

IVID™ (INTELLIGENT VOIP INTEGRATION DEVICE)

E-Series

The Ivid™ E-Series is a line of enterprise gateways, with built in core IP PBX functionality, that intelligently integrates VoIP, TDM and cellular calling capabilities.

Engineered for flexibility, the Ivid E-Series was designed specifically so that enterprise customers can implement VoIP in their existing telephone and data networks in an easy and cost-effective way.



Want to reduce your expenses?

E-Series offers many different cost saving opportunities without costly upgrades to existing, outdated equipment.

- Intelligent least cost routing (LCR) offers unique savings opportunities on service charges
- Eliminate toll charges between your locations, including your home based offices and traveling workers
- Lower your cellular charges by routing calls in network through the optional integrated cellular module

Worried that it's too complicated?

E-Series was developed and built specifically with ease of implementation as the most important feature.

- E-Series has patent pending auto-detect capabilities* and a simple to use intelligent user interface that makes implementation simple and efficient
- E-Series remote monitoring and supervision puts network management at your fingertips
- Designed for interoperability, Ivid offers flexible, standards based interfaces

Concerned about reliability and security?

The E-Series provides you with peace of mind.

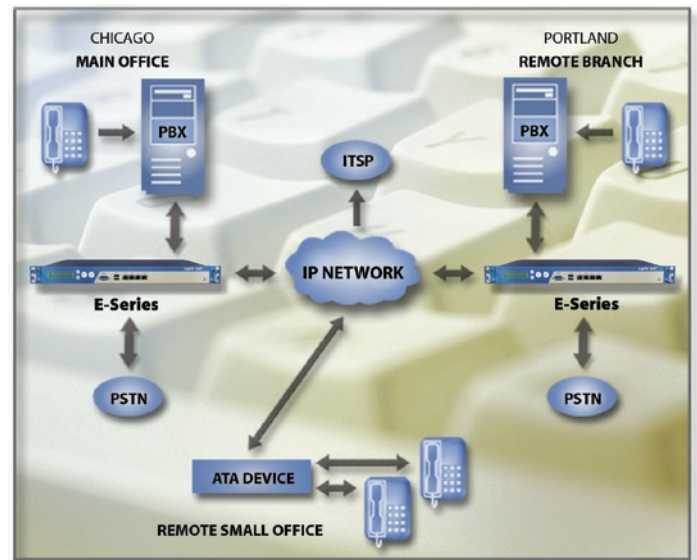
- LogiTel Quality Routing (LQR)™ can route calls based on quality parameters that you define*
- E-Series offers multiple levels of redundancy and fail-over between VoIP, traditional PSTN and cellular call paths
- IPSEC encryption insures that your calls are secure and confidential

Looking for feature enhancements above and beyond your current system?

E-Series offers several valuable features uniquely integrated with core gateway functionality.

- Enhanced auto-attendant allows for consistent, professional call handling across the entire network
- Built-in Voicemail includes email notification and delivery
- Intelligent call routing allows for a company wide unified dial plan and "find me, follow me" service

TYPICAL MULTIPLE OFFICE CONFIGURATION



In an enterprise network setting, the Ivid E-Series offers the best of all worlds: cost savings, quick and easy set-up, simple integration into your existing network and high-quality, reliable voice calling without the capital cost of changing your entire telephony infrastructure.

VoIP-voice over Internet protocol- is revolutionizing the way people communicate. At LogiTel, we've made it our mission to make your businesses' evolution to VoIP easy. We're succeeding:

We're simplifying the VoIP rEvolution.

SPECIFICATIONS

CALL MANAGEMENT FEATURES:

- Trunk hunt group support
- Public and private dial plan support
- Forced routing
- Music on hold
- Voicemail with email forwarding
- Auto attendant support
- Conference bridging
- Pass-through support for calls to 800, 911, 411, etc
- Automatic appending and stripping of digits to dialed numbers/Caller ID
- Call detail records with specialized reports
- Type I and II caller ID delivery
- Real time monitoring
- Remote internet graphical user interface (GUI)
- Real least-cost routing with multiple routes
- Answer Supervision/Disconnect
- Backup emergency PSTN line support

VoIP SPECIFICATIONS:

- Voice codecs: G.711, G.729ab (optional), GSM 06.10
- Enhanced echo cancellation. ITU Rec. G. 168, up to 128 msec tailsize

PHYSICAL PARAMETERS:

- Dimensions: 19"W x 1.75"H x 16"D (1U)
- Weight: 6.8 kg (15 lbs)

POWER REQUIREMENTS:

- Input Power: 100-240 VAC, 50/60Hz
- Power Consumption: 150 Watts Maximum

ENVIRONMENT:

- Operating temperature: 0-40°C (32-104°F)
- Storage temperature: -40-75°C (-40-167°F)
- Operating humidity: 10-90% non-condensing

IP NETWORK SPECIFICATIONS:

- Four LAN interfaces: autosensing 10/100/1000 Mbps ethernet
- QoS support: IP TOS
- DHCP detection
- SIP
- Dynamic protocol selection
- RTP IP transport
- NAT traversal
- Public, private, and abbreviated dial plan support
- Automatic stripping and appending of digits to dialed numbers/Caller ID

VOICE QUALITY:

- IP TOS (type of service)
- Diffserv (DS)
- Adaptive dynamic jitter buffer
- Voice activity detection (VAD)
- Line echo cancellation ITU G.165, ITU G.168
- Silence suppression

CONFIGURATION AND MANAGEMENT:

- Central provisioning and management
- Web-based graphical user interface (GUI);
 - integrated, no software to install
- Alarm/fault detection
- No need for complex arcane command line interface

SECURITY:

- Encrypted TCP/IP connection for remote administration and upgrades
- Embedded firewall
- IPsec voice encryption

PSTN/TELEPHONY INTEROPERABILITY:

- Interface:
 - T1: 1.544 Mbit/s
 - E1: 2.048 Mbit/s
- CAS Signaling:
 - FXS/FXO loop-/ground start
 - DID lines
 - E&M immediate/wink
 - Feature Group D
- CCS Protocols:
 - 4ESS
 - Lucent 5E
 - DMS100
 - NI-1 (National ISDN-1)
 - NI-2 (National ISDN-2)
 - EuroISDN PCM-30
- Impedance: 120 ohms balanced; T1-100 ohms balanced
- Analog lines (with external channel bank)