

C# and VB.NET offer superb facilities for connecting to databases through ADO.NET. Unfortunately, connecting to the iSeries through any sort of ODBC or OLE DB connection is slow and doesn't scale well. Although SQL performance has improved on the iSeries slightly over the years, OLE DB and ODBC do not offer the kinds of performance and robustness you need for transaction-based, high volume database access. This leaves C# and VB.NET programmers with the challenge of connecting their language to the iSeries to create enterprise-worthy applications.

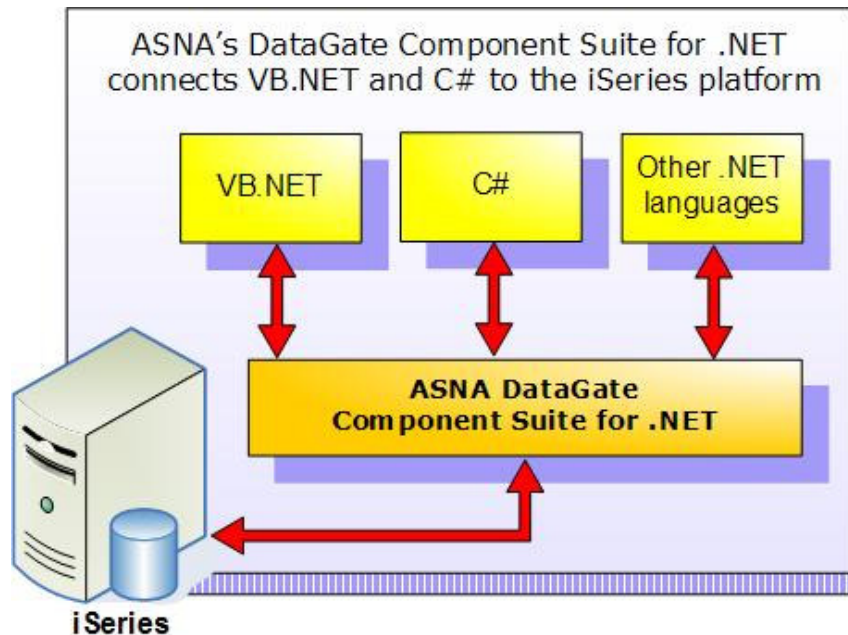
→ ASNA DataGate[®] Component Suite for Microsoft Visual Studio.NET[®]

ASNA's DataGate Component Suite for .NET (DCS) offers the solution to this problem. DCS offers C# and VB.NET a robust .NET assembly that provides fast, reliable and scalable access to iSeries' physical and logical files. It also provides a high-speed program call, allowing C# and VB.NET programmers to easily call OS/400 program objects.

For Web-based and Windows applications, security, and response times are critical issues. DCS provides all this and more, giving your Web and Windows developers secure and fast database access to your iSeries. End users benefit from reliable and secure access to mission critical data; programmers benefit from a simple but powerful programming interface, superb performance and robust security.

100% .NET managed code

The ASNA DataGate Component Suite for .NET (DCS) delivers as a set of classes, packaged in a single 100% verifiable .NET managed assembly. This assembly provides several namespaces as well as the functionality programmers need to get to the iSeries. The DCS classes provide a look and feel similar to that of classes offered intrinsically by the .NET framework. Full support for Intellisense is provided to help improve programmer productivity. In addition, DCS includes an extensive help file and coding examples. A VB.NET or C# programmer can be proficient with the ASNA DataGate Component Suite in a matter of hours.



Capabilities provided by the ASNA DataGate Component Suite for .NET include:

- read/write record level access
- ability to call any OS/400 program object
- full support for all server-imposed security and user authorities
- the ability to dynamically create and copy physical and logical files
- full access to database metadata such as field names, key fields, and library contents
- the ability to dynamically create database connections

Rest assured: it's secured

The ASNA DataGate Component Suite obeys all iSeries-imposed security and user authorities. It doesn't use any "backdoor" tricks and is impervious to hacker attacks. For the iSeries 400, the ASNA DataGate Component Suite also provides a superb interface to the 400's program call (ie, through the Component Suite, you can call OS/400 program objects from your Web and Windows applications-with full CPF error message reporting). These program calls also obey all iSeries 400-imposed user authorities.

Windows, the Web and Web Services

No matter what user interface you're using, be it Windows fat clients, browser-based UIs for Web apps or even Web Services, DCS for .NET connects your VB.NET and C# programmers to your iSeries line-of-business databases. It is a scaleable database management system designed to provide the performance, reliability and security needed by today's Windows, Web and Web Services. Your VB.NET and C# programmers will love how effortlessly and effectively it lets them get work done on the iSeries.

Your business depends on your data access. Depend on ASNA's DataGate Component Suite for .NET to make that access as simple, fast, and reliable as possible.