

IVID™ (INTELLIGENT VOIP INTEGRATION DEVICE)

C-Series

The Ivid™ C-Series is a line of full featured, carrier grade soft-switches and termination gateways engineered for flexibility and reliability.

The C-Series is specifically designed to meet the expressed needs of today's service providers.



Ivid™ C-Series base configuration

Efficient use of capital is important to every business.

The C-Series delivers all the features and functionality required by service providers in a unique configuration that initially supports 1,000 simultaneous calls and scales in flexible increments as your business grows.

- Low cost of ownership
- Modular design allows for success based CapEx
- Rapid return on investment

A robust feature set is essential.

The C-Series is feature rich and supports a multitude of business and residential service applications.

Standard C-Series features supported include:

- Caller ID
- Caller ID Blocking
- Call Waiting
- Call Forwarding
- Call Return (*69)
- Three-way Calling
- Call Transfer
- Do Not Disturb
- Distinctive Ring

Enhanced C-Series features include:

- Voice Mail
- Remote access to voicemail
- Find me/ Follow me
- Voice mail to email message delivery

Optional business Centrex features include:

- Multi-company and multi-location support
- Auto attendant
- Music on hold
- Do not disturb
- Conference bridging
- Music on transfer
- Direct Inward Dial

Reliable service is a must for today's service providers.

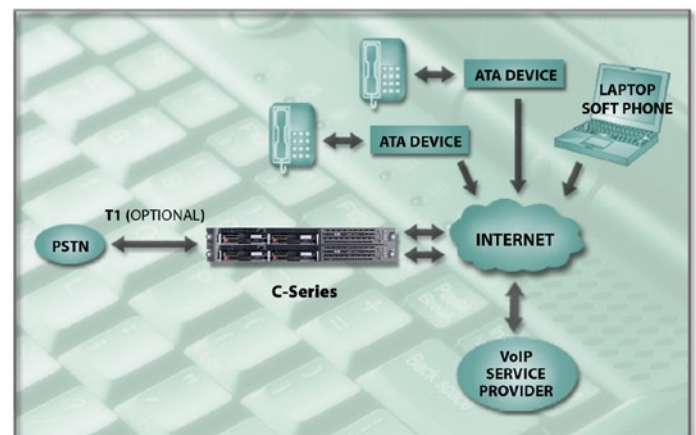
The C-Series' software, unique cluster design and state-of-the-art hardware combine to provide the reliability you demand.

- Multi-layered hardware and software redundancy
- Automatic fail-over with multi-path VoIP, and TDM call paths
- Load balancing support

Ease of implementation and administration is critical for success.

The C-Series sets the new standard for ease of use and flexibility.

- Intuitive GUI (patent pending) puts intelligent administration tools at your fingertips
- Flexible dialing plans and routing tables make custom routing simple
- Built-in API's enable easy integration with peripheral systems



Companies aren't looking for vendors; they're looking for partners.

At LogiTel we make it our business to help your business succeed. We recognize that every application is unique. We supply our application engineering talents and support services along with our equipment to help our customers successfully meet the demands of their customers.

We're making it easy for our customers to take advantage of what the latest technology has to offer.

We're simplifying the VoIP rEvolution.

SPECIFICATIONS

CALL MANAGEMENT FEATURES:

- Voice mail system with email forwarding
- Music on hold
- Conference bridging
- Auto attendant functionality
- Multi company support
- Trunk group support
- Public and private dial plan support
- Automated load balancing
- Forced routing
- Pass-through support for calls to 800, 911, 411, etc
- Automatic appending and stripping of digits to dialed numbers
- Call detail records with specialized reports
- Type I and II caller ID delivery
- Real time monitoring
- Web browser control
- Real least-cost routing with multiple routes
- Proper answer disconnect
- Backup emergency PSTN line support

TELEPHONY SPECIFICATIONS:

- Voice codecs: G.711, G.729ab, GSM 06.10
- Enhanced echo cancellation: ITU Rec. G. 168, up to 128 msec tailsize
- PRI signaling protocols: NI-1, NI-2, Euro ISDN, 4ESS, 5ESS, DMS100
- T1/E1 signaling
- Dialing: DTMF and MF
- Impedance: 120 ohms balanced; T1-100 ohms balanced

PHYSICAL PARAMETERS:

- Dimensions: 19"W x 3.5"H x 27.5"D (2U)
- Weight: 33.56 kg (74 lbs)

POWER REQUIREMENTS:

- Input Power: 100-240 VAC, 50/60Hz
- Power Consumption: 920 Watts Maximum
- Heat Dissipation: 4,000 BTU

ENVIRONMENT:

- Operating temperature: 10-35°C (50-95°F)
- Storage temperature: -40-70°C (-40-158°F)
- Operating humidity: 10-90% non-condensing

CONFIGURATION / MANAGEMENT:

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

SECURITY:

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

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

RELIABILITY:

- Fully redundant pair/cluster architecture
- Automatic fail-over with content replication
- Redundant dual power supplies
- Hot swappable SCSI RAID hard drives
- Dual Intel® Xeon™ processor platform
- ECC RAM
- Continuous internal monitoring
- Fully remote management