



Rocket® mvBase Database Management System

Optimized for Business:

Multitasking, multiuser, Multivalue database engine with enhanced BASIC programming language

Ease of Administration:

mvBase fully incorporates the Windows graphical user interface for system configuration and control

Flexibility:

Responds quickly to change for rapidly growing business application solutions

Windows Interoperability:

mvBase supports data exchange between the MultiValue and Windows environment. Windows programs can be launched from within mvBase

Web Enabled:

Generate HTML pages and take your mvBase applications to the Web

High-Performance, Application Development Environment

Easy-to-Use Transaction Database

Built on the strengths of the multidimensional development environment, Rocket® mvBase is a flexible, high-performance database management system which operates within the Microsoft Windows network environment. mvBase addresses the many diverse requirements of users, system administrators and software developers by allowing the simultaneous use of both a multi-value database and the Windows operating system.

Rocket mvBase is optimized for business application development:

- ❖ MultiValued fields and unlimited item size provides maximum flexibility for data organization
- ❖ Flexible system configuration supports application software across networks
- ❖ Indexing provides enhanced performance for sorting and selecting data from Pick/BASIC applications
- ❖ High-performance Pick/BASIC compiler with extensions for Windows interoperability

- ❖ Fast File Recovery (FFR) replication ensures high availability in case of a system failure
- ❖ Compatibility with Mentor PRO, P95, R91,* R83, and other MultiValue database eases migration to mvBase

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

Ad Hoc Reporting & Decision Support Capabilities

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

The Rocket® mvBASE Toolbox

Development tools for mvBase help enhance your application whether updating your existing Pick/BASIC code or creating a graphical user interface using Visual Basic, C++, C#, or Java.

Rocket® .NET API

Supports Microsoft's .NET Framework and provides a native bridge between a .NET application and a D3 data source

Rocket® Java API

Allows Java developers access to mvBase multidimensional data from their preferred Java IDE

Rocket® MVS Toolkit

Enables developers to easily publish multi-value Web Services for mvBase, exposing both Pick/BASIC subroutines and Access queries (AQL) as Web Services

Rocket® FlashConnect

Provides full-features Web-to-mvBase connectivity for mvBase to read and write to Web pages natively and in real-time

Features

Multi-dimensional Database

- ❖ Compatible with Mentor PRO, P95, R91,* R83 and other MultiValue database products
- ❖ Unlimited item size
- ❖ Transaction logging (tape/system)
- ❖ Enhanced data transfer reliability and disaster recovery (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)

Application Development Environment

- ❖ Pick/BASIC programming language enhanced with P95/R91* BASIC commands
- ❖ Debugging tools
- ❖ Pick/BASIC runtime error logging
- ❖ APIs for Visual Basic, C++, C#, .NET and Java 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

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

Ease of System Administration

- ❖ User documentation available on CD-ROM and online
- ❖ Quick installation and upgrade
- ❖ Easy to use graphical interface for configuration
- ❖ Allows remote administration of terminals and printers
- ❖ Access to any network printer
- ❖ Windows only printers—Supports the ability to use the graphics supported in the Windows Printer API
- ❖ 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 included
- ❖ Integrated telnet server, mvTelnet, included
- ❖ Supports multiple user connections for a single user license for both mvTerm and telnet clients (connecting the local mvBase Workstation component) on Windows Terminal Services

Web Enabled

- ❖ Generate HTML pages with FlashConnect and Web-enable your Pick/BASIC applications
- ❖ Use mvDesigner to create true GUI applications leveraging your existing Pick/BASIC code

