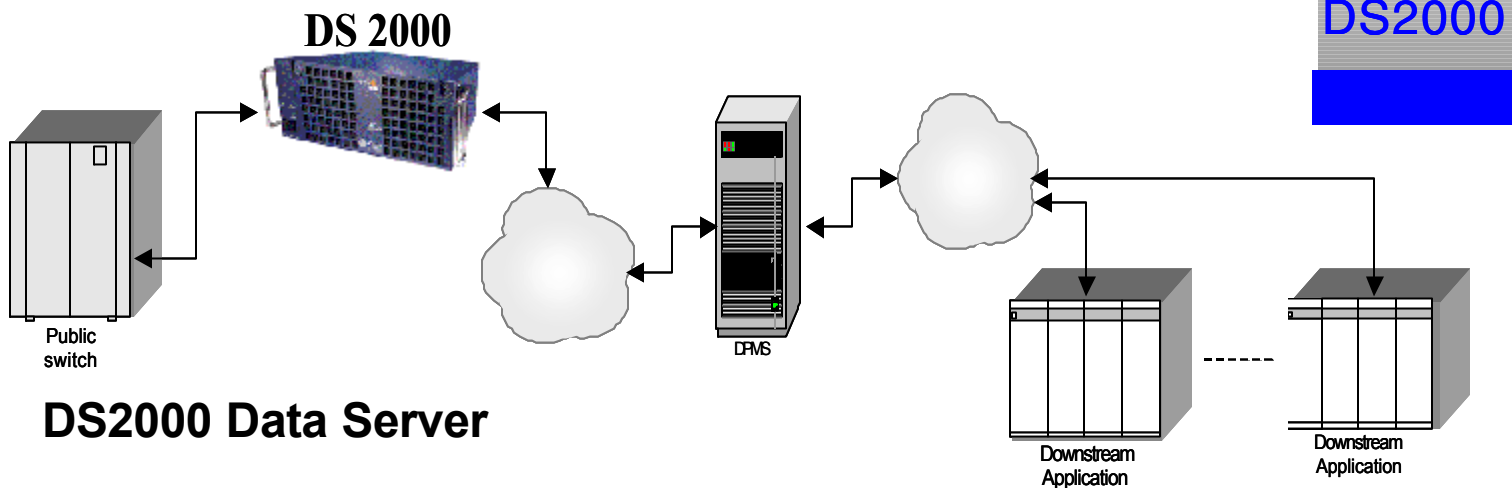


AVAX INTERNATIONAL

Innovative Telecommunication Solutions



DS2000 Data Server

The Avax DS2000 gateways data between old and new systems. The DS2000 has been designed to the Telcordia AMADNS Specifications GR-1343-CORE. The DS2000 is a Data Server Compliant device designed to collect and mediate Network Usage Data. This mediation solution is a vital element for service providers looking to maximize capital investment and maintain vendor independence. With the DS2000 Service Providers can rest assured they have the latest, most cost-effective technology available to safeguard their revenue streams.

The DS2000 is a true Open System, it runs on the Open Source Standard Linux® and Commercial Off-the-Shelf Hardware.

No longer are you slaved to your Software Providers Proprietary Hardware and Operating System. Proprietary Hardware is only required when the interface of the Generating System mandates it. Linux runs on a variety of platforms from Sun, HP, IBM and Intel. You now have the benefit the rest of the industry has enjoyed for years.

The DS2000 acts as an intelligent data collector directly from the PSTN Switch. Telegence has Interfaces for LAN, X.25 and even Magnetic Tape Controllers. AMADNS, AMATPS files and even Tape block processing is available

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DS2000 Data Server Functionality

The DS2000 Collects, validates, formats, stores, and forwards Usage records to downstream processing applications for Rating/billing, fraud, churn, Marketing/Sales, Data Warehousing and Customer Care. The DS2000 may collect data in continuous or burst mode. The collected data is immediately committed to non-volatile storage for further processing. The DS2000 can detect duplicate Files and blocks. A complete audit trail is collected and available for future diagnostics and call tracing. File naming conventions are completely flexible; the DS2000 can operate to industry standard or rename the files to the Service Provider specific conventions. Usage Files are forwarded on Service Provider definable scheduled bases in increments down to five minutes. The DS2000 may be implemented in Simplex, Redundant, or hybrid modes, maximizing the Service Providers Return on Investment.

DS2000 Data Server Features

- ✍ Multiple Means of forwarding Data (FTP, E-MAIL, HTTP, CD-R).
- ✍ Multiple Means of Collecting Data (LAN, X.25, SCSI, Magnetic Tape Emulation).
- ✍ Web based User interface.
- ✍ Multiple Generating System Interfaces available from one vendor.
- ✍ Independent Processing Modules, for ease of data processing.
- ✍ Complete Audit Trail.
- ✍ Supports Commercial Off the Shelf Processing Platforms.
- ✍ Supports Open Standard Linux® Operating System.
- ✍ 3 Levels of User security.
- ✍ Modular Architecture.

DS2000 Data Server Operating Modes

The DS2000 may operate in 3 modes:

- ✍ Redundant - Two complete sets of Processing elements, redundant Storage elements, and redundant Power supplies
- ✍ Hybrid - A single Processing Element, with mirrored storage elements, and dual Power supplies.
- ✍ Simplex - A single processing element, with a single storage unit, with a single Power supply

Operating Modes vary with processing platform vendors

DS2000 Data Server Compatibility

The DS2000 is offered with interfaces for the following Generating Systems:

- ✍ Nortel; DMS10, DMS-100
- ✍ Lucent; 5ESS
- ✍ Siemens; EWSD, DCO
- ✍ Alcatel; S12, E10, OCB
- ✍ NEC; NEAX-61E, NEAX-61K, Sigma
- ✍ Ericsson; AXE-10
- ✍ Fujitsu; F150

DS2000 Data Server Hardware Interfaces:

Pertec
SCSI; SE & Diff.
Cook 2200/2216
LAN
Serial

Futures:

Avax is always updating our product lines. Check our website or contact our sales department for current capabilities.

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