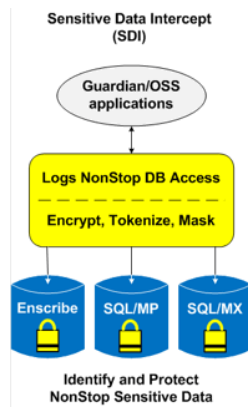


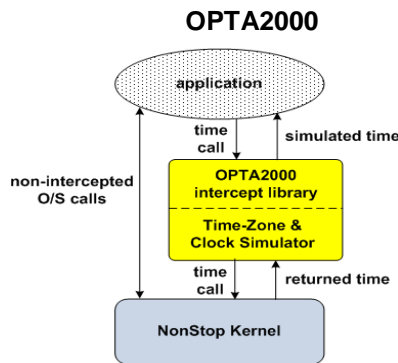


TANDsoft is a global provider of innovative HPE NonStop software solutions for use in time virtualization, application modernization, security, and business continuity. Our intercept technology is used by many NonStop customers to enhance legacy application functionality with no program modifications. Our products are easy to install, easy to use, and are certified on NonStop X. TANDsoft offers free software trials and is always competitively priced. Check us out at www.tandsoft.com, or call us at +1 (514) 695-2234.

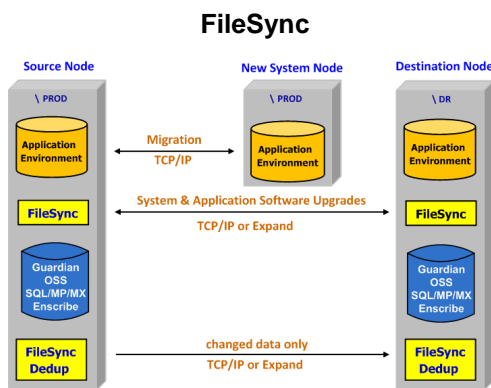


Sensitive Data Intercept™ seamlessly intercepts HPE NonStop database access calls, then works with HPE and third-party security products to protect sensitive data-at-rest by encrypting/decrypting data written to and from disk. Purchase SDI directly from TANDsoft for your masking, auditing, or logging needs. SDI masks sensitive data from unauthorized parties, audits who or what is accessing sensitive data, and logs the dates and times of access. Supports Enscribe, SQL/MP, and SQL/MX. No program changes are required.

INTRODUCING THE TANDSOFT PRODUCT SUITE



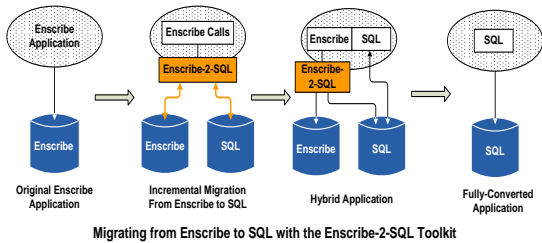
TANDsoft's OPTA2000™ provides date & time and time-zone simulation for all HPE NonStop Guardian and OSS applications and data bases, with no code changes. Date & time simulation allows organizations to "time travel" their applications in the future or past to test all date & time sensitive logic, eliminating 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.



FileSync™ software replicates and synchronizes application environments and non-database files across HPE NonStop servers. Customers use FileSync for disaster recovery, system migrations, upgrades, and backups. It serves to complement third-party replication products for a total business continuity environment. FileSync also preserves node-centric settings. FileSync supports qualified expressions, discrepancy reporting, and SQL/MX filters as well as the synchronization of SQL/MX catalogues, schemas, tables, partitions, and indices. **FileSync Data Deduplication** transmits only changed data, not entire files, to a backup database. **FS-AppendOnly** reduces processing time from seven minutes with whole file synchronization to less than five seconds with AppendOnly. **FS-Incremental** minimizes the time by synchronizing only files that have changed or are new since the last incremental synchronization.

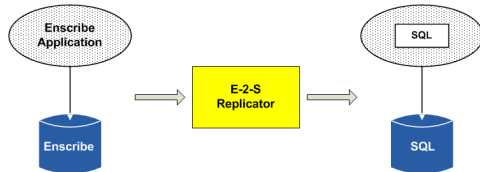
Turn over to learn about additional TANDsoft products →

Enscribe-2-SQL Toolkit



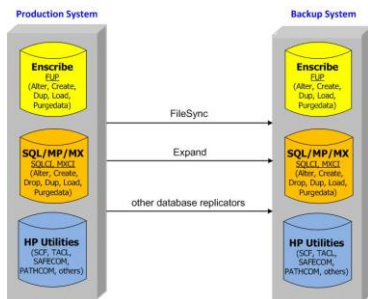
Enscribe-2-SQL Toolkit™ offers a flexible and affordable conversion of Enscribe calls to SQL/MP or SQL/MX statements. No changes to Enscribe applications are necessary. For complex operations and maximum performance, TANDsoft's toolkit library includes an API that enables the mapping of specific Enscribe operations to the desired SQL operations. *E2S-Lite* enables efficient, low-cost Enscribe modifications.

Enscribe-2-SQL Replicator



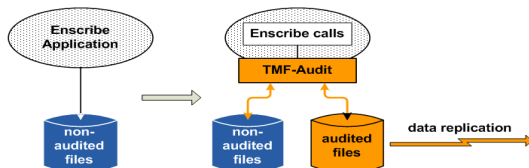
Enscribe-2-SQL Replicator™ permits real-time, or low-latency, online replication of Enscribe files to SQL tables. Application modifications are not required. E-2-S Replicator modernizes legacy Enscribe files to duplicate SQL databases. For Enscribe to SQL migration, SQL/MP databases can be loaded while the Enscribe files are being updated. SQL queries can be used to access duplicate SQL/MP databases.

Command Stream Replicator



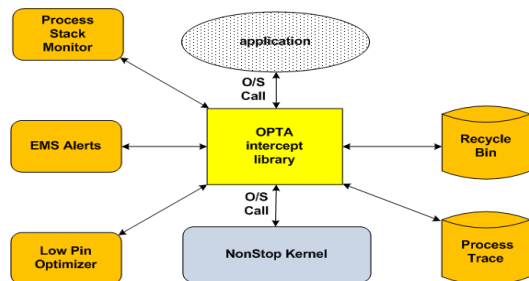
Command Stream Replicator™ (CSR) automatically replicates DDL structure changes and HPE utility operations to backup systems – changes and settings that normally are not supported by NonStop data-replication products. CSR supports synchronous or asynchronous replication of DDL (Enscribe, SQL/MP/MX) changes as well as HPE utility operations (FUP, SQLCI, MXCI, SCF, TAQL, SAFECOM, PATHCOM, and others).

TMF-Audit Toolkit



TMF-Audit Toolkit™ enables easy conversion of non-audited TMF files to audited TMF files. No changes to Enscribe applications are necessary. TANDsoft's toolkit library includes an API that enables developers to write procedures specifying the TMF transaction boundary. As a result, the full conversion flexibility otherwise available only with manual conversion is retained. The TMF-Audit Toolkit enables replication with various NonStop data-replication products.

OPTA



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.

Find information on these and other TANDsoft solutions at www.tandsoft.com.