

- **Very simple Installation and administration**
- **Integration and total compatibility** with all languages and development tools.
- **Perfect adaptability** : maximum sharing of technologies and resources for both developers and systems.

The interoperability provided by the EASYCOM For .Net solution enables to make any system compatible.

You are able to exchange files with others users operating on different systems.

Applications Portability

- Compatible with .NET managed library, **.NET Framework**, and **Compact Framework**.
- Access to iSeries **databases and native programs**.
- All **ADO.NET objects** are enriched for extended functionalities.
- Code **directly portable** to other types of databases, via generic programming
- on ADO.NET.
- Supports all .NET languages and development tools: C#, J#, C++, VisualBasic.NET, Delphi .NET, ASP.NET ,Windows, Windows Mobile, CE, etc.
- Sends **CL commands** with return of result set.
- Calls native iSeries - AS/400 programs (RPG, CL, or others).
- Calls **SQL stored procedures**, with return of multiple result sets possible.
- Complies with AS/400 integrity constraints
- Use of **transactions** possible.
- **Multithread**.
- **Connection pool management**, for better control of resources with ASP.NET.
- Native **TCP/IP** connection.
- Support for all data types, LOBS and Unicode included.
- Easy installation and administration, integrated into the .NET system.

.NET is a rigorous object-based system, which is not dependent on the machine processor and much more elaborate than the ActiveX system. This hardware independence is based on the virtual processor principle which is also a fundamental principle of the iSeries architecture!

ADO.NET is a set of .NET objects that constitute the new database access standard. This object set enables the execution of queries or programs and the retrieval of a result set in high-level objects (enabling path, filtering, modification, etc.).

Easycom For .NET is a set of objects that inherit from ADO.NET objects, thus ensuring full integration and generic programming. Moreover, this inheritance is enriched with functions specific to AS/400 such as the execution of native commands, for example. As a result, ADO.NET is fully integrated.

Execution of existing native programs

Because iSeries systems have a wealth of native programs written in RPG, COBOL or CL; Easycom For .NET supports all types of program calls, via the standard .NET method. Programs can be 100% native, SQL stored procedures, or native programs integrating SQL (enabling the retrieval of result sets, among other things).

Windows and iSeries programs communicate between themselves, and the developers of the two systems exchange technologies and resources.

Adaptable to changing needs

Development tools are increasingly relying on .NET, which is becoming hard to avoid. Easycom For .NET is open to all these tools, both now and in the future. Current tools include: C#, J#, C++, VisualBasic.NET, Delphi.NET, ASP.NET, Windows, Windows Mobile, CE...

PocketPC, Windows CE, Mobile

Allows applications development for Pocket computer connected with iSeries via wireless network.

Easycom .NET and the Web

The .NET technology is the ideal platform for Internet or Intranet applications. Easycom For .NET makes it possible to fully explore this potential, with ASP.NET and C# programs, for example. The high-performance system for calling AS/400 programs results in perfect coordination between the Web server and the existing AS/400, since the Web application handles the "presentation" and the AS/400 programs ensure the management function.

Easycom For .NET includes a configurable transparent system for managing a connection pool which, combined with the possibility of pre started jobs on iSeries, guarantees optimal performance.

This connection pool management feature facilitates session maintenance and session distribution between threads, and consequently limits the overall OS/400 load by optimizing the number of jobs according to need.

Easycom Technology

Easycom .NET uses Easycom Technology, already found in thousands of AS/400 and iSeries systems, since it has been selected by numerous software publishers and many connectors are already available.