



MICROSOFT

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Your expert **Microsoft** Service Provider

On-Site/Offsite



RPL's MICROSOFT Services Offerings

Resource Point LLC (RPL) has over seven years of experience in providing complete stack of turn-key solutions for your web based enterprise development and desktop application development needs using Microsoft Technologies. We can architect and construct full blown enterprise database driven E-Business applications or develop a portion as needed basis. We take pleasure in developing innovative solutions that meet your requirements and budget.

RPL provides analysis, software architecture, design, development and deployment services in Microsoft Technologies and Agile development processes such as SCRUM and XP. Finding the right solution to solve complex business issues often requires a combination of commercial "off-the-shelf" software and custom software development in order to create a solution that fits your unique way of doing business.

Stringent quality procedures clubbed with benchmarked practices and experienced delivery skills help clients get maximum return on their IT spending.

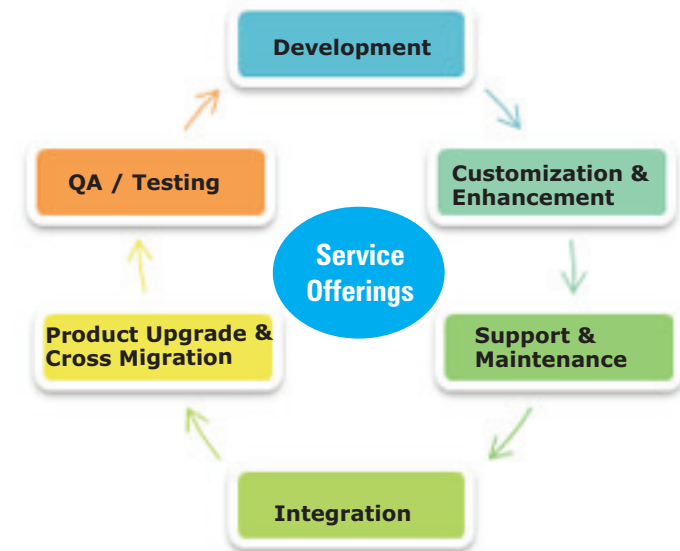


We approach solution development from a business perspective. We partner our senior consultants with clients to identify goals, problems, and opportunities. Our designs consider target user groups, impact on the internal organization, workflow processes, and technology infrastructure. Our solutions provide business-to-business and system-to-system integration using commercial applications, custom application/database development, and networking and infrastructure services.

Our application development consultants specialize in developing solutions based on Microsoft's .NET Development Platform, Enterprise Solutions and Windows Server Systems that includes:

RPL's Microsoft Technology Expertise – Key areas

- Languages** : C#, VB.Net, Visual Basic, Visual C++, VBA
- Web Technologies** : HTML, ASP, VB Script, ASP.Net, .NET Framework, DotNetNuke and Silverlight
- Databases** : MS SQL Server 7.0/2000/2005 and MS Access 2000/2003
- Middle Tier** : COM+, DCOM
- ERP** : Dynamics NAV(NAVISION), Dynamics AX(Axapta)
- CRM** : Dynamics CRM, Integration with MOSS
- Messaging** : MS Messaging Queue (MSMQ)
- Communication** : .NET Remoting, Web Services (SOAP/HTTP), Windows Mobile 6.1
- Testing** : MS Application Test Center, MS web application stress tool
- Documentation** : NDoc, VBX commenter, Documenting tools
- Servers** : MS SharePoint Portal Server, MS Exchange Server, Content Management Server, BizTalk Server, Commerce Server, IIS
- Other Tools** : MS Windows Workflow Foundation, MOM, MOSS, Microsoft CRM, Windows Forms, MS Project, MS Visio Architect and MS Office



RPL .Net Services

RPL specializes in migration, conversions, development and maintenance of business applications. We have expertise and skills to achieve the objectives in a quicker, cleaner, cost-effective and reliable manner. Put our experience and expertise implementing Microsoft Technologies to work for you.

RPL has developed and maintained several applications including the following on .NET platform.

