Federal agencies are adopting high-tech data and multimedia applications at a dramatically increasing pace, challenging the bandwidth restrictions of traditional dial-up connectivity. Verizon Circuit Switched Data Services (CSDS) provide the digital connectivity to support high bandwidth applications, such as on-demand video conferencing, through synchronous and completely digital transmission rates (up to DS1) to on-net and off-net locations.

**BENEFITS**

- **Proven Track Record:** Verizon has a long track record with CSDS, having supported FTS2001 users since 1999.
- **Extensive Global Presence:** Verizon currently provides CSDS services from the United States to over 65 countries and continues to expand a growing global reach.
- **Superior Network Quality:** Verizon carries CSDS calls over the same all-digital network as is used for Voice Services, so customers receive the same excellent network performance.
- **Rigorous Performance Standards:** Verizon provisions and manages the CSDS network to the same high standards as all data services, ensuring high quality service based on an all-digital backbone, digital switches and digital access facilities.

**FEATURES**

- **Narrowband Switched 56:** This is a switched version of digital private line service, with transmission speeds of 56 Kbps and usage-based pricing. It offers the high performance and reliability necessary for critical data applications such as:
  - Videoconferencing
  - Host file transfer
  - High resolution facsimile
  - Software downloads
  - LAN-to-LAN and WAN-to-WAN interconnections
- **Narrowband Switched 64:** An upgrade from Narrowband Switched 56, this CPE [Customer Premise Equipment] -based service provides speed and digital dependability at 64 Kbps for all of the above applications plus music and video store-and-forward applications. This service also provides on-demand bandwidth to supplement private lines, as a cost-effective way to support peak traffic.
- **Wideband Multi-Rate Bearer Service (MRBS):** This service allows customers to access dial-up bandwidth on demand by making only one call. For example, a customer can dial-up a certain amount of bandwidth for one application, then access additional applications on the same call, rather than multiple calls. This means a single ISDN (Integrated Services Digital Network) Primary can be maximized to provide the nearly the same bandwidth as a T-1 line – a significant advantage in juggling bandwidth-heavy applications.
• **ISDN H0**: This service offers impressive transmission speeds of 384 Kbps of contiguous bandwidth as a single data call. The customer’s CPE places only one call and the Verizon switch allocates channels to the call, providing customers with quick and easy access to significant bandwidth as needed.

• **ISDN H11**: This service offers even higher transmission speeds of 1.536 Mbps, providing contiguous bandwidth through the Verizon network as a single data call. This service transports the 24 channels of PRI contiguously through the network, providing an ideal environment for videoconferencing and other bandwidth-heavy applications, particularly in the context of Global ISDN.