Nicollet

DigiTrap™

DTS - 2040

Capture Caller ID on business telephone lines, receive caller's phone number as DTMF digits

Functions

- Monitor up to 48 phone lines per *DigiTrap* chassis.

- Capture Caller ID information (FSK signaling) from local telco.

- Download caller's phone number (as DTMF) after call is answered.

- Allow outbound calls to be placed over any idle phone line.

Know who's calling as soon as you answer! The *DigiTrap* DTS-2040 is the **only** Caller ID interface that offers *in-band* signaling.

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 tinted cover panel. Standard input voltage: 115VAC Dimensions: 19"W x 6"H x 15"D

(2) *DigiTrap* card, Model DT-2040

Monitors four business phone lines from local telco to your call processing system. Modular jacks make hook-up easy. Start with just one *DigiTrap* card and grow to 12 cards (48 lines) in a single chassis.

(3) 24-pair cable, Model MOD-AMP

Simplifies connection of as many as six *DigiTrap* cards (24 lines) to a single RJ-21X Amphenol-type jack. This optional cable is often used to connect CO lines from the point-of-presence to the DTS-2040 Caller ID interface.
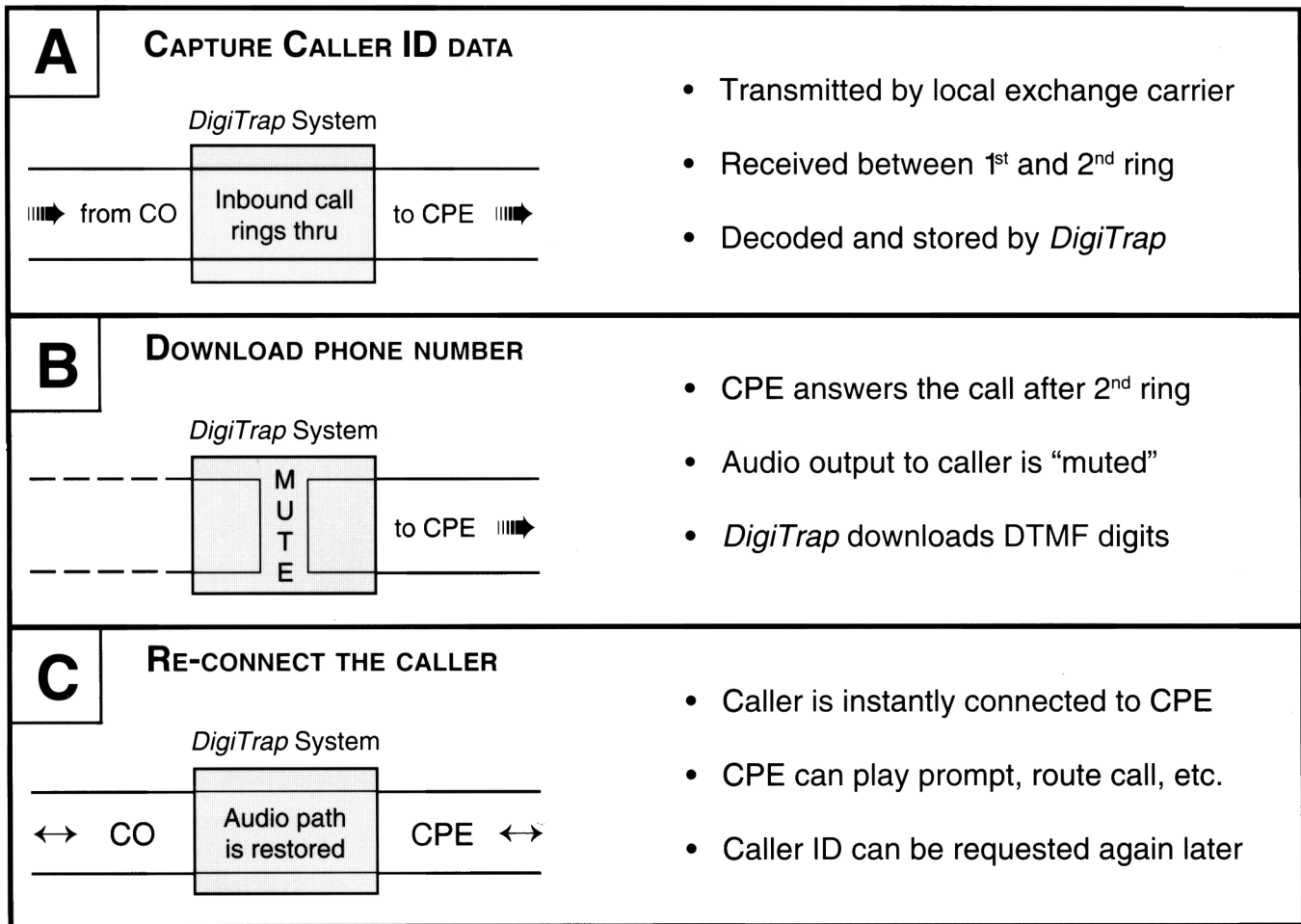
(4) Multi-line interface cables

Optional cables provide the neatest, simplest connection between multiple *DigiTrap* cards and high-density audioboards, such as the Dialogic LSI/120 or D/160LS.

The *DigiTrap* Model DTS-2040 lets your call processing equipment (CPE) know who's on the line as soon as it answers. By passing the caller's phone number to your system as DTMF tones, *DigiTrap* gives you the information you need to perform database lookups, verify a caller's identity, access the appropriate mailbox, bill back the proper client or route to the closest store. The DTS-2040 Caller ID interface works on standard business telephone lines equiped with the Caller ID feature from your local telephone company (check for availability in your area). Compatible with both single-message and multiple-message telco transmission formats. Allows inbound and outbound calls even during power failure or equipment malfunction.

A CAPTURE CALLER ID DATA

DigiTrap System

from CO | Inbound call rings thru | to CPE

- Transmitted by local exchange carrier
- Received between 1st and 2nd ring
- Decoded and stored by *DigiTrap*

B DOWNLOAD PHONE NUMBER

DigiTrap System

M U T E | to CPE

- CPE answers the call after 2nd ring
- Audio output to caller is "muted"
- *DigiTrap* downloads DTMF digits

C RE-CONNECT THE CALLER

DigiTrap System

CO | Audio path is restored | CPE

- Caller is instantly connected to CPE
- CPE can play prompt, route call, etc.
- Caller ID can be requested again later

- ❏ Can pass Caller ID to systems located behind a switch or in a hunt group.
- ❏ Microprocessor on each card can solve unique problems with custom software.
- ❏ *Silent* downloading makes the operation of the system *transparent* to your callers.
- ❏ *Demonstration* mode allows testing and development on lines without Caller ID.

When it comes to digit capture, DigiTrap does it best.