

# Announcing: LANSA Open for .NET

### Opening up the LANSAs Repository to Microsoft .NET Developers

LANSA Open for .NET opens up the productivity and discipline of the LANSAs Repository to .NET Framework developers. Shipped as a small and standardized .NET class library, it allows .NET applications to easily access LANSAs Repositories residing on System i and Windows servers.

LANSA Open for .NET brings the scalability of LANSAs applications, the maintainability of LANSAs's object repository and the portability of LANSAs's server technology to the .NET Framework. LANSAs Open for .NET will be released in the first quarter of 2008.

### Why use LANSAs Open for .NET?

As .NET becomes a pervasive frontend for business applications, integrating the LANSAs Repository with .NET client applications offers an important strategic step towards improved Windows development productivity.

In-house LANSAs development groups can use LANSAs Open for .NET to share the benefits of the LANSAs Repository with other groups or departments that want to or are already using .NET development tools.

For LANSAs Solution Partners, LANSAs Open for .NET enables their existing LANSAs solutions to be customized by .NET developers. Their customers can use .NET development tools to extend or enhance a LANSAs-based solution without the need to understand or even be aware of the underlying LANSAs technology used to build the solution.

### Getting Started is Easy

No knowledge of LANSAs is needed to use LANSAs Open for .NET. The industry standard class library is straightforward and is shipped with ready-to-run samples in both the C# and VB.NET languages. There is almost no learning curve for .NET developers.

If you already use Visual LANSAs, all you need is Microsoft Visual Studio, the LANSAs Open for .NET DLL and the online documentation. Nothing else is required.

If you are not already a LANSAs development site, you will need to identify and train a LANSAs Repository Administrator to administer the LANSAs environment on the server. The rest of your .NET team only needs the LANSAs Open for .NET class library and documentation. Your whole team is now ready to start using LANSAs Open for .NET.

### Benefits of LANSAs Open for .NET

- Opens up the System i to .NET developers in a productive, safe and disciplined fashion.
- No knowledge of LANSAs required by .NET developers.
- Productivity and discipline enforced by centrally stored business rules on the server with data validations, error messages, multilingual and DBCS support, referential integrity, database triggers and derived (virtual) fields.
- Faster and more secure than ODBC. Unlike basic table I/O applications, all client applications are automatically subjected

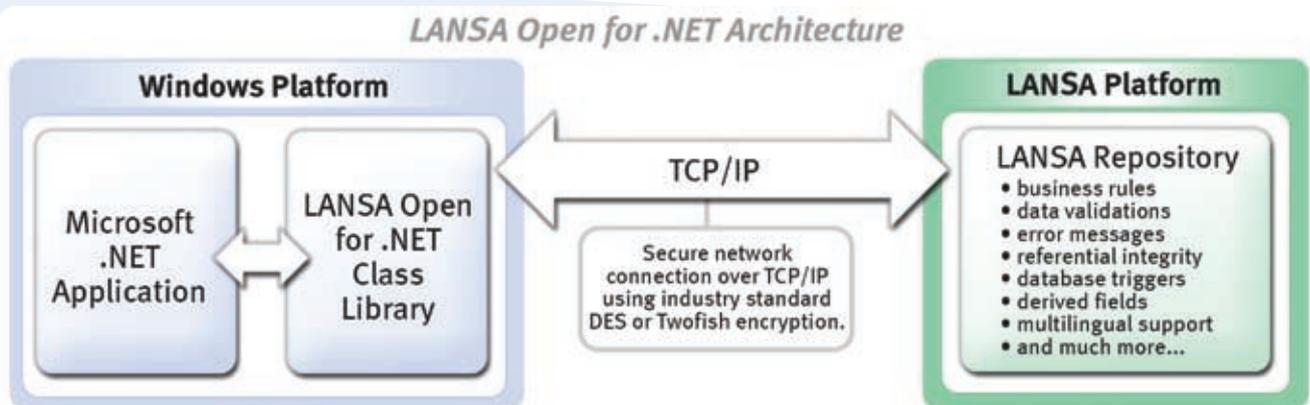
to rigorous System i security checks, data validation and referential integrity checks.

- Secure encryption between Windows and the LANSAs Repository using industry standard DES or Twofish.
- Full .NET CLR 'verifiable'\* class library. LANSAs Open for .NET is not a class library frontend to a non-CLR compliant WIN32 application.
- Small footprint. Deploy as a single DLL within your .NET applications.
- Standardized error handling, tracing and diagnostic capabilities.

### About Microsoft .NET Framework

The Microsoft .NET Framework is a key Microsoft offering that aims to make it easier to develop Windows rich-client and Web applications. Applications can be coded in any .NET language, most commonly C# or VB.NET. The .NET Framework Base Class Library (BCL) covers a large range of programming needs, including user interface and database connectivity. The functions of the class library are used by developers who combine them with their own code.

Programs written for the .NET Framework execute in the Common Language Runtime (CLR), which provides the appearance of an application virtual machine, so developers do not need to consider specific server capabilities. It also handles security, memory management and exception handling. The BCL and the CLR together compose the .NET Framework. ■



*LANSA Open for .NET is shipped as a small and standardized CLR verifiable\* .NET class library that does not require any other LANSAs software to be installed on the .NET client system. The LANSAs Open for .NET Class Library defines the LANSAs Repository interfaces that the .NET developers use to easily access LANSAs Repositories residing on System i and Windows servers.*

\*Verifiable assemblies offer increased security by conforming to requirements that allow the Microsoft CLR to guarantee that the code does not violate current security settings.