- Accounting applications
- Customer relationship management
- Product/inventory applications
- Warehousing applications using hand-held devices
- Web sites
- Value chain/supply management
- Integration with partners through the Internet
- XML Web services
- PDA (hand-held) applications



With Custom Application Development, you can see through your business strategies to the end, especially when packaged software does not adequately address your requirements. Application Development Outsourcing ensures that geography no longer poses a hurdle. In fact, application outsourcing is a burgeoning industry in itself.

RPL delivers Microsoft.NET Custom Application Development solutions within the context of your business objectives and strategies.

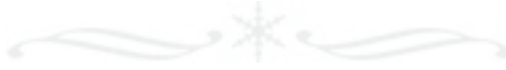
We work with you to:

- Outline the solution
- Define the solution architecture
- Develop prototypes for demos to users
- Design the framework of the solution
- Build the solution
- Validate the solution against requirements
- Rolling out the solution across Your organization
- Continuous support for the solution

Our Microsoft.NET Custom Application Development approach:

- Predefined methodologies and frameworks
- Structured and managed requirements definition process
- Process-oriented development methodology
- Strong focus on quality
- Rigorous program management processes

RPL's Global Delivery Model is a virtual platform for custom application development and application outsourcing. This, combined with our extensive Microsoft.NET domain expertise and over 100s of person years of experience, is uniquely positioned to help you extract maximum value from your Microsoft.NET custom application development outsourcing and solutions.



Microsoft .NET architecture key features implemented:

- Enterprise Application - N-tier architecture.
- .NET Remoting Architecture (using TCP/HTTP protocol).
- Microsoft Message Queuing (MSMQ) for asynchronous message delivery.
- Active Directory Service Interface (ADSI) for organization level user access control.
- Windows Services for background processes.
- Web Services using XML - SOAP/HTTP.
- Advanced ADO.NET features.
- Centralized Exception/Error handling.
- Ajax Implementation Of .Net.
- PDF-TO-TIFF Conversion.
- Web Service Extensions, SOAP customization, XSD usage
- Enterprise Services (distributed transactions)
- Custom Remoting (marshalling, channeling, security)
- Reflection (dynamic emitting of assemblies, CodeDOM, custom attributes, auto generation of Web Service proxy)
- App Domain management (custom assembly resolving), Garbage collection,GAC.
- Use of Enterprise Instrumentation Framework
- Reporting (Crystal Reports, Microsoft SQL Server Reporting Services)
- WinForm (custom controls, asynchronous data and message processing, custom designers, XP look-n-feel)
- WebForms (custom frameworks, controls, caching, client dhtml-to-webservices collaboration, XML/XSLT)
- WinServices (complex multithread processing)
- Security (windows authorization, code access permissions, cryptography usage)
- COM Interop, PInvoke, IE, MS Office and shell integration
- Multithreading (synchronization, thread-safe UI, thread pooling, com interop apartments management)
- Serialization (custom, selective, versioning support)
- Deployment (web deployment, auto-upgrades)
- Globalization (multi-language application support)
- Configuration (custom section handlers)
- Compact Framework (Web services collaboration, SQL Server CE)
- Detached database processing (advanced Dataset management, caching, synchronization, automation of data access layer)



Database Design and Business Intelligence

- Microsoft SQL Server 2008/2005/2000
- Microsoft SQL Server Reporting Services
- Microsoft SQL Server Analysis Services

Application Development Tools, Platforms and Processes:

- Microsoft .NET Framework 3.5/3.0/2.0/1.1
- Microsoft Visual Studio® 2008/2005/.NET 2003
- C#, Visual Basic.NET, XAML
- ADO.NET

Microsoft Message Queuing Service:

- COM, DCOM
- COM+ Services
- Enterprise Library, Smart Client Software Factory, Architectural Guidance Software Factory
- LINQ, NHibernate, Log4Net, NLog, NUnit
- Windows 2008/2003/2000, Vista/XP/2000

Business Workflow and Content Management:

- Microsoft BizTalk®
- K2, Skelta
- Microsoft Dynamics CRM 4.0/3.0
- Windows Office SharePoint Server (MOSS) 2007
- Microsoft InfoPath
- Microsoft Dynamics GP/Great Plains 10.0/9.0

