

DeltaRemote

Remote Replication Software for the S2100 Data Protection Appliance

DeltaRemote[®] software for the SEPATON[®] S2100[®]-ES2 data protection appliance enables data-intensive enterprises to meet their disaster recovery imperatives without the cost, risk, and complexity of shipping tapes off-site. DeltaRemote is the fast, secure way to move terabytes of data to the safety of a remote site automatically – eliminating the risks associated with physical tape, including data security, shipping delays, human error, and physical cartridge loss.

NETWORK OPTIMIZED FOR EFFICIENT BANDWIDTH UTILIZATION

Leveraging SEPATON's advanced ContentAware[™] deduplication technology, DeltaRemote software reduces bandwidth requirements by as much as 97 percent, enabling enterprises to move large data volumes to the safety of a remote site quickly and cost-effectively. ContentAware technology collects and analyzed metadata from the backup stream to identify duplicate data with unparalleled efficiency. DeltaRemote software transmits new data and pointers representing the duplicate data in the backup.

PROTECT PETABYTES IN A SINGLE SYSTEM

SEPATON's unique DeltaScale[™] architecture enables the S2100 to dynamically load balance back up, replication, and deduplication across all available processing nodes. It also lets you add capacity or performance as needed in convenient increments. The usable capacity (before deduplication) of the S2100-ES2 scales to as much as 1.6 PB.

SEPATON technology eliminates the administrative cost and complexity of managing numerous independent backup systems needed to handle enterprise-class data volumes. SEPATON delivers

the performance, capacity, and modular scalability that data-intensive enterprises need to protect petabytes of data in a single system.

INDUSTRY-LEADING RESTORE PERFORMANCE

DeltaRemote software meets recovery time objectives (RTOs) with industry-leading restore times and unique forward referencing deduplication which enables it to restore data immediately without the reassembly required by other solutions.

FLEXIBLE DISASTER RECOVERY DEPLOYMENTS

DeltaRemote software can be deployed in a variety of ways to meet the business and disaster protection needs of large enterprises. Enterprises can replicate data from a headquarters data center to a remote DR site. DeltaRemote software delivers complete DR protection as well as WAN-based cartridge recovery.

For enterprises who maintain two data centers, DeltaRemote software also enables bi-directional replication (source and target). Data managers can eliminate tape handling in remote sites by using DeltaRemote software to replicate from multiple regional data centers to a primary data center in a many-to-one configuration.

POWERFUL SYSTEM MANAGEMENT

SEPATON gives you complete control of your backup and disaster protection environment to support your business objectives and policies. Powerful system management delivers unparalleled flexibility and control of back up, deduplication and off-site replication for maximum efficiency.

DeltaRemote lets you choose the data you want to replicate at the backup job or the cartridge level. You can also choose to replicate data with or without enabling deduplication.

Fully integrated with the SEPATON S2100 management console, DeltaRemote software cuts administration time with automated remote replication based on your policies. Intelligent scheduling and bandwidth throttling optimizes bandwidth utilization. Management console features include:

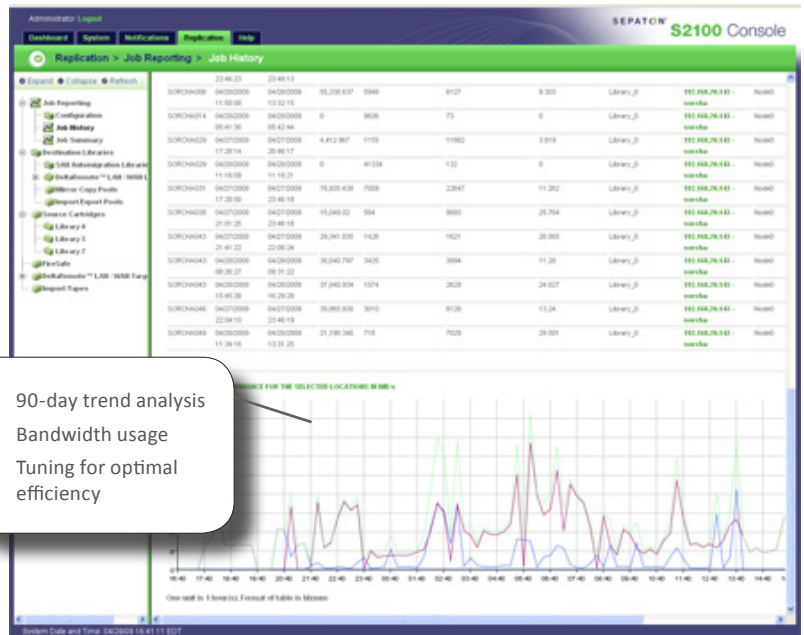
- Replication status view shows the percent completion of replication jobs (by bar code) through each phase of replication.
- Replication trend data. Collect up to 90 days of data on replication performance and efficiency for system optimization as well as detailed trend analysis and bandwidth planning. User-friendly reports put key data at your fingertips, including time of replication job transfer, time completed,

percent completed, and transfer status. Open data format lets you upload data into third-party reporting tools for further analysis.

- Replication configuration wizards make setup of source data protection appliance and target appliance intuitive and simple.
- Windowing policies enable you to choose the data you want to replicate and set the time and frequency of replication.

FASTER, SIMPLER TESTING

Unlike a tape-based system, which requires recalling tapes from archive, loading a tape library and restoring data linearly from the tapes, DeltaRemote software enables continuous, online access to stored data for simple, efficient testing. DeltaRemote software saves significant time and money by enabling you to conduct disaster recovery testing faster and without the need for physical tape management. Now you can test more frequently and with more realistic disaster scenarios.



Replication status view lets you track efficiency of replication process for bandwidth optimization and planning.