Core Network Products

ECI DTX 600

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<th>ECI DTX 600</th>
<th>Product Name</th>
<th>Product Type</th>
<th>Key Features &amp; Uses</th>
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<tr>
<td>ECI DTX 600</td>
<td>Multi-service, multi-rate voice and data compression system</td>
<td>The DTX 600 is a high-capacity multi-service, multi-rate voice and data compression system, designed to serve as a network optimizer platform in diverse network applications and end-user environments.</td>
<td>Click here to request a quote for the complete system</td>
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Description

The ECI DTX-600, still marketed by Veraz Networks, offers the following features:

- More than 20:1 compression ratio for Toll Quality voice traffic (fully compliant with ITU-T G.729 CS-ACELP algorithm)
- Unmatched performance at 27:1 voice compression
- Supports Variable Bit Rate (VBR)
- Supports Toll Quality Service in multiple compression/decompression cycles using end-to-end compression technology
- Fax demodulation/remodulation – standard and non-standard Fax protocols
- Voice Band Data (VBD) compression
- V.32 and V.32bis demodulation/remodulation.
- Efficient integration of PSTN and packetized services
- Internal echo canceller.
- Some of the optional features in the system are: Efficient native data transmission over the bearer, V. series trunk support: V.35, Signaling Compression (PRI, SS#7), 2x2 Mbit Bearer Support for native data

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<th>ECI DTX 360</th>
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<tr>
<td>DTX 360</td>
<td>Data Compression System</td>
<td>The DTX-360 system provides a high compression ratio of up to 10:1 for speech traffic and a fax compression ratio of more than 6:1 for ITU Group 3 fax calls.</td>
<td>Click here to request a quote for the complete system</td>
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**Product Description**

The DTX-360 system provides a high compression ratio of up to 10:1 for speech traffic and a fax compression ratio of more than 6:1 for ITU Group 3 fax calls.

Utilizing DSI (Digital Speech Interpolation), LDCELP (Low Delay Code Excited Linear Prediction), or ADPCM (Adaptive Differential PCM), VBR (Variable Bit Rate), and Fax Demodulation/Remodulation techniques, the DTX-360 enables a high effective compression of transmission facilities in digital operating environments, together with a very high level of signal quality and system reliability.

Each DTX-360 terminal accepts up to 360 trunk channels, carrying 64 kbit/s signals of speech, voice-band data (fax and non-fax), and inter-exchange signaling types. These signals are transmitted to their destination terminal(s) over a single bit stream (Bearer) at a rate of 2.048 Mbps or 1.544 Mbps.

<table>
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<tr>
<th>ECI DTX 240</th>
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<tr>
<td>DTX 240</td>
<td>Data Compression System</td>
<td>The DTX240 system accepts up to two hundred and forty (240) 64 kbps trunks carrying either voice, voice band non-speech signals, or digital data for transmission over a 2.048 Mbps or 1.544 Mbps digital link.</td>
<td>Click here to request a quote for the complete system</td>
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**Product Description**

The DTX240 system accepts up to two hundred and forty (240) 64 kbps trunks carrying either voice, voice band non-speech signals, or digital data for transmission over a 2.048 Mbps or 1.544 Mbps digital link. It offers the following major features:

- A compression ratio of between 5:1 and 6:1 for speech traffic
- Compression of Group 3 fax signals up to 14.4 kbps, at a ratio of up to 6:1
- Compression of non-fax VBD signals up to 9.6kbps using standard data compression card.
- Compression of non-fax VBD signals up to 14.4.6kbps using an optional enhanced data compression card.
- 64 kbps Clear Channel capability for:
  - Pre-assigned channels
  - Dynamically requested channels (Q.50 enhanced protocol)
  - All VBD calls or selective assignment for V.34 calls (optional)

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