

Extracting the best of microsoft



## Business at the pace of thought with Microsoft

### Offerings

- Solutions development
- Web services development and system integration
- Re-engineering services
- Migration services

### Benefits

- Streamlined deployment of application
- Interoperability with diverse systems, including legacy systems
- Enhanced security
- Reliably connects and supports both stationary and mobile devices.

### Bootstrap's Microsoft Capabilities

Bootstrap Technologies is a Certified Partner for Microsoft Corporation.

Bootstrap's services, driven by a highly specialized group of IT professionals, provide customers with a full range of application development, integration and migration services using the Microsoft suite of enterprise products. This delivers for Bootstrap's customers the unbeatable advantages of successful project execution coupled with reduced time to market and enhanced cost effectivity.

Bootstrap has extensive experience in

- Architecting and prototyping enterprise application based on MS tools technologies
- Architecting, designing, developing and deploying large-scale workflow applications based on MS messaging
- Architecture and migration from domains to active directory
- Knowledge management portal implementations using Share Point portal and content management server
- .NET, XML, COM+ and SQL 2000 based enterprise application development
- Application development for mobile applications using Microsoft Tools
- Interfacing with external devices like scanners, handheld, RFID etc., leveraging Microsoft technology
- Application/ data migration from legacy to Microsoft environment

Developers armed with hardware that also acts as web servers to provide a portal into the development process, enable Bootstrap to demonstrate progress and features to customers, collaborating with other crew members on the development team for maximum code reuse. Certified Systems Engineers and Solution Developers (MCSE and MCSD) amply enrich Bootstrap's resource pool.

### Bootstrap Microsoft Competency Center

Bootstrap has established a special competency center to spread knowledge and promote best practices for Microsoft Technology. Bootstrap's Competency Center is focused on .NET. This group offers consulting, development, integration and post-implementation services for solutions developed on .NET. The Microsoft.NET platform demonstrates a paradigm shift in the way applications are developed for the Internet. It incorporates open standards that enable businesses to collaborate over the Internet with minimal investment.



**Microsoft**  
CERTIFIED  
Partner

Microsoft capabilities

## Core strengths of the Microsoft Competency Center include:

- Large talent pool with expertise on .NET, garnered through extensive training and live customer projects
- Rich experience in development and deployment of web services
- Expertise on .NET remoting over the Internet
- Large repository of comprehensive training material, technical papers, best practices, case studies and solutions
- Research and development of reusable components

## Bootstrap's Microsoft offerings include:

### Solutions Development

The scope of the service encompasses development of applications using Visual Studio, .NET and .NET framework, deploying any of the .NET languages. The applications can be web-based, client-server based or on mobile devices like cellular phones or PDAs.

### Web Services Development and System Integration

This service enables development of web services using the .NET framework as well as the SOAP toolkit. Solutions that address issues of interoperability of web services, transaction handling and security of web services are successfully deployed. System integration using web services and wrap-up of existing applications with web services are also an integral part of the offering.

### Enterprise Application Integration using Web Services

Bootstrap implements enterprise application integration using web services based on the .NET framework.

### Re-engineering Services

Bootstrap offers services for re-engineering applications to .NET from legacy systems, non-Microsoft technologies and other Microsoft technologies.

### Migration Services

Bootstrap migration services include migrating and re-engineering mainframe applications, several technology web and desktops applications to .NET and other Microsoft products like MS Exchange server etc.

### The Bootstrap Microsoft technology skill set includes:

#### Programming Languages

C#, .NET VB, C++, C, Microsoft Visual Basic, VBA, Microsoft Foundation Classes (MFC), Win 32 SDK

#### Internet Scripting Languages

HTML/DHTML, ASP, VBScript, JavaScript, XML/XSLT

#### Integrated Development Environments

Microsoft Visual Studio, Microsoft .NET Visual Studio Rational Rose

#### Databases

MS SQL Server 7.0 2000, MS Replication, OLAP, SQL Server IIS Integration



#### Middleware

Microsoft Transaction Server (MTS), Microsoft Message Queue Server (MSMQ), Microsoft BizTalk Server, Share Point Portal, Microsoft exchange Server

#### Internet Web and Application Servers

Internet Information Server (IIS), Custom developed Server using Microsoft .NET, Microsoft Office Live Communications Server 2003

#### Integration Standards

Microsoft Active Directory, COM/DCOM/COM+, SOAP, XML, Microsoft DNA, Microsoft .NET

#### Architectures

Client/Server, Distributed Systems, Multi-tiered Systems, Enterprise Integration, Concurrent Processing, Multi-threading

#### Software Development Methodologies

Bootstrap Process, Object Oriented System Development (OOSD), Rapid Application Development (RAD), Spiral & Iterative SDLC

#### Security

Internet Security and Acceleration (ISA) Server, SSL, Key Management & Digital Certificates, RSA and DSA public key (asymmetric) encryption, SHA1, DES, Triple DES, and RC2 private key (symmetric) encryption

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