

mv.NET: A New Era in .NET Application Development for MultiValue Databases



mv.NET is a suite of components designed to provide the MultiValue developer with a comprehensive solution to the challenge of creating Microsoft .NET based applications requiring access to MultiValue databases. Its unique set of features allows the developer to use the latest Microsoft technology while still leveraging all of the traditional benefits of MultiValue functionality. It also provides a wealth of end-user capabilities allowing the developer to rapidly create feature-rich, high performance applications using the powerful tools provided by Microsoft's .NET environment.

Native Microsoft .NET Access to MultiValue Databases. mv.NET provides a 100% native .NET interface to all major MultiValue database platforms, allowing .NET developers to access all aspects of MultiValue systems – both data and program code - from within their .NET application.

All Major MultiValue Databases Supported. mv.NET provides the developer with the greatest flexibility to ensure that applications can be deployed across the widest range of databases; it is currently available on D3, jBASE, mvBASE, Reality, Power95, QM, UniData, UniVerse and UniVision and others by request. mv.NET is an independent release, so even legacy MultiValue applications can be easily integrated into the most contemporary information infrastructures without the needs for costly, inconvenient database upgrades.

Complete Development Environment within Visual Studio. Not only does mv.NET excel by providing the complete environment in the form of a series of fully integrated plug-ins to Visual Studio (2005, 2008, 2010); it is a unique feature. No other product in the market provides this level of integration! New MultiValue applications can now be developed without ever needing to leave Visual Studio! This improves developer productivity resulting in improved time to market for applications and reduced support times.

Simplified, intuitive access to the underlying database, without the need for specific MultiValue database knowledge. The Solution Objects component set of mv.NET allows the developer to create a strongly-typed class-based (business objects) .NET access layer to their MultiValue database. It provides the complete spectrum of features required to do this - the design tools to create the definition (entity model) of the access layer, the code generator to produce the access layer program code and the runtime support libraries. This allows .NET developers to access application data in a familiar, intuitive and database independent way. In fact, .NET application developers no longer need to understand MultiValue database technology in order to create their MultiValue-linked .NET solutions. This means that the largest programmer pool for hire of Microsoft oriented service organizations is now open to the MultiValue community!

Advanced Database Connection Management Technology. A key aspect of all .NET implementations is managing the connections between the user interface and the database. mv.NET's Session Manager makes certain that those connections are handled in the most efficient and cost-effective way, ensuring that users get outstanding response from their MultiValue applications.

"Fetch on Demand" Data Retrieval Technology for High Performance Application Delivery. Users expect "immediate" response from today's applications. With this requirement in mind, mv.NET has been engineered with in-built "fetch on demand" data retrieval technology which is under the control of the developer. Application interface response times can be automatically safeguarded even in situations where large volumes of data are being returned or where network connections offer restricted bandwidth; all of this without any extra coding from the developer. The result? A happy user and a happy developer!

Comprehensive ADO.NET provider featuring Dynamic Data Normalization. mv.NET dynamically manages the normalization of

data from MultiValue databases to ADO.NET. Because of this, MultiValue databases now appear just like another SQL database to developers working with Microsoft's ADO.NET technology. The resulting recordset is fully "MultiValue" aware enabling full update down to sub-value level as well as read functionality.

Support for Stateless Applications. Stateless application support within the product allows developers to cut development timescales by automatically persisting data and status history across application invocations.

Support for Framework 2.0 through 4.0. In today's fast changing world, some VARs and end-users will have deployed Framework 2.0 based applications, yet new work is almost certainly going to require Framework 4.0. Bluefinity is committed to enabling different frameworks to coexist and to providing ongoing support for new versions of the .NET Framework.

Support for both 32 and 64-bit O/S Platforms. In-line with BlueFinity's on-going support for Microsoft technology, mv.NET is available in both 32 and 64-bit builds.

Support for Microsoft Silverlight and WPF. This means Silverlight and WPF applications are able to access MultiValue data via industry standard interfaces which allows the full power of Silverlight's and WPF's excellent data binding technologies to be used against MultiValue data and business logic and enables the creation of stunning, browser based, truly modern application interfaces.

Free Trial: Download mv.NET at
www.bluefinity.com

