

Treck PPP

product information

Product Overview

Treck PPP incorporates the protocols that you need to get your device connected to the Internet via modem or other serial link. It is designed for use with Treck TCP/IP.

Included protocols:

LCP
IPCP
PAP
CHAP

Runtime configuration

All of these PPP options can be set at runtime for either side of the connection.

- Address/control field compression.
- Protocol field compression.
- Magic number.
- Maximum receive unit.
- Asynchronous control character map.
- Authentication protocol.
- Maximum LCP Terminate requests.
- Maximum LCP Configure requests.
- LCP retransmission timeout.
- IPCP compression protocol.
- VanJacobson slots.
- IP address.
- Maximum IPCP configure requests.
- IPCP retransmission timeout.

PAP Support

- Both client and server support.
- Username option for PAP client.
- Password option for PAP client.
- Call back function support for PAP server to determine if username/password are correct.

CHAP Support

- Both client and server support
- Username option for CHAP client
- Secret option for CHAP client.
- Option for maximum number of CHAP challenges to send
- Option for CHAP challenge timeout length in seconds.
- Call back function support for CHAP server to return the corresponding secret for a username back to the stack

Requirements

- Any ANSI compliant "C" compiler.
- Any CISC/RISC processor.
- A serial device.
- Treck TCP/IP

Other features

- Fully tested and qualified against various PPP stacks. Test systems include UNIX and Windows NT.
- All options are settable at runtime.
- Simultaneous/Multiple PPP clients & servers supported.
- RFC compliant.
- Easy to integrate to your hardware using our standard driver interface.
- High performance VJ compression.
- Magic number support.
- Both client and server side IP address assignment.
- No porting required.
- Fully ANSI "C" compliant.
- Warning free Build (even with lint checking).
- Supports LQM

For more information,
please visit www.treck.com



Mobile



Network

Treck Inc.