**Eastern Independent Telecommunications Ltd.**

# Leading the way with the All Inclusive *TCV* "*Telco Class VoIP*"

### *(Call Agent, VoIP Mail, Session Controller, T1s)*

## KEY BENEFITS:

➢ **Class IV Tandem & Class V**

➢ **Economical entry into the Voice over IP market with a full range of Class 5 features**

➢ **Full turnkey all in one system, no additional requirement for Stun Servers, Session Border Controllers or Remote Database Systems**

➢ **Optional add on TDM (T1) interfaces, from 1 to 32.**

➢ **E911 support**

➢ **Optional add on Hosted IP Centrex Package**

**TCV - VOIP**

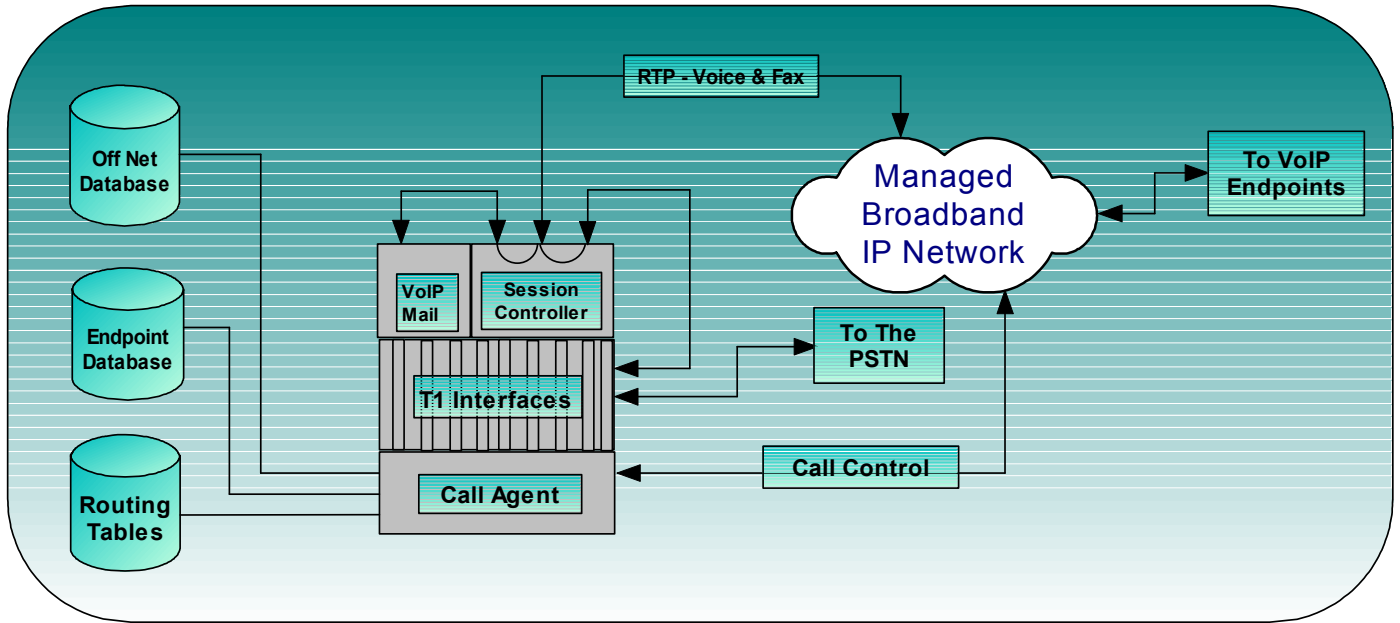## The TCV
- A robust Voice over IP Switch with, a proven track record, is ideal for the Telco, Cable company, or ITSP wanting to enter the exciting world of Voice over IP. The TCV provides a host of standard features the subscribers have grown to expect with their telephone service. With the TCV, you can offer full VoIP services and devices for your customers, including both Residential and Business Class services. Complete VoIP turnkey solutions are able to support IP Phones, VoIP analog adapters, PC based SoftPhones and Public Switched Telephone Network adapters. Rely on EIT's extensive Voice over IP knowledge and experience coupled with the TCV to accelerate your emergence as a successful Voice over IP Provider.

## The TCV
- Unlike most softswitches, the TCV is an all inclusive product. The main system houses the VoIP Call Agent, The VoIP (Voice) Mail System and the Session Border Controller. Each product runs on its own processor, Identical processors are utilized to reduce the cost of maintenance spare parts.

## Turnkey VoIP
The TCV is a true turnkey VoIP solution. Auto discovery of control and RTP ports remove the requirement for STUN servers and session border controllers in the network. Endpoints are preconfigured by our staff in the VoIPSwitch for plug and play on new installations. If Firewalls are in your network and necessitate Session Borders Controllers or STUN servers, then EIT's integrated Session Border Controller can provide a complete and economical end to end solution.

## Excellence In Telecommunications - www.eit.ca

## Some of the Popular TCV Features:

- Call Waiting / Disable Call Waiting
- Call Transfer ***
- Call Forward all Calls
- Call Forward Busy
- Call Forward No Answer
- Call Pick-up/Ring Groups/Add to Ring Groups ***
- Call Return
- Individual Customer Groups ***
- Do Not Disturb, Ideal for Home Office Exts. ***
- Off Hook Service / Immediate Dial
- Three Digit Dialing within Customer Groups ***

- Advanced Routing Capabilities
- Call Park / Remote Pick-up ***
- Full Pre-Pay and Post-Pay Options
- Public Telephone Network can be part of Customer Group ***
- Integrated VoIP Mail / Voice Mail Interface
- The TCV's Exclusive Legacy PABX Interface
- Passes CLID from PSTN to IP Devices
- Call Detail Records for all Calls
- Rate Tables for North America and Overseas
- Integrated Billing

**\*\*\* Offered with Hosted IP Centrex solution only**

## Product Specifications

| Category | Specification |
|---|---|
| TDM Interfaces | 1 - 2 - 4 - 8 T1 per Circuit Card, Maximum of 4 Circuit Cards per System (32 T1s) |
| Network Interface | Dual 10/100 Base-T for Call Control, Unique 10/100 Base-T for RTP (Voice) |
| Memory | 1.0 GB Ram and Dual 120 GB Raid 1 Drives |
| Monitors and controls | LED: Power x 1, HDD x 1, Thermal Control x 2, Fan Monitor x 1 and Reset Switch |
| Power | Dual Hot Swappable -48V or 110 Vac Power Supplies |
| Dimensions | 6U Rack Space, 482 x 508 x 177 mm,Built-in Temperature x 2/ Fans x Detecting Board |

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