Microsoft.NET 3.0/3.5 Platform:

- Windows Presentation Framework (WPF) and Silverlight™
- Windows Workflow Framework (WF)
- Windows Communication Framework (WCF)



Web Development

- AJAX, JavaScript, JQuery
- HTML, DHTML, XML, XSLT
- ASP.NET, DotNetNuke
- Microsoft Internet Explorer, HTML Components (Behaviors)
- Cross-browser Support

RPL DotNetNuke Services

DotNetNuke is the ideal platform for building professional websites with dynamic content and interactive features. DotNetNuke is a web application framework that gives you the power to develop all sorts of web applications. Visual Studio 2008, or Visual Web Developer.

DotNetNuke is an open-source Web Application Framework ideal for creating and deploying projects such as commercial websites, corporate intranets and extranets, online publishing portals, and custom vertical applications. DotNetNuke is designed for use on the Microsoft ASP.NET 2.0, 3.0, and 3.5 platforms using Visual Studio 2005,

RPL consultants are experts in the development of these applications. Our expert team of developers can handle a wide range of projects, from profiles to reservation systems, and everything in between. RPL DotNetNuke services include:

- Deployment and Setup
- DNN Modules Development
- Skinning
- Front-end user training



Microsoft SharePoint Services

Microsoft SharePoint Portal enables business to make significant improvements in key areas of information technology.

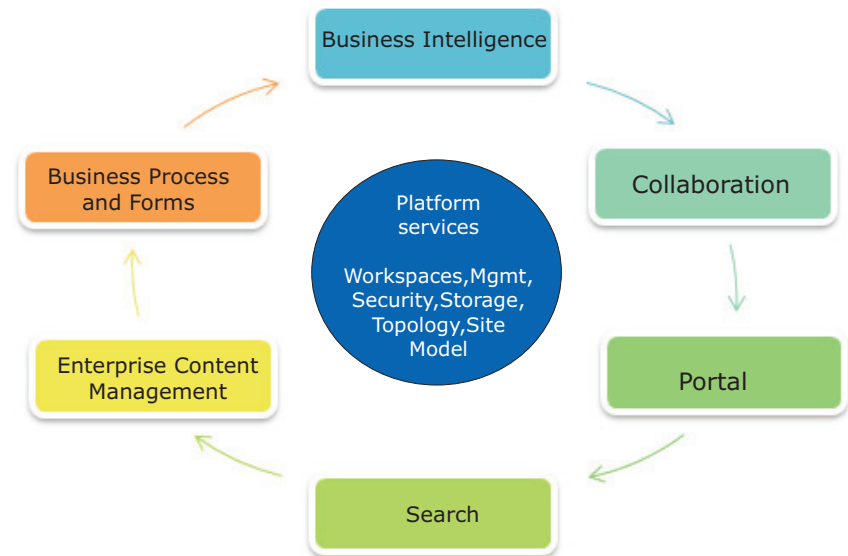
SharePoint Server is tightly integrated with familiar client desktop applications, e-mail, and web browsers to provide a consistent user experience that simplifies how people interact with content, processes, and business data. SharePoint Server makes it easy to create live, interactive business intelligence (BI) portals that assemble and display business-critical information from disparate sources, using integrated BI capabilities such as dashboards, web parts, scorecards, key performance indicators (KPIs), and business data connectivity technologies. Centralized Report Center sites give users a single place for locating the latest reports, spreadsheets, or KPIs.

Key SharePoint Features used:

- Out of the box intranet and extranet
- Simple document management
- Powerful indexing and searching
- Document versioning
- Single sign-on
- Alerts and audience targeting
- Public and private My-Sites
- Easily customize through web-parts
- Scalable up to 1 million users

RPL's team can assist to:

- Build business portals with the following benefits:
 - Easily harness collective intelligence (BI)
 - Accelerate productivity.
 - Provide a framework for collaboration such as wikis, blogs, e-mail integration, among other features.
 - Monitor organized "health" of the business
 - Automate and reduce the costs of common business tasks
 - Improve customer and partner relationships
- Build compliance (Governance) into your organization's processes or set of roles, responsibilities, and processes that are put in place in an enterprise to guide the development and use of a solution with the following benefits:
 - Protects the enterprise and to reduce risks.
 - Greatly increases the usability of the solution.
- Manage enterprise-wide content in order to simplify internal and external collaboration with Intranet, Internet and Extranet applications. Some the benefits are:
 - More organized information
 - Through Enterprise Search you will be able to quickly discover and locate people and information.



