Data that's locked away in Enscribe, the original file system for the HP NonStop server, is hard to reach and hard to share. As a result, it's also hard to use for right-time business decisions. No new tools—for report writing, data analysis, software development, or anything else—are being created for Enscribe, and no Enscribe programmers are coming out of the university. Today, the industry-standard SQL relational database is king.

Does that mean that Enscribe users are stuck in the Dark Ages? No. Because Escort SQL quickly and easily converts even the largest and most complex Enscribe databases to NonStop SQL. It also provides translation services, so that legacy Enscribe applications can run transparently against the new database. And it does all of this with absolutely no reprogramming required.

It's important to note that customers can do all of this incrementally, thus reducing risk and making their data useful more quickly. Because no change to programs or setup is required, they can choose to convert many files, or just one. The alternative is bleak: Without Escort SQL, every program must be rewritten and retested when files—one or many—are converted. This significantly increases both the complexity of the conversion and the possibility of failure. Escort SQL is clearly the winning approach.

- Provides tools for the redesign and replacement of Enscribe files with NonStop SQL tables
  - Database redesign starts with the gathering of three types of information: Enscribe DDL, which describes the current format of Enscribe data; the Enscribe file attributes to ensure proper size, placement, partitioning, and security; and any other modifications the customer wishes to make in the layout, formatting, or normalization of the data as it will appear in SQL.
  - Once redesign is complete, Escort SQL validates and stores the translation rules that map the old Enscribe view of the data to what the data will look like in SQL.
  - Using this stored mapping, Escort SQL's high-speed, parallel database loader converts and loads the Enscribe data into the new SQL tables.
  - Escort SQL does not maintain dual Enscribe and SQL copies, so once data is loaded, the Enscribe files can be purged.
  - Result: A redesigned and open database (within security constraints) for use by all platforms as well as third-party applications and tools, with no need to change your programs.

- Provides translation between Enscribe programs and NonStop SQL databases, using interception technology
  - The Escort SQL runtime component is implemented as an object-code plug-in, specifically as a DLL or User Library; no source code is used, and no modification or recompiles of your programs are required.
  - The product works with all supported operating system versions and hardware platforms; it does not require privileged code, SUPER.SUPER access, or ongoing operator intervention.
  - With the Enscribe data redesigned and loaded into SQL tables (as described in the steps above), it's time for the Escort SQL runtime environment to play a role. The runtime plug-in intercepts Enscribe program calls directed to NonStop SQL tables, transparently translating the Enscribe calls into efficient SQL statements on behalf of the program.
  - The Enscribe programs read and write to the SQL tables, completely unaware that their data has been transformed and made open, without adding overhead or processing delays.
  - The Escort SQL runtime plug-in is based on the same interception technology and library used by NonStop AutoTMF.