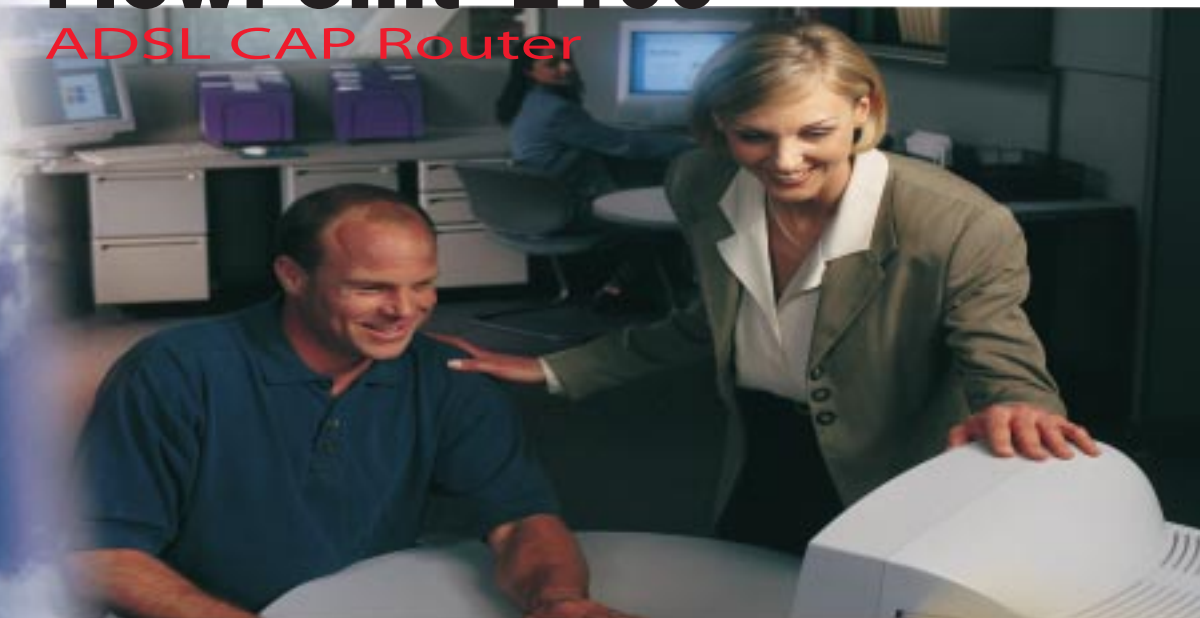


FlowPoint™ 2100

ADSL CAP Router



Your office will fly on the Internet with the FlowPoint™ 2100 ADSL CAP Router. The FlowPoint 2100 is ideal for telecommuting, plus office and remote office use. It's perfect for high-speed Internet and Intranet applications such as Web-based research, video conferencing, network-gaming, and large Email attachments. It's fully compatible with external POTS splitters that separate voice and data traffic.

Setting up the FlowPoint 2100 is fast and easy with its Windows®-based Quick Start program. The FlowPoint router assigns network addresses to LAN-attached workstations without user intervention using the built-in Dynamic Host Configuration Protocol (DHCP) server. The IP address assignment is automatically handled through PPP or DHCP requests over the DSL link. The FlowPoint 2100 uses a fast 25 Mhz Motorola® MPC860 processor and has plenty of memory to support the FlowPoint™ Secure VPN and Firewall option. The Router activates at speeds of up to 6200 Kbps downstream and 1088 Kbps upstream depending on the distance from the Central Office equipment. Get your office flying on the Internet today with the FlowPoint 2100.

KEY FEATURES:

- Asymmetrical data transfer rates of up to 6200 Kbps downstream and 1088 Kbps upstream
- Windows®-based GUI for easy installation and setup
- Bridging, IP/IPX routing, and MAC Encapsulated Routing (MER) to support a wide range of applications
- Built-in Carrierless Amplitude and Phase Modulation (CAP) modem for high-speed Internet access
- Supports Cabletron™, Nokia™, and Promatroy™ Central Office equipment
- DHCP automatically assigns and manages LAN IP addresses
- FlowPoint™ Network Address Translation (NAT) allows multiple devices on your network to share a single WAN IP address or allows mapping of existing LAN IP addresses to a range of WAN IP addresses
- FlowPoint™ Secure VPN and Firewall option protects your data transfer across the Internet and prevents unwanted visitors from accessing your LAN
- Multi-user sharing via Ethernet LAN
- Worldwide customer support



