

IP Networking Module

DELIVER BOTH VOICE AND DATA COMMUNICATIONS OVER PACKET-SWITCHED NETWORKS

Transparent digital PBX networking throughout your organization has never been easier or more cost-effective. The Eclipse IP Networking Module delivers the PBX networking capabilities of our award-winning Eclipse system over data networks instead of utilizing traditional, and more expensive, point-to-point T-1 lines.

Now you can bring nationwide—or worldwide—office locations closer together by utilizing Inter-Tel networking technology to deliver both voice and data communications over packet-switched networks. Individual Eclipse phone systems are transparently connected to operate as one so that employees have easier, faster access to all your organization's resources.

DELIVER MORE PROMPT, PROFESSIONAL SERVICE AND CUSTOMER SATISFACTION

To place, transfer or conference a call to any of your locations, you simply dial an extension and avoid long distance charges. With transparent PBX networking you can transfer customer calls, with their associated Caller I.D. information, between offices so they can be connected with the right person who has the information they need. You're able to deliver more prompt, professional service and customer satisfaction grows accordingly.

IN OTHER WORDS...

Working with our Eclipse PBX system, the Eclipse IP Networking Module enables transparent packet-switched networking (IP or frame relay). You'll save on long distance charges, reduce wide-area networking management costs and improve employee communication and productivity across multiple locations.



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BENEFITS

- Multiple phone systems in different locations function as a single system, transparent to the users and their callers.
- All calls and related call information run over your data network, reducing the total cost of ownership
- Your employees work more closely together, even when they are miles apart

SPECIFICATIONS

Voice and Call Capabilities

- G.729 (8 kbps) (preferred standard)
- G.711 (64 kbps)
- G.728 (16 kbps) or G.726 (24, 32, 40 kbps) (optional)
- G.165 (ITU echo cancellation Standard)
- Transparent DTMF/MF Processing
- Supports MF to DTMF conversion
- Call Progress Tone Handling
- Call Routing and Number Translation
- Automated Speech, Fax and In-Band Data Discriminator
- Digital Speech Interpolation (DSI) and Voice Activity Detection
- Voice over IP, Internet or Frame Relay
- Voice over Data Routing Prioritization
- Low Latency
- Adaptive Jitter Buffer Management
- Call Aggregation
- Available in 7, 15, or 23 channel capacity

Fax Capabilities

- Group III Fax Relay T.30 (de-modulation and re-modulation up to 9600 baud)

Protocol Support

- IPv4 Host and Routing (RIP V1, static routes)
- Eclipse Networking over packet-switched network

Frame Relay

- Q.922 HDLC
- RFC 1490 Encapsulation
- LMI ANSI T.167 Annex D
- Frame Relay Encapsulated IP

Physical Interfaces

- V.35: Synchronous Data up to 2.048 Mbps
- T-1 (RJ-48C)
- RS-232 Console Port
- Ethernet 10Base-T IEEE 802.3

Management and Control

- In-Band Host to Host Management and Control
- SNMP Management



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Eclipse is classified as a Hybrid Key or PBX system (FCC registration BE2USA-24359-PF-E and others).

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