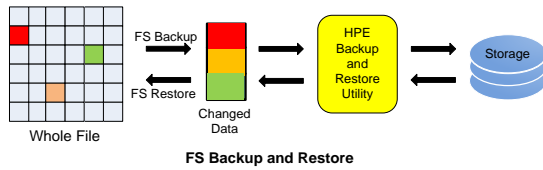




TANDsoft is a global provider of innovative HPE NonStop software solutions for use in time virtualization, application modernization, security, and business continuity. Our intercept technology is used by many customers to enhance application functionality with no program modifications nor source code. Our products are easy to install, easy to use, and are certified on all HPE NonStop servers. Check us out at www.tandsoft.com, or call us at +1 (514) 695-2234.

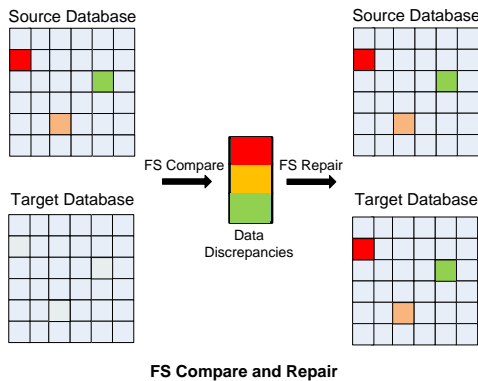
INTRODUCING THE TANDSOFT PRODUCT SUITE

FS Backup and Restore



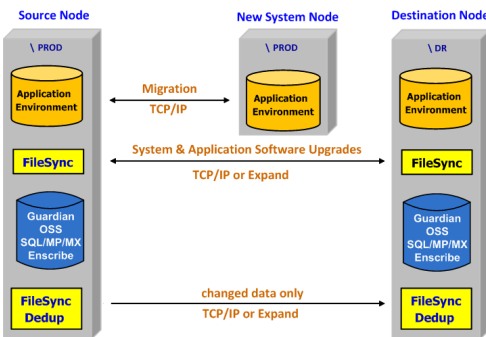
Backup times that formerly may take hours can be reduced to minutes with TANDsoft's FS Backup and Restore. Rather than archive whole files to disk, tape or virtual tape, *FS Backup* detects file data-block modifications and archives only the changes. *FS Restore* then can retrieve the saved file data-block modifications and will apply the changes to rebuild the original file. *FS Backup and Restore* complements the HPE NonStop Backup and Restore utilities as well as all NonStop third-party storage solutions.

FS Compare and Repair



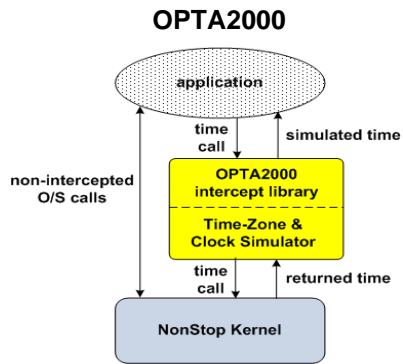
FS Compare and Repair identifies, reports, and resolves inconsistencies and false positives in both live and offline databases. It accesses data at the block level, regardless of block size. When discrepancies are detected, FS Compare and Repair drills down into rows/records to determine which columns/fields are out-of-sync and offers the option to repair the target file. The source and target databases do not have to possess identical physical structures. Between block-level comparisons and parallel processing, FS Compare and Repair is the most rapid compare/repair solution for use in the NonStop environment. It can compare a 1 terabyte multi-partitioned file in just 10 minutes.

FileSync

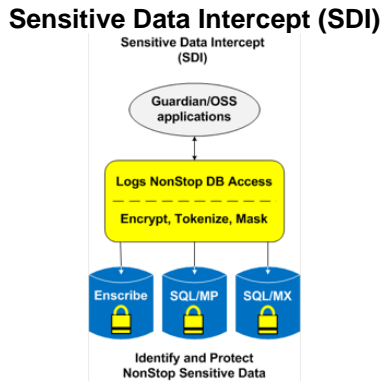


FileSync software automatically monitors, replicates, and synchronizes application environments and large non-database files across HPE NonStop servers. Use FileSync for disaster recovery, system migrations, upgrades, and backups. It serves to complement third-party replication products for a total business continuity environment. Multiple copies of FileSync can coexist in the same NonStop server, with each copy serving a different business unit. It supports all file types, including OSS, Enscribe, and SQL files. Consider FileSync as your disaster-recovery alternative to tape. [*FileSync Data Deduplication*](#) transmits only changed data, not entire files, to a backup database.

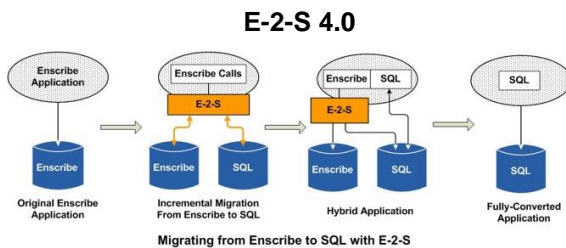
Turn over to learn about additional TANDsoft products →



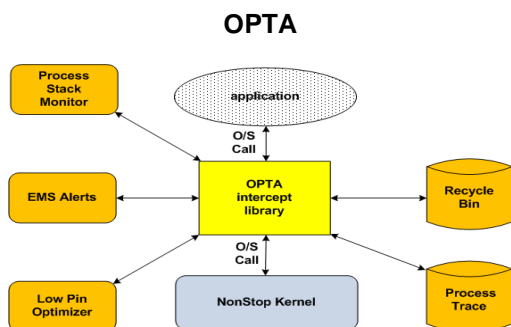
OPTA2000 provides date & time and time-zone simulation for all HPE NonStop Guardian and OSS applications and databases with no application changes required. Date & time simulation allows organizations to "time travel" their applications in the future or past to test all date & time-sensitive logic, eliminating the need to manually change the system clock. Time-zone simulation allows applications to operate in any virtual time zone on a single NonStop server. With the ongoing consolidation of data centers, OPTA2000 becomes increasingly valuable by allowing applications to operate in local date and time, independent of the current physical locations or time zones of their data centers.



Sensitive Data Intercept (SDI) seamlessly intercepts and logs all HPE NonStop Enscribe, SQL/MP, and SQL/MX database access calls. The SDI API can be used to help protect sensitive data-at-rest by encrypting/decrypting data written to and from disk. Purchase SDI directly from TANDsoft for your masking, auditing, or logging needs. SDI masks sensitive data from unauthorized parties, audits who or what is accessing sensitive data, and logs the dates and times of access. No program source code changes are required. Supports in-house, HPE (sqlci, mxci, odbc/mx...), and NonStop third-party products.



E-2-S 4.0 offers the flexible and affordable conversion of Enscribe calls to SQL/MP or SQL/MX statements. No changes to Enscribe applications are necessary. E-2-S increases conversion efficiency by incorporating static SQL-compiled statements instead of dynamic-compiled statements. It is the most effective and secure solution to modernize your applications.



OPTA is an online process tracer and analyzer for intercepting NSK system calls. With the OPTA API, custom code can extend application capabilities. The OPTA suite includes a variety of interception and trace utilities. *Stack Monitor* alerts developers to the impending threat of a stack overflow. *Recycle Bin* saves deleted files for later restoration. *OPTA-Trace* permits user viewing of NSK system procedure calls. *EMS Alerts* provides additional application start-up and termination processing. *Low Pin Optimizer* ensures the efficient use of low-pin system resources.