ...)
- System configuration in office environment



A versatile source configuration tool makes life easier



Remote control and system maintenance made easy

TASKING - Embedded software development from Altium

TASKING products are world-leading tools for state-of-the-art embedded software development, bringing together the advanced software design technology needed to compete in the embedded applications era.

The TASKING product toolsets combine our award-winning integrated development environment with compilers, debuggers, embedded internet and RTOS offerings to support a wide range of DSPs and 8-, 16- and 32-bit microprocessors and microcontrollers for all areas of embedded development. With over 100,000 licensed users of TASKING products, including the world's leading telecom, datacom, automotive and computer peripheral manufacturers, the range of TASKING products has a long history of technological leadership and innovation.

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