

MULTI-USER DATABASE

Virtual Engines and Automated Design use advanced modern database technology to relieve the designer of the burden of Data Management - a common problem with flat-file based CAE software products. The sheer number of data files produced by each design project can be overwhelming, even for a single user. Poor data management often results in vital data being misplaced or lost. These problems are compounded when more than one designer uses the system. With each engineer storing information his or her own way, on different disks, the result is data management chaos.

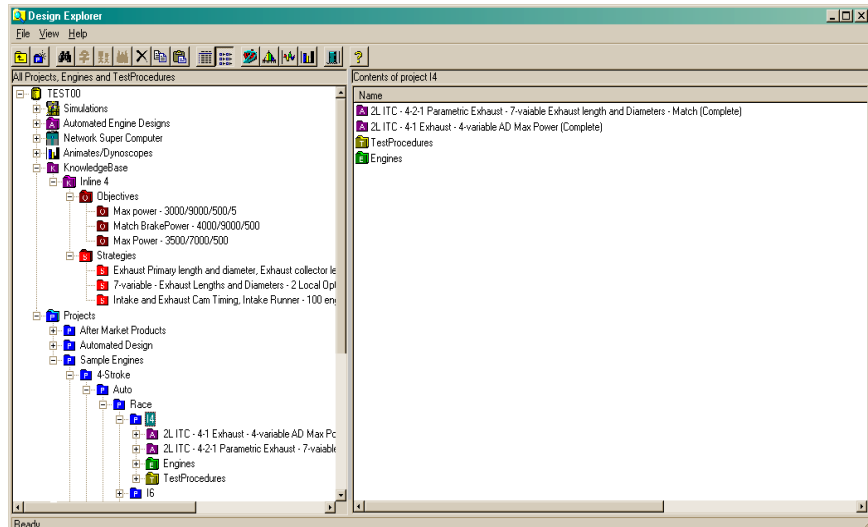
In contrast to other flat-file based design systems, Virtual Engines and Automated Design store all data in a *single* SQL database. This includes:

- ❑ Simulation and Test Data
 - Every engine model that was ever created
 - Every test-specification that was ever defined
 - All RPM-based results, both simulated *and* measured
- ❑ Design Knowledge
 - Every Automated Design Objective
 - Every Automated Design Strategy

OPTIMUM Power Technology has further stretched its market lead in design data management by enhancing all of its products to support the latest release of Microsoft's SQL 2000 database product.

The MULTI-USER DATABASE is a new product that provides scalable multi-user support for all of OPTIMUM'S design products. All three editions of SQL 2000 are supported to accommodate any size design group:

- ❑ Desktop edition, distributed free of charge, supports small groups of 20 or less



- ❑ Standard Edition supports medium size groups from 20 to 100 designers
- ❑ Enterprise Edition supports even larger design groups

SQL 2000 provides powerful journaling and back-up capability, ensuring that the data can easily be recovered in the event of a system failure.

The MULTI-USER DATABASE permits engine models, results and design knowledge to be shared and accessed simultaneously by all users. Every designer sees the same information and can work on the same design project if need be. There can be no confusion concerning revisions or model compatibility from one designer to the next. Each change to the engine design is carefully recorded, together with user information, providing complete multi-user change control and 'Genealogy'. Finally, as you design needs grow you can upgrade the MULTI-USER DESIGN DATABASE to create an OPTIMUM NETWORK SUPERCOMPUTER.

With the MULTI-USER DATABASE, design data is no longer scattered across the hard disks and laptops of every engineer. **It cannot be misplaced, lost or corrupted.** And, it is impervious to staff turnover. In short, design data can be secured and managed like a valuable corporate asset.