ArcGIS® provides the foundation for .NET developers to build and deploy geographic information system (GIS) applications and services on the Microsoft® .NET platform.

**Highlights**
- Robust Web Application Developer Framework (ADF™) built on ASP.NET
- Web controls that are specific for building GIS applications
- AJAX-enabled controls built on ASP.NET AJAX technologies
- Tight integration into Visual Studio® 2005 and 2008 integrated development environments (IDEs)
- JavaScript™ libraries providing access to use Web controls in a scripting environment
- Application programming interfaces (APIs) for SOAP and REST to interact programmatically with a GIS Web service
- A mobile developer toolkit to create and deploy mobile client applications
- Developer Windows® Form controls to build or extend custom desktop applications
- Software developer kits (SDK) and dedicated Resource Center Web sites that centralize the various online resources for each developer product

**Desktop Applications**

Create custom desktop applications.
- Build focused geospatial applications with advanced analysis using ArcGIS Engine and the .NET Framework.
- Embed 2D and 3D mapping controls in existing applications using the ArcGIS Engine .NET controls.
- Extend ArcGIS Desktop applications with custom commands, tools, and menus.
- Consume ArcGIS services such as geocoding, mapping, geoprocessing, network analysis, and globe services using the ArcObjects™ API.

**Mobile Applications**

**Build focused mobile GIS applications using the ArcGIS Mobile SDK.**
- Create a specialized mobile user experience for displaying spatial information using a map control and the .NET Compact Framework.
- Synchronize changes between mobile devices and the GIS server.
- Capture and display GPS locations.
- Build tools to create new points and lines and update the shape of existing features on your map.

**Web Applications**

**Create and integrate GIS data and capabilities using the ArcGIS Server .NET Web ADF.**
- Web controls that support the ASP.NET 2.0 callback pattern and the ASP.NET AJAX partial postback pattern
- JavaScript libraries to leverage browser technologies to support client and server synchronization
- A common data source API that allows you to integrate and interact with multiple sources at the same time in your Web application
- Samples, projects, a Web mapping application template, and sample data

**Web Services**

Create GIS Web services and application Web services.
ArcGIS provides two APIs, SOAP and REST, for interacting with ArcGIS Server services as a Web resource. Developers can also use ArcGIS APIs, REST, and SOAP to interact with an ESRI data source through a custom application Web service.

**Supported Platforms**
- Windows XP
- Windows Vista®
- Windows Mobile® 5.0 and 6.0

Learn more about integrating ESRI developer products and tools into your applications.
In the United States, call ESRI at 1-800-447-9778. Send e-mail inquiries to info@esri.com. Outside the United States, contact your local ESRI distributor at www.esri.com/distributors.