

## **.Net Practice @ RadixWeb**

Radix is into the practice of developing and maintaining Microsoft.NET based applications since past **2+ years**. With an efficient and highly skilled team capable of handling the projects, Radix presents itself as a strong contender for developing Microsoft.NET based application with considerable size and complexity.

Some of the key areas demonstrating our capabilities in this practice are as provided below.

### ***Development Environment***

All the development systems are equipped with necessary tools/utilities to carry out .NET based development.

The key tools installed include but not limited to:

- Development Tools (Based on project Requirement)
  - MS Visual Studio 2005
  - MS Visual Studio 2008
- .NET Framework 1.1, 2.0, 3.5
- MS Visual Source Safe Client
- DBMS Clients (Based on project Requirements)

### ***Testing Server***

The environment consists of separate server for deployment of demo or testing versions with full time Sr. Network & Infrastructure Manager & 2 Jr. Engineers to assist on network/connectivity and infrastructure related issues. The updated versions of the developed applications are regularly deployed on testing server which is utilized for internal as well as client testing.

This environment helps the customer and end-user to test the application over internet and provided their feedback/comments.

### ***Database***

We provide various options on database to the customer based on their requirements and production environment details.

The current offerings for databases include

- MS SQL 2000
- MS SQL 2005
- MS SQL 2008
- Oracle 9i
- Oracle 10g
- MySQL

Radix has maintained its expertise in managing these database systems to fulfill customer's expectations.

## ***Source Controls***

Radix understands the importance of Contingency Planning and hence considers mandatory use of source control applications for all the development work undertaken. For the Microsoft.NET practice, Radix uses Microsoft Visual Source Safe tool for the source control requirements.

Radix maintains a separate Source Control Server to for Visual Source Safe and implements scheduled backups of the server as a part of Business Contingency Planning.

## ***Coding Standards***

Radix Microsoft.NET Practice recommends and uses Microsoft .NET Library standards as a part of naming conventions guidelines. This helps in standardization of the code and ease of readability for the reviewers.

Moreover, we also believe in maintaining appropriate code to comment ratio for all the source code generated.

## ***Other Best Practices***

Radix believes meeting and exceeding the customer expectations by making use of standard, best in industry practices for solution development. Few of the highlighted items we use as a best practice are as follows:

- Using Microsoft Enterprise Libraries encapsulate the Microsoft recommended best practices for .NET applications.
- Using Open Source tools like Cruise Control which is an automated build and integration server.
- Using NUnit as a unit-testing framework for .NET based application on client request.
- Using Standard 3-Tier Architecture for application development in order to provide the necessary flexibility, scalability and performance gain to the application.
- Maintaining standard templates for logging issues, client clarifications,
- Application Features, etc.