



To succeed in business it is necessary to make others see things as you see them.

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SOA and Business Process  
Business Intelligence  
Mobility Solutions  
Custom Development Solutions

## Online Gaming Portal

### Abstract

Gateway developed an Online Gaming Portal for a Gaming company. The e-shop integrated gaming website provides rich functionalities like content management, online payment, game tournaments, schedules, etc.

# Case Study

## Client Profile

The client is an aggressively growing online gaming company that provides online players with everything they need to get the most from their favorite games. The revenue generation model of the client is mostly though the rich functionality of the e-business environment.

## Business Need

The requirement was to develop a Web Based Online Gaming Portal covering the following major modules:

- Front Office
- Back office
- User Management
- Third Party Game Attachment
- Sponsor Site Management
- Language Management

## Solution

On the basis of the features required by client and also to have compatibility in terms of the technology, we proposed the Microsoft.Net 2.0 based solution with the UI powered by Microsoft Atlas 1.0.

### Salient Features:

- CMS for easy addition of content
- Extensive Web Admin for the portal management
- Integrated E-Shop for gaming merchandise
- Powerful web interface for to manage Game Accounts, Tournament Management, User Account, Affiliate Management, Customer Support Module, billing, statistics, reports etc.
- Report Module- set of reports generated by the portal for the admin to view.

- Schedule Management for scheduling tournaments and games through out the portal
- Approved and Secured Random Number Generation Logic & Play Logic
- 24 x 7 Support for gaming applications
- High Quality Graphics, Implementation of various Game engines
- Linux Clustering & Scalable architecture that allows for distributed deployment on multiple servers
- Secured Random Number Generation Logic & Play Logic
- Integrate Game play through Mobile, Desktop and Browser (Applet Based) for synchronous gaming experience

### Application Features:

- User Login
- Leader boards
- Tournament Plays
- Online Payments
- Jackpot Plays
- Sweepstakes
- Fun Money
- Real Money
- Portal Prizes
- Sponsor Prizes etc
- Tournament Options
- 128 Bit Encryption and Decryption for all information exchange between Game Client and Server Engine
- Game Rules Definition
- Financial Management
- Billing Statistics

# Case Study

- Rake Structure Definition
- Sponsor Management
- Theme based UI Support
- Web parts based UI Segments
- Messaging based Clustered Environment