www.flowpoint.com

FlowPoint™
Cabletron Systems

FlowPoint™ 2100



SOFTWARE

Routing

- TCP/IP with RIP1 (RFC 1058), RIP1-compatible and RIP2 (RFC 1389) or static routing on the LAN and/or WAN
- Novell® IPX with RIP/SAP (RFC 1552)
- DHCP server – Automatic assignment of IP address, mask, default gateway, and DNS servers addresses to workstations (RFC 2131, RFC 2132)
- DHCP relay agent (RFC 1542)
- DNS relay
- DHCP client (RFC 2132)

Bridging

- Transparent Bridging (IEEE 802.1D) including Spanning Tree Protocol (802.1D)
- Bridge filters

PPP (RFC 1661)

- Data compression of up to 4:1 (STAC™ LZS) (RFC 1974)
- Van Jacobson header compression (RFC 1144)
- Spoofing and filtering (IP-RIP, IPX-RIP, SAP, Watchdog, serialization)
- Automatic IP and DNS assignment (RFC 1877)

IP Address Translation

- Network renumbering (RFC 1631)
- Network Address Translation (NAT/PAT)
- LAN servers supported with FlowPoint™ NAT

Configuration Management

- Quick Start program for easy setup
- Microsoft® Windows configuration management via SNMP
- TFTP download/upload of new software, configuration files, and scripts
- Performance monitor
- Dynamic event and history logging
- Administration through SNMP, Telnet, or VT100 terminal
- Network boot uses the BootP server (RFC 2131, RFC 2132)
- Network ping

Analog Telephone Line Support

- Co-operates with external splitter

ATM

- Encapsulation (IP, Bridging, and Bridge Encapsulated Routing) (RFC 1483)
- PPP over ATM (LLC and VC multiplexing) (RFC 2364)
- Classical IP (RFC 1577)
- AAL5
- Up to 6 Virtual Circuits (VCs)
- Virtual Circuit (VC) traffic shaping (UBR, VBR, CBR)
- I.610 OAM F5 LoopBack

Security

- User authentication (PAP/CHAP) with PPP (RFC 1334, RFC 1994)
- Password control for Configuration Manager
- SNMP community name reassignment
- Telnet/SNMP port reassignment
- Telnet/SNMP access control list
- Optional FlowPoint™ Firewall
- Optional PPP link level DES encryption (RFC 1969)

VPN

- Optional FlowPoint™ Secure VPN software (L2TP/DES)

Protocol Interoperability Testing

- RFC 1483 (Bay Networks™, Cabletron™, Cisco™, Redback™)
- PPP over ATM (Cisco™, Escalate™, Redback™) (RFC 2364)
- Central Office equipment vendors include Cabletron™, Nokia™, and Promatry™

HARDWARE

WAN Interface

- One Asymmetrical Digital Subscriber Line (ADSL) interface (RJ-45)

LAN Interface

- One 10Base-T Ethernet port (twisted pair RJ-45)
- LAN speed of 10 Mbps

Serial Interface

- One RS232 asynchronous console port (RJ-45)

Modem Specifications

- Data rates of up to 6200 Kbps downstream and up to 1088 Kbps upstream
- Carrierless Amplitude and Phase Modulation (CAP)

Processor

- 25 Mhz Motorola® MPC860
- 1 MB Flash memory and 2 MB DRAM

Physical Specifications

- Dimensions: 8.4 W x 7.0 D x 1.7 H in (21.3 W x 17.8 D x 4.3 H cm)
- Weight: 1.5 lbs (.68 Kg)

Operating Environment

- Temperature: 40°F to 105°F (5°C to 40°C)
- Humidity: 20% to 80%, non-condensing

Power Requirements

- AC voltage: 100 to 120 VAC, 220 to 240 VAC
- Frequency: 50/60 Hz
- Power consumption: 10 W maximum
- Built-in power supply, On/Off switch

Agency Approvals

- CE mark
- Safety: UL 1950, CSA 22.2, EN60950
- Emissions: FCC Part 15 Class B, EN55022/CISPR22 Class B
- Immunity: EN50082-1
- Certifications: per relevant ADSL standards



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