

TSI-2069 E1 ISDN TERMINATION UNIT

- **CO Based using –48Vdc office battery**
- **Installed in 19” or 23” office bay**
- **ISDN (E1) PRI switch interface 30B+1D**
- **Interface with most switch and DCS types: Alcatel DEX, Lucent 4ESS, 5ESS, Nortel DMS100, DMS250, DMS500, Meridian, Siemens EWSD, QSIG, ETSI, NI-2000, NI-2, Sonus GSX9000**
- **Generates 404Hz, 1004Hz and 2804Hz tones. Used by outside Service Technician for analog transmission testing**
- **Supports 108 Test Line (digital loopback line)**
- **Supports 100 Test Line (quiet pattern)**
- **Supports 102 Test Line (9 sec 1004Hz tone, 1 sec quiet)**
- **Supports VIDEOCONFERENCING testing**
- **Originate and terminate Bonded Mode 1 calls**
- **Test most videoconferencing systems at any rate (i.e. 384Kb/s is using a bonded 6 B channels call)**
- **Provides V54 digital loop up/down commands**

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- **Supports DTMF dialing**
- **DS0 B channel amplitude and frequency measurements**
- **Generates Echo Canceler tone**

- **Field software upgrade using the Ethernet 10BaseT port. All new software is posted on the TELESYNC Internet web site (www.telesync.com) and can be downloaded from the TSI-2069 FTP site**

- **Provides 40 patterns (i.e. BERT patterns: 2047, All 0s, All 1s, 2e15, 2e20, 2e23, user define test pattern)**

- **Remote Control Access via Ethernet 10BaseT**

- **Access via carrier Intranet and Internet networks**

- **JAVA Interface GUI , single user (Windows 95, 98, 2000, NT, XT) using 10BaseT port**

- **Multi-User (Multi-Unit) SyncView GUI with QoV (Quality of Voice) and Echo Measurements. Client PC & Server supports Windows 95, 98, 2000, NT and XT.**

- **Dial up Frame Relay testing (using LMI, Annex A and Annex D patterns)**

TELESYNC

- **Quality of Voice (QoV) testing of VoIP circuits using the PAMS and PESQ protocol**
- **Monitor Mode – Unit is used as a 2 channel protocol analyzer logging and analyzing all the D-Channel messages between the ISDN switch and the end user**

TELESYNC

TSI-2069 Field Deployments

MCI WorldCom – International Switch Locations

Telnor – Mexico

Embratel – Brazil

Siemens

Unisphere Networks

Cable & Wireless

Nortel Networks

US Government – DISA, DSN