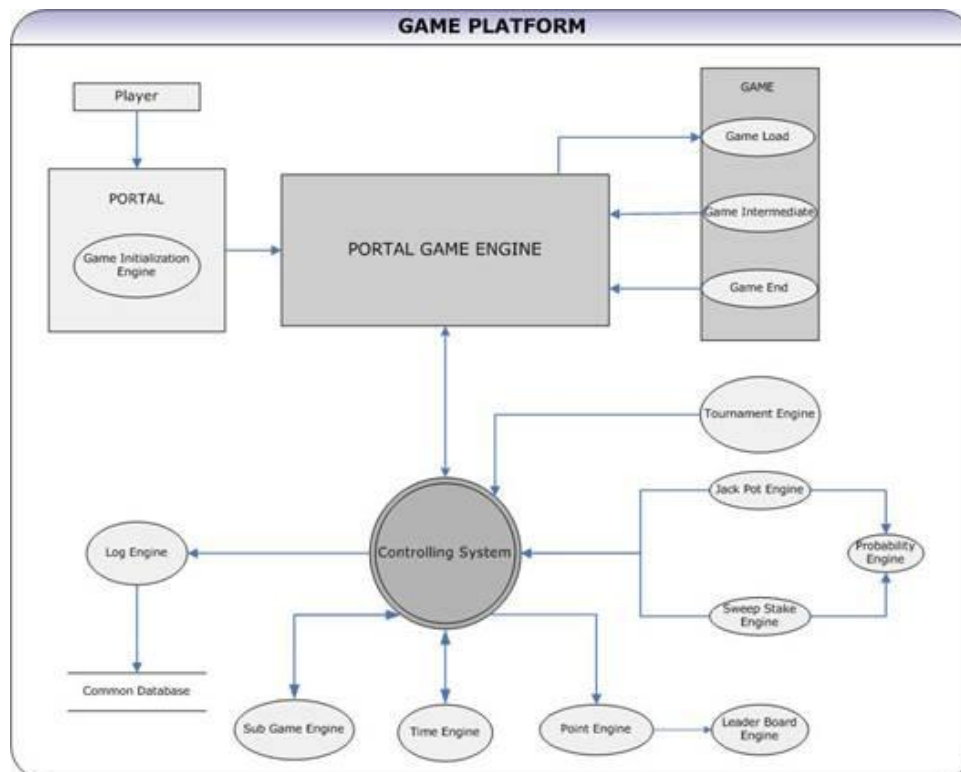
## Challenges

- To provide a rich graphical user interface for users to have desktop like UI while using the web application
- Look and UI Support similar to Google Personalized Pages or Netvibes.com was to be achieved
- Cross Browser Compatibility was required
- Quick Response time, internationalization to be supported

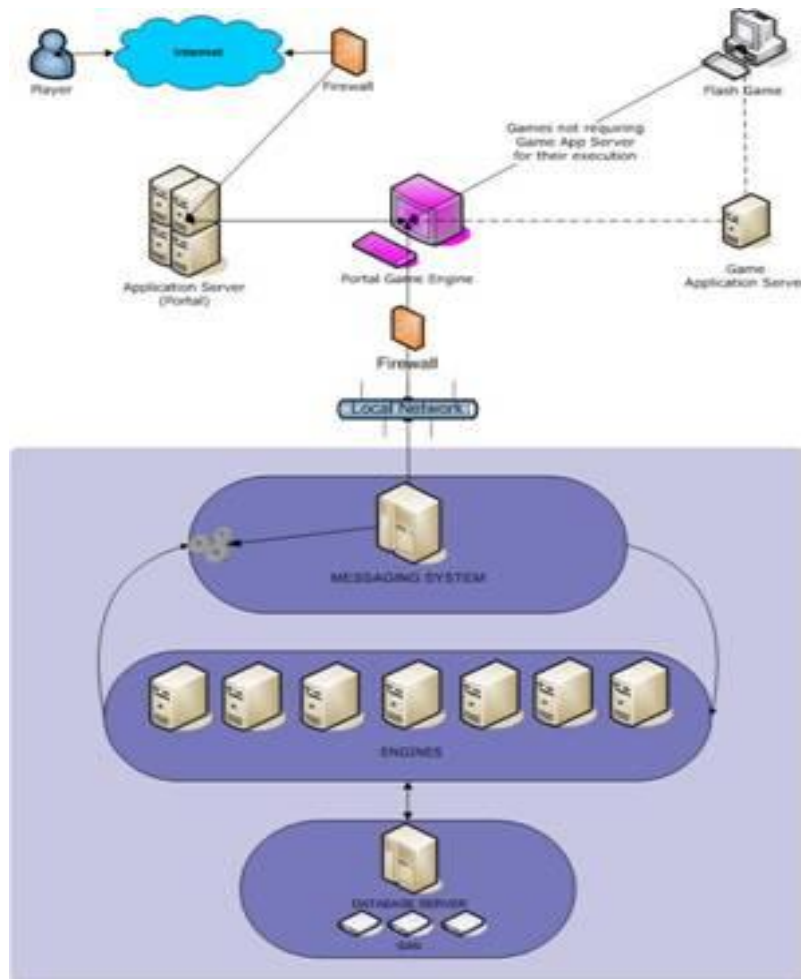
## Architecture

## Technology

- HTML/DHTML
- .NET 2.0 (ASP.NET, C#)
- Java Script
- XML
- MS SQL 2005
- Web Services with WSE 3.0 and SAML 2.0
- Microsoft Transaction Server for Messaging
- Microsoft Atlas 1.0



# Case Study



**Gateway TechnoLabs** defines designs and delivers IT-enabled business solutions that help Global 2000 companies win in a flat world. These solutions focus on providing strategic differentiation and operational superiority to clients. Gateway creates these solutions for its clients by leveraging its domain and business expertise along with a complete range of services

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