

# mvBase Database and Application Environment

## Easy Migration Path to Windows

mvBase is a database environment that offers enhanced performance, stability and the easiest path for multivalued database developers and users to migrate their applications into a Windows-based client/server environment making it an excellent vehicle for software development, demonstrations and laptop use.

## High-Performance, Easy to Use Transaction Database Server

mvBase offers a high-performance multidimensional database engine including such features as:

- An advanced database environment optimized for business applications
- Development tools to enhance your application whether updating your existing BASIC code or creating a graphical user interface using C++ or Visual Basic
- Allows flexibility in configuring system and application software across networks
- A telnet server to leverage off-the-shelf terminal emulators and terminal servers
- Users can connect via serial terminals or PC

A critical factor for a database is performance. The mvBase B-tree indexing provides enhanced performance for sorting and selecting data from BASIC applications. Its multivalued fields and unlimited item size provide maximum flexibility for data organization.

## Complete Development Environment with Support for Client/Server

mvBase provides a complete development environment including:

- Web-enabled: The FlashCONNECT interface allows full-featured Web-to-mvBase connectivity; mvBase can read and write to Web pages natively and in real time
- A high-performance BASIC compiler with extensions for Windows interoperability

commands

- Debugging tools
- Application Programming Interface (API) for C/C++
- BASIC extensions that allow BASIC programs to read and write Windows files on any Windows file system including CD-ROM

Windows applications may be launched and controlled from BASIC programs, PROCs or TCL. mvBase processes can communicate with each other through messaging.

## Ad Hoc Reporting and Decision Support Capabilities

One of the key advantages of mvBase is its extensive decision support capabilities, which allows business managers to gain insight from the valuable data contained in their mvBase database. Ad hoc reporting can be accomplished via an English-like query language called ACCESS.

## mvBase Features

### MULTIDIMENSIONAL DATABASE FEATURES:

- Compatible with Mentor PRO, P95, R91,\* R83 and other multivalued database products
- Unlimited item size
- Transaction logging (tape/system)
- Enhanced data transfer reliability (Fast File Recovery)
- B-tree indexing
- Online Help
- Tandem
- TCL Stacker
- Ad hoc reporting capability (ACCESS)
- PROC (PQ/PQX) support
- File item line editor (ED)
- Screen editor (Documenter)

**WINDOWS-BASED APPLICATION:**

- Runs on Microsoft Windows NT/2000/2003/XP Professional and Vista operating systems
- 64-bit extended operating system support
- Runs as a Windows NT service or application
- Supports Windows NT devices including I/O, tape and CD-ROM
- Leverages Windows NT disk striping and mirroring capabilities

**APPLICATION DEVELOPMENT ENVIRONMENT:**

- mvBASIC (DATA/BASIC) programming language enhanced with R91/P95\* BASIC commands
- Debugging tools
- API for C and C++ development available
- Messaging utility

**WINDOWS INTEROPERABILITY TOOLS:**

- BASIC extensions for accessing Windows files
- Tools for executing and controlling Windows programs
- Access to Windows shell
- Ability to send Windows messages to any Windows application

**EASE OF SYSTEM ADMINISTRATION:**

- Excellent user documentation available on CD-ROM and Web site
- Quick installation and upgrade
- Easy to use graphical interface for configuration
- Allows remote administration of terminals and printers
- Access to any network printer
- Standard tape commands, such as ACCOUNT-SAVE, T-DUMP, etc.
- Standard spooler commands

- Virtual tape support (to disk or across network)
- USB tape device support
- Global logon PROC

**FLEXIBLE CONNECTIVITY:**

- Support for standard text terminals connected via multiport cards or COM ports
- Custom terminal emulator client, mvTerm, for Windows NT included
- Integrated telnet server, mvTelnet, included

**FlashCONNECT ENABLED:**

- Generate HTML pages and Web-enable your mvBASIC applications
- Use mvDesigner to create true GUI applications using mvBASIC

**About TigerLogic**

For over three decades, TigerLogic Corporation (Nasdaq: TIGR) has been helping companies make better use of their data. With over half a million active users representing over 20,000 unique customer sites worldwide, the company has become a global leader in developing data management and application development products for creating Web-centric business software. To learn more about our company and its full suite of products, please visit our website at [www.tigerlogic.com](http://www.tigerlogic.com).

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\*Only selected features of R91/P95 are compatible on mvBase.