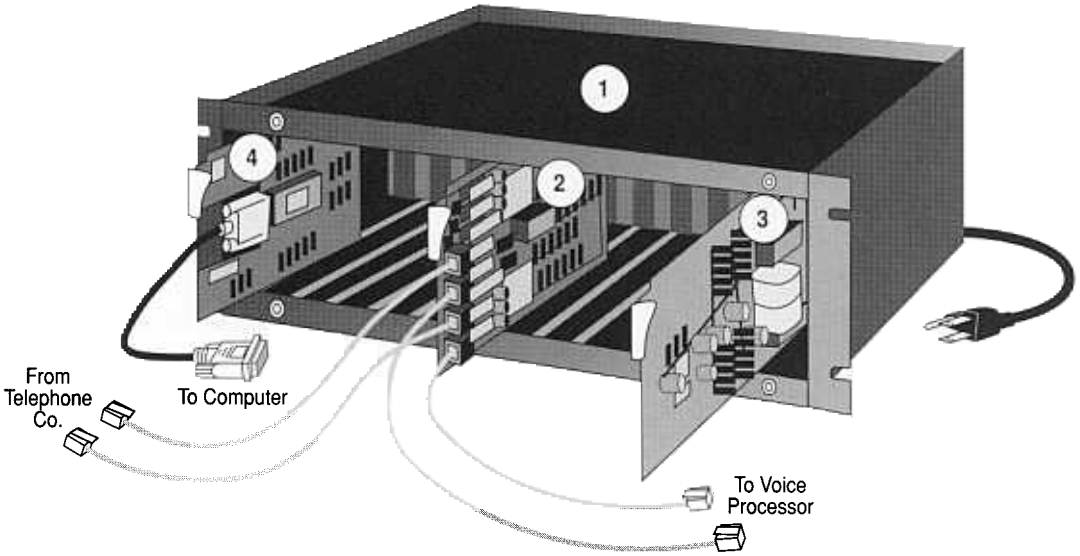
Nicollet

DigiTrap™ DTS - 1015

Convert D.I.D. trunks to standard Analog lines for connection to all Voice Processing systems



Functions

- Supervise up to 24 DID circuits per *DigiTrap™* chassis.
- Capture 3, 4, 5 or 6-digit feed from central office.
- Activate voice processing system (ring-start *or* loop-start).
- Download digits to VP system and connect talk path.

Whether your application calls for 2 DID trunks or 200, the *DigiTrap™* DTS-1015 offers the capacity and versatility to meet almost any requirement.

Components

(1) System Chassis, Model DTC-01

Rugged, 13-slot card cage can be rack-mounted or can sit on a table on rubber feet. Status LEDs are visible through the Lexan® cover panel. Input voltage: 115VAC (std.) or 230VAC (opt.) Dimensions: 19"W x 6"H x 15"D

(2) *DigiTrap™* card, Model DT-1015

Handles two DID trunks (in) from telco and two analog lines (out) to voice processing system. Modular cables make hook-up easy. Start with just one *DigiTrap™* card and grow to 12 cards (24 trunks) in a single chassis.

(3) Ring Generator card, Model DT-910

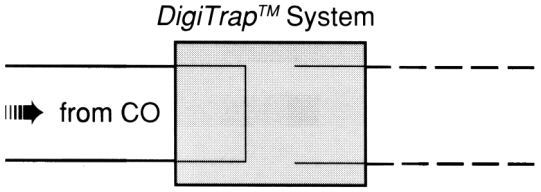
Resides in slot 13 of the chassis and supplies ringing voltage (85 Vrms @ 20 Hz) for activation of the voice processing system. Not needed if VP system can detect loop current applied by *DigiTrap™* card.

(4) Serial Data card, Model DT-915

Optional component, used if captured digits must be transmitted to a computer system for further processing. DT-915 communicates with host computer through a nine-conductor RS-232 cable at 300 to 9600 bps.

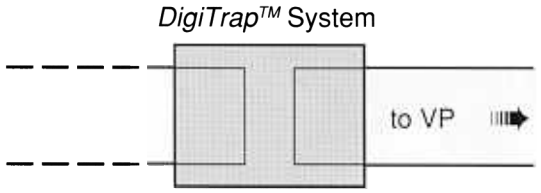
Operation of the *DigiTrap™* Model DTS-1015 is as simple as *A-B-C*. It begins with a DID call from the telephone Central Office (CO) and ends with a clear connection between the caller and your Voice Processing system (VP), as illustrated below. This straightforward conversion allows the VP system to route callers directly to the appropriate voice mailbox, voice response application, PBX extension, TAS agent or fax-back sequence—based on the DID phone number dialed. Your customers will never need to call from a Touch-Tone phone or re-enter digits when they use DID numbers to access your Voice Processing system.

A CAPTURE DID DIGITS FROM CO



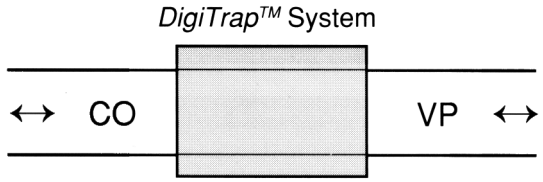
- Supply -48VDC talk battery to telco
- Answer Wink or Immediate Start trunks
- Collect Dial Pulse or DTMF digit feed

B DOWNLOAD DIGITS TO VP



- Activate Voice Processing system
- Return Ringback tone to caller
- After answer, download DTMF digits

C CONNECT CALLER TO VP



- Connect talk path: CO to VP
- Caller can now interact with VP
- Detect and signal disconnect

- ❑ Microprocessor on each card can solve unique problems with custom software.
- ❑ High-output power supply handles the current demands of 48 telephone lines.
- ❑ *Jumper* options on each *DigiTrap™* card can be set for any type of DID circuit.
- ❑ *Silent* downloading makes the operation of the system *transparent* to your callers.

For the best DID solutions in the Voice Processing business, come to us:

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