Microsoft BizTalk Services

As organizations move towards a Service Oriented Architecture (SOA)/Enterprise Service Bus (ESB), the goal of creating effective business processes that unites disparate systems into a single working unit has become attainable with Microsoft BizTalk Server 2006. Combining different systems into effective business processes is a challenging problem, that RPL's Microsoft BizTalk Server Consulting team is adept at solving.

RPL Senior Architects can help you to introduce BizTalk Server into your IT environment and architect a solution to integrate your systems by:

■ RPL practice include the expertise on the following SOA principals:

- Real-Time ESB
- SOA Dev-Time Governance
- SOA Run-Time Governance
- SOA Registry/Repository
- Web Services Interoperability
- J2EE-.NET Interoperability
- Web Services API Design



■ To develop and implement the following enterprise solutions:

- BAM : Business Activity Monitoring
- BPM: Business Process Management

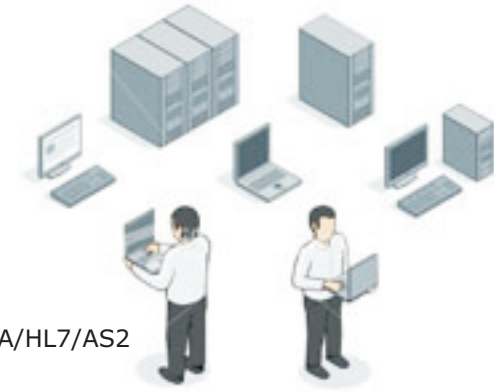
■ To develop and implement the following enterprise solutions:

- BAM : Business Activity Monitoring
- BPM: Business Process Management

■ To develop and implement data exchange solutions such as Electronic Data Interchange (EDI) with several specifications such as HIPAA/HL7/AS2

■ RFID applications

■ To develop and implement Business Intelligence Systems



RPL's Microsoft BizTalk Server Consulting team uses several other technologies in concert with the engine, including:

- A Business Rules Engine that allows evaluating complex sets of rules.
- A Health and Activity Tracking tool that lets developers and administrators monitor and manage the engine and the orchestrations it runs.
- An Enterprise Single Sign-on facility, providing the ability to map authentication information between Windows and non-Windows systems.

Key Features implemented:

- Embodies the integration and automation capabilities of XML and Web Services Technologies
- Supports more than 100 adaptors which connect directly into accounting systems
- Gives full support for EDIFACT, SAP and other up-to-date information formats and applications
- Automatic linking between e-business partners.

Microsoft Database Services: SQL Server & MS Access



RPL offers database using SQL Server or MS Access to help your business grow and become more efficient. From helping your business create a database with proper structure and constraints, to making data available over the internet, RPL has the background and experience to build the proper custom solution.

SQL Analysis, Design and Development Services

RPL provides custom SQL Server analysis, design, upgrade and development services for SQL Server 6.5 / 7.0 /2000 and 2005. Performance, scalability, and reliability are essential; cost and time to market are always critical. RPL SQL Server Consulting services can help you establish a strong SQL Server database foundation for maintaining enterprise-scale application quality. Microsoft SQL Server 2000 and SQL Server 2005 provide robust data modeling, management and analysis capabilities, allowing your organization to adapt quickly to evolving business needs.

RPL provides custom database application consulting and design-build engineering services on the Microsoft Internet platform: SQL Server, .NET Smart Client, SQL Reporting Services (SSRS) and SQL Analysis Services (SSAS).

