

Treck NAT

product information

Product Overview

Network Address Translation (NAT) allows an entire local network to share a single or several IP addresses. NAT alleviates the problems caused by a shortage of public IP addresses, and it is beneficial for devices that have a limited number of IP addresses due to cost restrictions.

Designed for use with Treck TCP/IP, this product provides the same high quality and performance that embedded systems designers have come to expect from Treck.

Included Protocols

- NAT
- NAPT (IP Masquerading)

Configuration Options

- Maximum translation table entries

Features

- Fully documented
- ANSI C Source code
- Example implementation included
- Specifically designed for embedded systems
- Dynamic Port Translation

NAT

- IP address translation
- Static and dynamic IP address allocation
- Ping and traceroute in both directions
- Ability to configure inside UDP or TCP servers that can be accessed from the outside

NAPT

- TCP and UDP port masquerading
- FTP access across NAT gateway (PORT and PASV translation)
- Tiered session time-outs
- Inner network server management
- Ping and Traceroute outbound
- PPP and Ethernet reference implementation

RFC Support

RFC1631
RFC1918
RFC2663

For more information,
please visit www.treck.com



Mobile



Network

Treck Inc.