CHASE IOLAN+

COMMUNICATION SERVERS

Product Profile
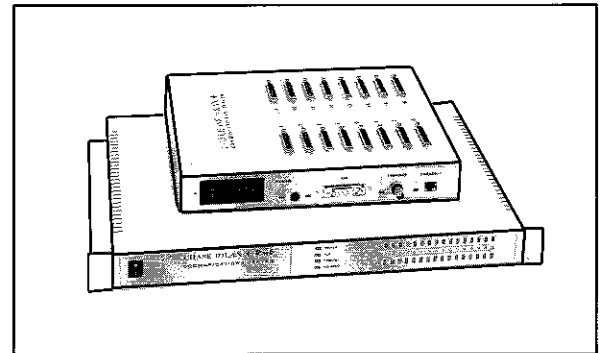
Key Features & Benefits

- **Dial-in support for UNIX and Microsoft® networks for** seamless remote access

- **Industry standard protocols include PPP, SLIP & CSLIP** for interoperability

- **Support for modems, terminals, printers and other serial devices** provide flexible connectivity solutions

- **8 or 16 surge protected serial ports with a maximum speed of 115.2 kbps** give unrivalled reliability

- **Desktop or rack-mount options** offer flexibility to suit specific needs

- **Free firmware upgrades via FLASH and Lifetime Warranty** ensures a future proof investment with peace of mind

Product Application

IOLAN+ & IOLAN+Rack

Product Overview

IOLAN+ is a highly competent TCP/IP communication server. It is equally at home in remote access and terminal server applications and can be used wherever serial devices need to be connected to a LAN.

The unit is available in 8 and 16 port desktop or rack-mount models. Each serial port is capable of continuous bi-directional speeds of 115.2 kbps.

Advanced communication server functionality caters for the most demanding network environments. Included is PPP dial-in support for UNIX and Microsoft® networks, WINS support, user authentication and accounting, dial-out pooling for UNIX, automatic modem reset and IP routing.
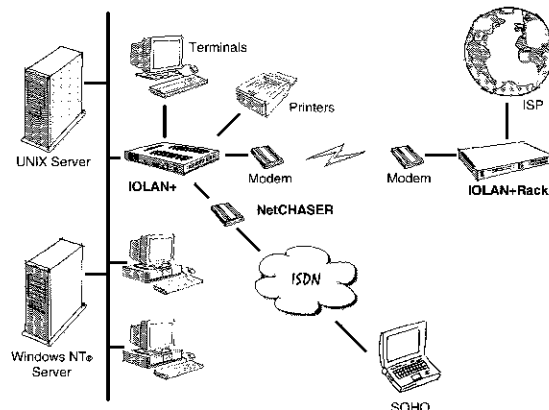
Dial-out modem pooling for Windows NT® can be achieved with low-cost third party packages.

Terminal server functionality includes Telnet, rlogin and up to four concurrent sessions per device and RCP.

IOLAN+ comes with a comprehensive, easy to use Administration Guide and, for the experienced user, a Quick Start guide.

Peace of mind comes from the Chase Lifetime Warranty, multi-strike surge protection on all ports and free firmware upgrades via FLASH memory.

CHASE RESEARCH
CONNECTING THE WORLD

Applications

- **Remote access to a corporate LAN for home and mobile workers**
- **Providing Internet service**
- **Clustering terminals and printers onto a LAN**
- **Dial-out pooling for modems**
- **Warehousing and Point of Sale (POS)**
- **Data collection and scientific**
- **Out-of-Band Management**

Remote Access

IOLAN+ provides seamless remote LAN access for Microsoft® and UNIX dial-in users.

Microsoft® file and print sharing are supported via a WINS server allowing transparent network browsing.

User authentication restricts users to specific services or hosts and provides IP address assignment.

Accounting support provides accurate billing when and where required.

Management

IOLAN+ can be managed either on a local console using SNMP or via Telnet from anywhere on the network.

SNMP support includes MIB II, Character MIB, Sessions MIB and Chase specific enterprise variables.

A comprehensive statistics monitoring system is provided, including network activity by protocol, port connect times and traffic throughput and volumes.

Printing

Microsoft® and UNIX printing are supported. Printers can be configured as local (fixed) TTY's on a UNIX host with utilities supplied by Chase.

Alternatively RCP and LPD protocols can be used enabling IOLAN+ to act as a remote print queue for UNIX and Windows NT® hosts.

In addition, printer hunt groups are supported.

Quick Installation

SCO World magazine described IOLAN+ set-up as 'a breeze'. Since then, Chase has made further improvements including a Quick Start Guide designed for UNIX and Windows NT® networks.
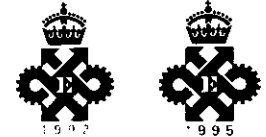
Security

The world class security and administration features of the IOLAN+ are provided on three levels: Dial-in User Authentication, User Services and Logging.

All three can be accomplished without setting up a RADIUS server. Users are able to verify valid users, limit user access and, for accounting purposes, log all users who dial-in.

Technical Specification

Models:	- IOLAN+ 8 or 16 port desk mount with DB-25 connectors - IOLAN+Rack 8 or 16 port rack mount with RJ-45 connectors
Serial ports:	- RS-232: 50 bps-115.2 kbp DTE, TXD, RXD, DTR, DSR, DCD, CTS, RTS, SG - RS-422: 50 bps-115.2 kbps, DTE (IOLAN+ Rack only) RDX+, RXD-, TXD+, TXD-, SG
LAN port:	- Ethernet 802.3 and DIX, 10 Mbps UTP, BNC and AUI connectors (autosense)
High level protocols:	- Telnet, rlogin, PAP, DHCP, RCP, LPD, SNMP, MIB II, Character MIB, Sessions MIB, BOOTP, FTP (for Windows NT® authentication)
Transport protocols:	- UDP, TCP
Network protocols:	- IP, ICMP, ARP, RARP, PPP, SLIP, CSLIP
Language support:	- English, French, German, Italian, Spanish
Power supply:	- 50/60 Hz 90-250 VAC (optional 48 VDC for IOLAN+Rack only)