RPL services include:

- Data Base strategy
- Data Modeling
- Assessment and Review Services
- Planning, Architecture and Design Services
- Application Development/Custom Solution Services
- Data Base troubleshooting, SQL Server Optimization, Performance Tuning and Administration.

MS Access Analysis, Design and Development Services

RPL has Microsoft Access database consultant experts on staff with years of experience to help you build custom business applications in every version of MS Access, from MS Access 1.1 through MS Access 2002, (MS Access XP).

RPL services include:

- Proof-of-Concept/Prototyping Services
- Custom MS Access Solution Services
- Troubleshooting, Optimization and Performance Tuning.

Microsoft Silverlight

Microsoft Silverlight powers rich application experiences and delivers high quality, interactive video across the Web and mobile devices through the most powerful runtime available on the Web.

RPL Consultants offers development services for rich internet applications (RIA) based on Microsoft's new Silverlight technology. Our Silverlight experts deliver Web applications that include rich content such as vector-based graphics, 2D animation, and audio and video playback.

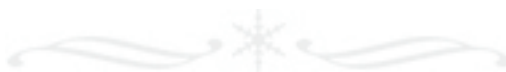
Using Silverlight allows our consultants to deliver solutions that are cross-browser and cross-platform. Whether your users run Windows, Mac, or Linux (using Moonlight technology), or whether your browser is Internet Explorer®, Firefox, or Safari - we deliver a new interactive experience to all of them with our applications.

SQL Reporting and Analytic Services

RPL consultant expertise ranges from simple to complex canned reports using SQL Reporting Services or Crystal Reports, Grid reporting controls, to more advanced SQL Analysis Services solutions to enable pattern and trend discovery.

In addition, RPL consultant expertise provides:

- Static Reporting Solutions
- Interactive Reporting Solutions
- Data Analysis BI Solutions



RPL's software engineers build Silverlight applications that deliver a high level of functionality and a great user experience. Here are a few solution types where we can help you to take the most of the Silverlight technology:

- Multimedia Applications
- Presentations
- Web Widgets
- Surveys
- Software as a Service (SaaS) applications
- Silverlight Control Developments such as reusable controls based on XAML+C#



Microsoft Dynamics NAV (Formerly Navision)

Microsoft Dynamics® NAV (formerly Microsoft Business Solutions – Navision) is an enterprise resource planning (ERP) system for small and mid-sized organizations. It helps you simplify and streamline your highly specialized business processes, rapidly adapting to the unique way you do business. Through simplified customization and ease of use, you can easily add functionality, custom applications and online business capabilities. Microsoft Dynamics NAV enables your people be effective and your business to be competitive.

RPL experts will devise back-end financial, supply chain management, and e-commerce solutions for manufacturing and distribution environments. In addition, through our Microsoft Dynamics NAV-based industry solutions, we can help you lower costs, adopt best practices, and gain a complete business solution for life sciences, process manufacturing and distribution (food, chemical, plastics), project-based manufacturing, and industrial equipment (manufacturing, distribution, services).

Microsoft Dynamics AX (Formerly Axapta)

Microsoft Dynamics® AX (formerly Microsoft Business Solutions - Axapta) is a multi-language, multi-currency, enterprise resource planning (ERP) solution with core strengths in manufacturing and e-business and strong functionality for the wholesale and services industries. Its comprehensive functionality, scalability and flexibility enable mid-sized and large multi-national companies to take advantage of opportunities to grow their businesses.

RPL consultants can develop tools that integrate with Microsoft Dynamics AX to provide enhanced functionality and deliver even greater business value to you. As your partner, RPL ensures your success through our:

- Expertise in multi-country and site implementations
- Our consultants and developers located worldwide, have expert knowledge of all aspects of international implementations. This includes an understanding of infrastructure, technology, language and business guidelines (e.g. accounting and tax laws).
- Proven implementation methodology
- Based on best practices our methodology ensures on-time, on-budget, secure implementations.
- Industry expertise: Our experts have knowledge of implementing Microsoft Dynamics AX in many industries including process manufacturing, distribution, equipment leasing, food and beverage and life sciences.

