TANDsoft Adds Data Deduplication Technology to FileSync 3.1

Yet another attractive feature is about to be added to FileSync, the automatic file synchronization and replication software solution from TANDsoft, Inc. FileSync Version 3.1 will offer data deduplication, which significantly reduces bandwidth requirements and the size of backups by streaming only data that has changed within a file or database. Redundant data is not transmitted.

FileSync automatically monitors, replicates and synchronizes source files, program environments, application environments, configuration files, programs – anything non-database that needs to be kept current across the network. It supports qualified expressions and referential integrity as well as the synchronization of SQL/MX catalogues, schemas, tables, partitions, and indices. In addition, FileSync supports the SQL/MX filter, SQL/MX 3.2.1, and all earlier SQL/MX versions.

The data-deduplication feature allows FileSync to improve synchronization / replication times for large files. Only changed data, not entire files, are sent to the backup database. FileSync deduplication – or client deduplication - takes place at the system hosting the primary database. The FileSync deduplication algorithm detects what changes have been made to an already replicated file and transmits only the unique data. In addition to reduced backup sizes and bandwidth requirements, FileSync deduplication decreases disk loads, increases Recovery Point Objective (RPO), and reduces Recovery Time Objective (RTO).

FileSync supports a wide variety of file types, including all Enscribe files – audited, non-audited, structured and unstructured; all OSS files; NonStop SQL/MP Catalogs, Tables and Partitions; NonStop SQL/MX Catalogs, Schemas, Tables and Partitions; program source and object files; and configuration and TACL files.

TANDsoft customers use FileSync for system migration, disaster recovery, upgrades, and backups. The software works closely with all NonStop real-time data replication products to provide a comprehensive solution for maintaining duplicate system and application environments.

TANDsoft will exhibit at the NonStop Advanced Technical Boot Camp, November 3rd through 5th, in San Jose, California, USA. Visit us at Table #12. We also encourage you to attend our Boot Camp presentation, "Interception Technology Enhances Application Functionality."

TANDsoft's "best of breed, best in price" philosophy offers highly competitive value for all TANDsoft solutions. In addition to FileSync, they include the OPTA2000 virtual clock- and time-zone simulator; the OPTA suite of interception and trace utilities (OPTA-Trace Online Process Tracer and Analyzer, Recycle Bin, EMS Alerts Online Startup and Termination Capture Utility, Low Pin Optimizer); Stack Monitor, which alerts developers to the impending threat of a stack overflow; Command Stream Replicator, which logs and automatically replicates TMF-audited/unaudited FUP, SQL/MP and SQL/MX DDL structure and other environment changes to target systems; AutoLib, which automatically loads a user library or a DLL for executing processes; the Enscribe-2-SQL and TMF-Audit Toolkits, which offer flexible, affordable alternatives to more expensive conversion products or manual conversion techniques; E2S-Lite, which permits efficient, low-cost Enscribe modifications without the need to change a program's source code; and SDI (Sensitive Data Intercept) for Enscribe and SQL/MP.

TANDsoft products require no program source-code modifications, are available for all HP NonStop servers, and support major third-party applications. Free trials are available. For information about TANDsoft solutions, contact Jack Di Giacomo at +1 (514) 695-2234. Our *Enscribe to SQL Migration Forum* on LinkedIn is at 170 members and counting. www.tandsoft.com.