Purpose-built, Entry-level DASD

Built on Luminex's IBM® TotalStorage Proven™ VB 3990 DASD heritage, T2S is a mainframe disk solution designed specifically for smaller environments, providing a simplified, high quality and cost-effective alternative to large, vendor-driven options.
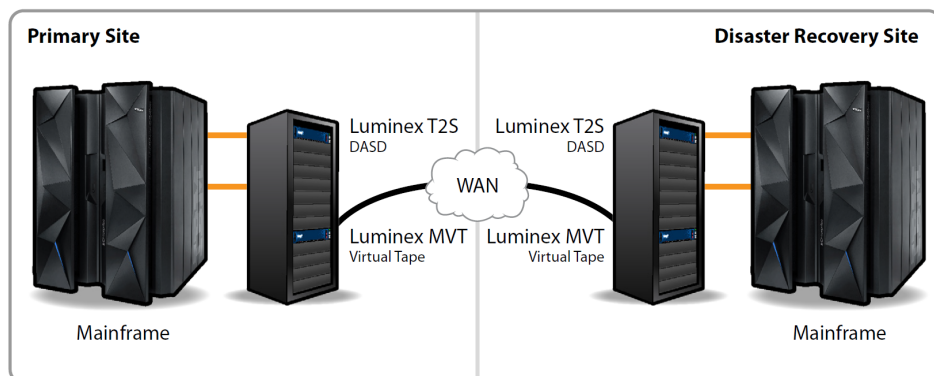
Compact and Enterprise-Class

- **Only 2U:** Smallest mainframe DASD footprint in the industry
- **Just the features you need:** No expensive "feature-bloat"
- **Ideal for Small Environments:** EOS/EOL disk replacement, development & testing or DR

Rightsized

As other DASD providers increasingly focus on the largest environments, solutions for small and medium size mainframe shops are reaching End of Support/End of Life with no suitable replacement offerings in sight. The "entry-level" has been raised both in terms of cost and complexity, adding features that many data centers don't need, and requiring space that many don't have.

Luminex's T2S is "rightsized" for entry-level mainframe disk requirements. At 2U, T2S occupies only 3.5" of space in a standard 19" rack. It also has the features you need, such as ECKD 3390 support, redundant mainframe channel connectivity (FICON or ESCON), native compression and RAID data protection. There are also no costly "all or nothing" add-on license packages.

Typical production and remote disaster recovery configuration with Luminex T2S and MVT.

Use Cases

- Production
- Disaster Recovery
- Development and Testing

Solution Features

- 2U rack mount footprint
- FICON and ESCON support
- Up to 144 TB of usable capacity
- ECKD 3390 support
- All-in-One or bundled DASD and virtual tape solutions available
  - Ideal for DR sites
- Supports z/OS, z/VM and z/VSE

Solution Benefits

- Compact form factor
  - Fits in a standard 19" rack
  - Reduce floorspace at production and DR
- Cost-effective
  - Modern, industry standard components
  - No unneccessary or costly feature

Ideal For

- Small and medium size mainframe environments
- Disaster recovery sites
  - Third party DR providers
  - Internal DR
- Development and test environments
- Data centers seeking to replace:
  - EOL/EOS DASD
  - ESCON-to-FICON converters and licensing for DASD

Optional Mainframe Virtual Tape (MVT) Solutions from Luminex

Luminex MVT solutions offer industry-leading capabilities and scale to fit any mainframe data center... from entry-level to the largest, most demanding enterprises.

- **Synchronous Tape Matrix™ (STM)**
  True continuous availability for mainframe virtual tape.

- **Push Button DR™**
  Disaster recovery and testing with "push button" ease.

- **CGSafe™**
  Encryption and key management.

- **CloudTAPE™**
  Replace physical tape archives and/or third copy backups with always available, geographically dispersed.

- **MVT Vault™**
  Cost-effective virtual tape vaults for remote, off site storage.

- **P2V™**
  Off-host conversion of 3490 or 3590 physical tapes to virtual tapes for remote, off-site archives.

- **Tape Migration Software and Services**
  Seamlessly transition physical and virtual tapes with exact copies of original VOLSER numbers and labels.

- **LTMon™**
  Integrated, centralized management from the mainframe console.

Production

T2S offers the right balance of primary storage capacity, throughput and features for small and medium sized environments, as well as hosted production environments. Modern, industry standard components make T2S reliable, compact, affordable and a smart investment in your mainframe's longterm ROI and TCO.

Disaster Recovery

Customers with DR sites hosted at third party providers can further benefit from T2S's compact size and minimal power requirements. By replacing a dedicated DASD enclosure and installing T2S into an existing rack, companies can reduce their floorspace and/or pay-per-plug hosting fees.

T2S can lower the barrier to entry for businesses looking to add a hot or warm site to their disaster recovery plan. Since DR equipment is infrequently used, budgeting for a dedicated DR configuration can be a challenge to accommodate, potentially impacting mainframe RPO and RTO. T2S provides a great alternative as a cost-effective DASD for disaster recovery use, minimizing investment expenses while improving DR.

Development and Testing

Development and testing groups can use T2S without impacting capacity and feature licensing fees, performance or management of a company's primary operational disk. Adding T2S makes it feasible to accommodate the simpler requirements of ancillary workloads without adding more premium priced DASD capacity or a complete DASD upgrade.

Industry Leadership

Established in 1994, Luminex specializes in mainframe virtual tape and FICON solutions, trusted globally and across all industries.

Learn More

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