Microsoft Dynamics CRM

Microsoft Dynamics® CRM is a fully integrated customer relationship management (CRM) system. This CRM system gives you the capability to easily create and maintain a clear view of customers from first contact through post sales and service. With tools to enhance your company's sales, marketing, and customer service processes—along with native Microsoft Office Outlook integration—Microsoft Dynamics CRM delivers a fast, flexible, and affordable solution. It is easy to deploy, customize, and use, being accessible from Microsoft Outlook and the web.

RPL has the expertise and dedicated resources to help you develop and implement a CRM strategy that meets your business objectives. Our team members have in-depth product knowledge and years of experience implementing this solution for clients across the globe.

RPL provides seamless, fully integrated coordination between your sales, customer service, and field support teams—enabling anyone in your organization with customer-facing responsibilities to deliver consistent, efficient customer service.

RPL helps small to medium size businesses nationwide implement Microsoft Dynamics CRM. We have been helping our clients implement CRM systems since 2000. Beginning in 2003, we've focused exclusively on Microsoft CRM with the release of Microsoft CRM 1.0.

Here are two key factors that influence the success of your CRM project:

- Pick the right CRM system
- Choose the right Service Partner

We propose our clients to implement Microsoft CRM for the following reasons:

- Client's Sales, Marketing and Customer Service staffs all use Microsoft Outlook, Microsoft CRM runs natively in Microsoft Outlook - providing a familiar and intuitive work environment that fosters maximum user adoption and productivity. **"Easy and convenient to use"**
- Their IT strategy for the next few years is to run Microsoft, Microsoft CRM is built on the scalable and secure Microsoft .NET platform and leverages standard tools and technology - allowing the client to take advantage of their existing IT investments and in-house expertise to minimize total cost of ownership. **"Less administration, customization and integration cost".**



Microsoft Exchange Server

RPL has a team of Exchange experts capable in:

- Microsoft Exchange SDK based development and Customization
- Installation and configuration of Microsoft Exchange Server 2007
- Upgrades and Migrations from previous versions.

Our Exchange best practices often call for the following 4 step consulting engagement:

- Microsoft Exchange Server Readiness Assessment
- Microsoft Exchange Server Implementation
- Comprehensive Microsoft Exchange Server Test
- Post Implementation - Microsoft Exchange Server Support

Microsoft Commerce Server

Microsoft Commerce Server is a comprehensive e-commerce solution designed for building or extending transaction-based sites with capabilities for catalogue management, order processing and merchandising.

RPL has the expertise to integrate and customize Commerce Server to ensure a scalable, secure and easy-to-use website. RPL has developed and implemented the following:

- Catalogue management
- Order processing
- Merchandising
- User profiling
- Localization
- Content targeting
- Multi-language
- Advanced business analytics



VC++, EVC Development

RPL has successfully delivered products for Services, Telecom, Space science and Mobile computing industries using C/C++/VC++ and EVC technologies.

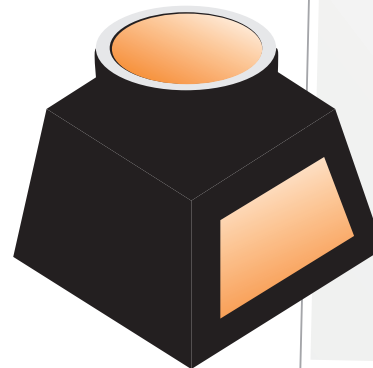
Key features implemented:

- Object Oriented Approach using Rational Rose to develop applications.
- Implemented UPNP (Universal Plug N Play) protocol to control home appliances using Internet
- Development of COM objects which provides Custom User interface for windows application.
- COM objects Library for integration with Outlook and Outlook express.
- Product development based on Plug-in architecture.
- Programming for embedded devices.
- Internals of offline file synchronization on Windows 2000 platform.
- Development of Framework Library for VX Works embedded platform.



RPL Systems is committed to provide quality MICROSOFT consulting/offsite development services with a unique combination of global resources and extensive Development/ implementation experience. We understand our Client business objectives and effectively manage the implementation & deliver solutions tailored, specifically to the need.

For Further information on our microsoft services, please contact:



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