



# DCME Interceptor

*DCME Interceptor is unique in offering the most compact, fully featured DCME Interception. The DCME Interceptor design and implementation is the result of extensive experience in advanced hardware design, statistical voice analysis, voice compression, fax modulation/demodulation, data packetization, traffic-congestion handling and error Management. DCME Interceptor is supplied in a compact rectangular chassis designed for locating within a standard 19 inch telecommunications equipment rack. DCME Interceptor is equipped with MRJ21 connectors to interface with up to 38 EIs and two 100base-T lines for management function. All cable connectors are located to the front of the enclosure for ease of access. The DSP based Central Processing Unit (CPU), High Capacity Line Interface Card (HLIC) and power modules are modular and can easily be inserted and/or removed from the front of the unit.*

## System Features

- **The probe supports automatic detection of ITU-T compliant DCME/LRE equipment.**  
*G.761, G.763, G.767, G.768*
- **The specific DCME makes supported :** *DTX-240 all variants, DTX-360(A & A & C) and all variants, DTX-60/DTX-60D/DTX-600, DX-3000, DX-5000, DX-7000A, NCM-501 (NEC), TC-2000 (OKI)- Including fax 4 bit compression support, ADPCM*
- **The probe can automatically identify the DCME operational mode :**  
*Single Destination, Multi Destination, Multi Clique, Inter Operation (Mixed multi clique and multi destination)*
- **The probe is powerful enough to handle all level of compression from 2:1 to 16:1**
- **Reports**  
*GUI can generate various reports related to alarms and traffic state.*
  - *Target Alarm Reports (IT Alarms, DLC, Channel Check Failure etc.)*
  - *EI Statistics Reports (EI errored seconds, severely errored seconds, slips etc.)*
  - *Traffic Reports (Voice Activity, Data Activity, Fax Activity etc.)*

NOTE : The specifications can be changed without notice due to technological advances.



Your IT Partner

## INNOVATION COMMUNICATIONS SYSTEMS LTD

(an ISO 9001-2008 company)

8-3-898/30/2, Road No: 3, Nagarjuna Nagar Colony, Ameerpet, Hyderabad - 500 073, Andhra Pradesh, India

Tel: +91- 40 - 23752790, 23730083

Fax: + 91- 40 - 23752788

[www.icsglobal.biz](http://www.icsglobal.biz)

[info@icsglobal.biz](mailto:info@icsglobal.biz)



# DCME Interceptor

## Monitor/View Call Detail Records

CDR Record mainly includes following fields:

- Call ID
- Call Status (In Progress/ Completed)
- Calling Number
- Called Number
- Call Start Date & Time
- Call Duration
- Call Release Cause
- OPC
- DPC
- CIC
- National/International
- SLC

## System Features

- The system supports identification and CDR formation for signalling types
  - CCITT No.5 system 32 Kbps DSI Channel
  - CCITT No-7 system 64 Kbps clear channel
  - CCITT R2 system
- The probe supports up to 36 CEPT (2.048 Mbps) lines
- The probe shall handle Voice Band Data, Fax and Fax Relay (G.766), 64kbps clear channel, VOW (Voice Order Wire) traffic as per the DCME mode detected/configured
- Alarm Indication can be through
  - Through LEDs, Monitoring Software, Alarm Panel
- O&M GUI - The operation and maintenance software is provided by the OEM in order to configure and monitor the DCME Interceptor probe. All the O&M is done through a 100 base-T Ethernet port.
- Different levels of access for different users like Administrator, Monitor & Operator.
- Monitoring : Monitor Trunk/Bearer:
  - Alarms : LOS, LOF, AIS, RAI, BE, etc.
  - Stats : - Errored Seconds, Severely Errored Seconds  
- Slips, slip rate
- Monitor Target Device
  - Alarms : IT alarms, Bearer alarms, Channel Check Failure, DLC ON
  - Bearer Stats : Bits per Sample, Voice Activity ratio, Data Activity ratio, DLC ratio, Avg. BER of CC, BER Excess of CC
- Monitor system health status and Individual cards health status
- Facility to view Current Alarms on device & Previous Alarms on device
- Monitor traffic type of each trunk channel
- View Control Channel Data
- View any Trunk/Bearer's any Time Slot's data.

NOTE : The specifications can be changed without notice due to technological advances.



Your IT Partner

## INNOVATION COMMUNICATIONS SYSTEMS LTD

(an ISO 9001-2008 company)

8-3-898/30/2, Road No: 3, Nagarjuna Nagar Colony, Ameerpet, Hyderabad - 500 073, Andhra Pradesh, India

Tel: +91-40-23752790, 23730083

Fax: +91-40-23752788

www.icsglobal.biz

info@icsglobal.biz