

# **TELESYNC**

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## **TSI-1569 ISDN TEMINATION UNIT**

- **CO Based using –48Vdc office battery**
- **Installed in 19” or 23” office bay**
- **PRI (DS-1) switch interface 23B+1D additional units 24B (TSI-1569-2)**
- **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, Nuera GX21 & GX8, Cisco 2600**
- **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**

- **Supports DTMF dialing**
- **DS0 B channel amplitude and frequency measurements**
- **Generates Echo Canceler tone**
- **Field software upgrade using the Ethernet 10BaseT or RS-232 port. All new software is posted on the TELESYNC Internet web site ([www.telesync.com](http://www.telesync.com)) and can be downloaded from the TSI-1569 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.**
  - **Supports NFAS (Non-Facility Associated Signaling) for up to 10T1**
  - **D channel backup**

- **Dial up Frame Relay testing (using LMI, Annex A and Annex D patterns)**
- **Quality of Voice (QoV) testing for VoIP circuits using the PAMS and PESQ protocols**
- **Monitor Mode- Use the unit as 2 channel protocol analyzer logging and analyzing all D-Channel messages between the ISDN switch and the end users**

## **TSI-1569 field deployments**

**Sprint - Long Distance**

**Sprint – Local Service**

**AT&T - Long Distance (Switched Digital Services)**

**AT&T - Local Service**

**AT&T CANADA**

**MCI WorldCom – North America Div.**

**MCI WorldCom – International Div.**

**MCI WorldCom – Government Div.**

**US Government – DISA/DSN**

**SBC Communications – Southwestern Bell**

**SBC Communications – Pacific Bell**

**Time Warner Telecom**

**ITC Deltacom**

**Qwest Communications International**

**Siemens**

**Unisphere Networks**

**Cable & Wireless**

**Nortel Networks**