# Point to Point T1/FT1 Service

<table>
<thead>
<tr>
<th>Products</th>
<th>Format</th>
<th>WAN Ports</th>
<th>DSX Port</th>
<th>LAN Intfc</th>
<th>Mgmt</th>
<th>TDM Voice</th>
<th>Security</th>
<th>DTE</th>
<th>Redundant T-1</th>
<th>Frame</th>
<th>MUX</th>
<th>DBU V.34</th>
<th>Monitor</th>
<th>NEBS</th>
<th>Benefit</th>
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<tbody>
<tr>
<td>Desktop 554</td>
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<td>In-Band Management</td>
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<td>Transparent Ethernet Modem</td>
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<td>Mini Router</td>
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<td>Up to 14 FT1 Ports</td>
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<td>Xedge 1000</td>
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<td>Flexible DS1 / E1 IAD</td>
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**Legend**
- DTE 1 = 232
- DTE 2 = V.35
- DTE 3 = 530
- DTE 4 = 449/422
- Opt = Optional
- S = Standalone
- R = Rackmount
- Security: 1 = Multi-Level Password, TACACS+
- 2 = MD5, SSH
- SLA = Service Level Agreement & LQM
- LQM = Line Quality Monitor

**Highlights**

- **Desktop 554**
  - Low cost and easy to install. Configuration can be preset prior to shipment to the installation site, using internal switches. Users simply plug in the AC, telco line jack and WAN connector upon receipt and their up and running.

- **Desktop 554S**
  - Primary application is to provide an external plug and play T1 DSU for Cisco Routers. The Desktop 554S connects the router to the WAN port providing high reliability of an external T1/FT1 DSU. It also connects to the router's RS 561 port to provide all the management functions of an internal DSU.
  - Easy to install, easy to manage at a low cost.

- **SC 553**
  - Full featured T1/FT1 with In-Band SNMP Management. Remote locations do not require a LAN connection. Management includes TEAM and HP OpenView.

- **SCIP**
  - SCIP LAN-X, Transparent Ethernet Modem with its integral T1 DSU provides connectivity between LAN's and eliminates remote network support costs.
  - SCIP learns addresses of devices attached to local and remote LANs, eliminating the broadcast storms typically associated with bridged network LANs.

- **SCIP-MR1**
  - Full featured Mini-Router with integral T1 DSU. Supports RIP and OSPF with VRRP and Ssecurity features SSH and MD5. NEBS Level 3 Certified and available in High-Density and Low-Density packaging.

- **SC 5001**
  - T1 LTU for integrated access with cascade and multiplexing options for distribution of DS0's for termination as FT1, Voice, Video, V.35, RS 530, RS232 and DSO-A or OCU Dataports. As a CSU can distribute networking to other network elements. Supports Safe T-1 configuration for auto-switching upon card or circuit failure to hot standby secondary circuits or cards.

- **SC 5553**
  - Used in Conjunction with SC 5001 to allow termination of up to 14 FT1 channels to V.35 or RS 530 DTE interfaces.

- **Xedge 1000**
  - T1/E1 Integrated Access Device (IAD) for termination and consolidation of voice and data to the customer premises. Features point to point multiplexing over private facilities with the added benefit of consolidating voice data and Router traffic. Provides 2W/4W E&M, 2W FXO, 2W FXS, N x 56/64K Data, Multirate Async/sync, OCU-OP, Drop and Insert, Basic Rate 2B+D ISDN and IP Routing.