



AVANADE®



APPLICATION DEVELOPMENT Solution

Create business value through rapid development of new interoperable, manageable, and flexible .NET applications.

Derive the most value from your mission-critical applications by partnering with proven .NET technology experts to rapidly and cost-effectively develop new, extensible applications using the .NET Framework.

In this information-driven global economy, your organization relies on its business applications to maintain a competitive advantage. Regulatory changes, an increasingly virtual workforce, new channel structures, and intense pressure from Wall Street are driving the need to optimize internal processes and improve the bottom line. Your organization must find low-cost ways to rapidly develop the next generation of interoperable, reliable, and more secure business applications.

Create connected business applications by developing in the .NET Framework

Developing applications in the Microsoft® .NET Framework reduces development costs and simplifies integration, with increased business process flexibility.

- ▶ Are your current applications interoperable? Are you able to integrate your disparate systems and applications reliably and securely?
- ▶ Can your current applications reduce operating costs while retaining existing performance and customer service levels?
- ▶ Are your business applications manageable and flexible? Are you able to modify your applications for future growth cost-effectively?
- ▶ Are you able to provide value by adding new capabilities and features to existing applications without overextending your IT budget?

Avanade .NET development expertise

Custom applications deliver competitive advantage by arming your organization with powerful ways to gather, create, and manage information. The .NET Framework and Web services offer much needed flexibility to improve integration and create secure, agile business applications.

Avanade expertise in the .NET environment is unrivaled in the industry. Our teams of Microsoft-Certified System Developers have extensive, real-world experience helping customers strategize, architect, and implement applications using .NET. Avanade has completed more than 1,000 .NET customer engagements with Fortune 500 and mid-market customers, offering an efficient solution for developing applications. Through our .NET project expertise, we have developed proven architecture assets, allowing projects to focus quickly on business problems instead of spending time researching development practices. Avanade possesses the unparalleled .NET expertise and enterprise project knowledge needed to deliver flexible, cost-effective, and powerful .NET applications quickly for your organization.

Avanade Application Development Offerings

Service-Oriented Architectures

By modeling business capabilities and processes as services, service orientation can componentize them, helping to manage complexity, permit controlled change, and support continuous improvement, creating more agile and flexible applications.

Web Applications

Deliver your business applications securely to a wider audience via a Web browser, allowing easier and more cost-effective deployment and maintenance.

Smart Client Applications

Provide rich client features without sacrificing manageability, while easing deployment of new functionality. Smart client applications can be delivered over multiple client devices, both online and offline, including laptops, PDAs, and smart phones.

Mobile and RFID Applications

Achieve real-time, remote communication across a range of mobile and embedded devices. Increase profitability and flexibility by developing scalable, cost-effective mobile solutions and integrating them into your existing systems.

Grid/High-Performance Computing Applications

Build a system that satisfies your need for frequent data processing requests requiring high computing power that may not be available within a single computing system. Exploit your organization's computing systems' processing power in a coordinated manner.

Reduce costs through enterprise-tested architecture assets and methodologies

Through extensive .NET engagements, Avanade has developed a set of reusable, codified, pre-tested enterprise patterns including those in Microsoft's Enterprise Library — the Avanade Connected Architecture® for .NET (ACA®.NET). ACA.NET provides a powerful foundation for the implementation of service-oriented and aspect-oriented architectures which can help our customers create scalable applications with improved speed to market, higher quality results, less risk, and lower long-term operations costs. Avanade has also captured our global .NET development experience in our ACA Development Architecture.

The Avanade Connected MethodsSM (ACM) are a powerful set of methodologies that leverage best practices from the Microsoft Solutions Framework (MSF), Microsoft Operations Framework (MOF), Accenture methodologies, and Avanade project experience. A key component of ACM is the Avanade Estimating Model that helps provide estimating standards that enable Avanade to more consistently and accurately estimate project delivery. ACM for .NET Projects provides a common set of repeatable methods, processes, and tools for guiding and accelerating delivery of Microsoft .NET projects which may result in reduced risk and reliable results.

Customer Case—Indigo Books & Music

Indigo Books & Music Inc., Canada's largest retail book chain, engaged Avanade to redevelop the infrastructure of its online business using the Microsoft .NET Framework. The new framework was built to update online fulfillment capabilities and integrate the system within the retail environment, enabling greater financial integration, improving report management, and enhancing the customer experience.

“When we decided to redevelop our online customer experience, we looked for an integrator that would work closely with our team to provide the guidance and Microsoft expertise we needed to help us optimize our existing investments while planning for the future of .NET,” said Doug Caldwell, Chief Technology Officer, Indigo Books & Music Inc. “Avanade's ACA.NET will improve flexibility, automate processes, and increase profitability by allowing us to focus on the implementation of new business capabilities. Enterprise Library will have a significant impact on our ongoing improvements to chapters.indigo.ca in the coming months.”

About Avanade

Avanade is the leading technology integrator specializing in the Microsoft enterprise platform. Our people help customers around the world maximize their IT investment and create comprehensive solutions that drive business results. Additional information can be found at www.avanade.com.

To learn more about how Avanade can assist you, visit our website at www.avanade.com or call one of our major offices:

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