Introduction to mvBase

mvBase is a very powerful Client/Server network application of a MultiValue compliant database environment. mvBase is designed for Windows. It fully incorporates the Windows graphical user interface (GUI) for system configuration and control.

The strengths of the MultiValue environment include database management, high performance multitasking and multiuser capabilities, an enhanced BASIC programming language (mvBASIC for mvBase), and an English-like query language. mvBase adds support for network connected GUI-based clients (including remotely executed Visual Basic programs), and provides network Telnet access in addition to traditional low-cost, text-based character-only terminals.

mvBase specifically addresses issues such as extending MultiValue applications into a client/server environment, with wide-ranging support of diverse client types which include:

* Locally connected "green screen" terminals and printers
* Remote "green screen" terminals and printers attached to network terminal servers
* Printers connected to remote systems
* Telnet clients
* Third-party terminal emulators
* Proprietary clients developed in C/C++ using the mvBase API
* Clients connecting via ODBC using the additional Liberty ODBC facilities
* mvBase’s own Windows Virtual Terminal Emulator client, mvTerm

mvBase supports the exchange of data between the MultiValue database and the Windows environment. Interoperability features in mvBase provide these features:

* Allow Windows programs to be launched from within the database environment
* Allow Windows messages to be sent to any process started in this manner or to a connected mvBase client
* Provide mechanisms for transferring data between the mvBase and Windows environments

In essence, mvBase provides a modern computing environment while maintaining the reliability and ease of use of a traditional MultiValue environment.