



The "Native" Application Platform for MultiValue

Attract New Developers
and Bring your Applications
into the Future with jBASE

 **zumasys**[®]

More than 25 years of innovation and determination has led to the evolution of a truly native database that is now 100% owned and supported by Zumasys, with Uniware, as an official distributor of Zumasys Products and Services.

What is jBASE?

jBASE is a world-class database management system comprised of development tools, middleware and a proven multi-dimensional database. jBASE takes the best points of a relational database model and adds several significant benefits including extreme scalability, superb performance, a small footprint and all of the rich features MultiValue developers require. With jBASE, your programs run natively on the underlying operating system. This allows you to easily cross train new hires and mainstream developers to bring your application into the future.

This highly flexible platform gives you the freedom to design your applications around your business needs, not the capabilities of your database. The adaptable architecture means you no longer need a crew of DBAs or an army of consultants to implement and keep your database running. Now under the ownership of Zumasys, the technology has been optimised for multi-tenancy and made 100% compatible with leading virtualisation platforms VMware vSphere and Microsoft Hyper-V. With Uniware as an official distributor of jBASE, within the Australian and New Zealand MultiValue market.

Under the Hood

The jBASE architecture is uniquely **designed to integrate with all application program interfaces (APIs) and backend databases**, which means you can store your data in SQL, Oracle or DB2 while still fully utilising your MultiValue programs. Enhanced versatility allows you to program in BASIC or C, providing your applications full access to the underlying operating system.

There is no restrictive legacy Virtual Machine layered on top of your application. The file I/O runs through a layer called jEDI (jBASE External Database Interface), which allows you to write BASIC code using conventional OPEN/READ/WRITE commands that access and manipulate information in virtually any data store, including relational databases and RESTful services.



"With jBASE web services and native operating system integration we now have easier access to integrate with current and future technologies."

– **Dennis Corp**, Database and Technology Specialist | Uniware Pty Ltd



jBASE Benefits

Improved speed and flexibility

Because existing MultiValue apps are converted to native executables and shared objects, they run fast and take advantage of the latest compiler optimisations available for Windows, UNIX and Linux platforms. Because they are native, business objects created in jBASE, even those based on legacy code, can be easily wrapped with other languages.

Reduced costs

Flexible licensing models support cost-effective application deployment for traditional character-based applications and include models suited for efficient deployment of web and graphical-based applications. jBASE also has one of the lowest support and maintenance costs among enterprise-level MultiValue databases.

Dedicated support from Uniware

Uniware has a dedicated team of developers located in Australia and a customer-centric support team that is available 24x7. Our professional services team is here to help with your migration to jBASE and we can get your application running on jBASE quickly, on-premises or in our cloud. We can even show you your existing code running through a rich browser-based interface with zero modification.

We do all of this with unrivaled performance and with significantly lower annual maintenance costs.

With jBASE from Uniware, you can:

Simplify web development. jBASE's unique native architecture allows your programs to run natively on the underlying operating system, becoming instantly familiar to modern developers and easily connected to other databases, web services and the latest SaaS applications through jBASE's rich API-integration.

Modernise your platform. jBASE is a dynamic, high-performance and flexible NoSQL database that gives you the freedom to design your applications around your business needs, not the capabilities of your database. NoSQL is a data model that predated SQL databases and has regained popularity due to limitations of SQL databases, especially around scalability, defined schemas and multi-structured data.

Enrich the user experience. Use the latest and most popular development tools to add a modern user interface to finally give your employees and customers access to your application through the web and mobile devices.





Try jBASE today.
To learn more, visit:
[www.uniware.com.au/
solutions/database/](http://www.uniware.com.au/solutions/database/)

What's new in version 5.7?

Download jBASE 5.7 today and gain access to the latest features, including:

Dynamic Objects

Create objects on the fly and program in a language that looks and feels like JavaScript.

Affectionately known as "JabbaScript"—jBASE 5.7 marries the language of MultiValue (BASIC) with a modern language similar to JavaScript, giving developers the best of both worlds. One of the main benefit of Dynamic Object is that it makes BASIC a true object-oriented language. Also, since the jBASE compiler produces native code, operations on dynamic objects are blazingly fast.

Dynamic Files

Improve performance and flexibility with an automated file sizing.

As the name implies, the new files are dynamic, built from the ground up to continually work optimally as updates are made. They aren't like traditional MultiValue files which are hashed files that get re-sized manually or in the background. Dynamic Files reduce administrative overhead and boost your application's performance.

Profiles

Eliminate the necessity of using environment variables to configure jBASE.

jBASE profiles completely eliminate the use of environment variables to configure jBASE. Profiles extend the jBASE configuration allowing new settings which have never been available before - including a new "zero-conf" mode that allows jBASE to run with zero external configuration. With jBASE 5.7, you can continue to use your traditional environment variables, the powerful new profiles or a combination of the two for maximum flexibility and customisation.

RESTful Services

Integrate your business application with the web.

As a universal way for applications to communicate with each other, every major development language now includes frameworks for building RESTful Services. Native RESTful Services are built into jBASE allowing you to bypass proprietary APIs and open your Pick application to any language environment, web service or application.

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Give 'em the

