Why build Web applications?

Web applications are available to existing and potential customers, remote staff and mobile sales people using any device that supports a browser. Web applications help companies by delegating work to customers (e.g., placing orders via a Web site) thereby reducing the administrative workload. Customers benefit as Web applications are available at their convenience.

As Web applications are available all the time and accessible from anywhere, they extend the potential customer base - the reach of Web applications alone justifies the investment.

The complexities of Web development

Web applications use an architecture that breaks applications into discrete parts, using multiple programming languages and deploying the applications on several layers of technology. For example, HTML and JavaScript in the browser, C# on the Web server, C# or Java on the application server and SQL for the database. The architecture makes Web application development complex, especially for developers with little experience building Web applications.

Example Web application architecture and deployment