

## **ProvideX vs SQL**

Structured Query Language (SQL) is a de facto standard for database query languages, recognized by the American National Standards Institute (ANSI) and used by virtually all database technologies in the industry today. All databases and/or file systems that supply generic interfaces such as ODBC must provide an ANSI-standard SQL interface.

ProvideX is no exception to this rule. Its ODBC drivers are fully SQL-compliant thus allowing applications that wish to use SQL (such as Access, Excel, etc.) to read from or write to the ProvideX database.

However, ProvideX is so much more than a database. It is a complete development environment designed specifically for designing and building business applications. It includes a database/file system, SQL-compliant ODBC drivers, graphical development toolkit, programming language, web server, thin client interfaces -- all designed to run on a wide variety of computer systems (Windows, Linux, and UNIX).

Unlike other development environments, all aspects of ProvideX are designed to work seamlessly together while at the same time interface with other external components. What this means to the application developer is that ProvideX is a complete development environment that provides all the facilities required to design, create, and implement an application. The developer doesn't have to purchase database software from one source, language from another, web interface from another, and so on.

All aspects of a business software application can generally be served by the ProvideX family of products, and all of these products are designed to operate together on multiple platforms. Not only does this reduce the risk of incompatibilities between various system components, but it also means that support of the product and its components comes from a single source. This avoids the common problem of trying to track the source of a problem when multiple vendors are involved.

Another ProvideX advantage is that its components are highly optimized to work together. The application language is closely tied to the database technology allowing for high-speed data access. The graphical development environment is optimized to work with thin-client technologies. All components of the ProvideX environment, when used together, take advantage of a common architecture to provide maximum speed and flexibility.

ProvideX also adheres to generally-accepted software standards. Its database fully supports SQL (as mentioned earlier), the language can be used to access or develop Windows COM interfaces, and so on. This allows for a full integration of ProvideX applications into non-ProvideX applications and vice versa.

No, we don't use marketing labels such as "ProvideX-SQL" or "ProvideX-Database" because ProvideX is not just a database technology. What makes ProvideX different is that we provide the "complete solution", optimized to provide high performance, capable of integrating the latest industry standards, and implemented such that the resultant application will run on virtually any operating system.