Product Portfolio: Escort Journaling

Escort Journaling, a companion product to Escort SQL, is used during the conversion process from Enscribe to SQL. Working in conjunction with Escort SQL, Journaling makes it possible to load databases live in the background while the applications continue to update the Enscribe files. This is ideal for customers who need the system to be completely "up" during the conversion from Enscribe to NonStop SQL. The databases can be accessed and changed through the entire process. Journaling captures all changes made during the data loading process and ensures that they are applied to the new SQL table before the cutover.

Once the database is up to date, the application is stopped for a brief time—seconds, or at most a few minutes—to allow the last few changes to trickle into the new database. Finally, the applications are pointed to the new NonStop SQL database. Bottom line: Instead of hours of downtime, which is what the offline load of a large database normally requires, everything is up and running nearly continuously.

- Starts and maintains a log of all changes that are occurring to the Enscribe file to be loaded to SQL.

- Starts a background load of the Enscribe data to the new SQL table(s) using the Escort SQL translation rules (also known as mapping).

- Once the background load is complete, Journaling applies the changes that have occurred in the Enscribe file to the SQL table(s).

- When the captured changes have been applied, the Enscribe applications are momentarily frozen to stop any further changes, allowing any final changes to trickle through Journaling to the new SQL table(s).

- Once the final updates have been applied, the Enscribe programs are pointed to the SQL tables and thawed to resume normal activity–now using SQL tables for their database, without having incurred a major application outage.