

An IT Services and Consulting Company



Introducing Covalense

Covalense is a dependable partner to grow a technology business. An IT services and consulting company, Covalense provides integrated services and solutions to ISVs in Australasia and two of the Fortune 500 Companies.

Through a low risk delivery model, Covalense offers solutions in Application Services, BI & Enterprise Reporting, Re-engineering & Migration, Application Testing, Application Management and Consulting Services.

Covalense is a Microsoft Certified Partner and has an established Microsoft competency practice focused on developing cutting edge solutions that help customers leverage the power of Microsoft technologies.

Covalense aligns the technology with processes and practices and its delivery model offers a matrix of onsite and offshore development covering the technology implementation, software consulting, operations and the overall outsourcing value chain.

Covalense .Net Competencies

- **Application Development**
Web based client-server and mobile technologies solutions in Visual Studio.NET and .NET framework.
- **Application Integration using Web Services**
Implementation of application integration using web services on .NET framework.
- **System Integration & Web Services Development**
Development of web services in .NET and SOAP toolkit; system integration using web services; solutions for interoperability of web services; transaction handling and security in web services; wrapping up applications with web services.
- **Re-engineering Services**
Re-engineering from legacy systems, non –Microsoft and other Microsoft technologies to .NET
- **Application Migration**
Migration of desktop and web applications to .NET
- **Business Intelligence Solutions**
SQL Server based BI solution development.

Microsoft Capabilities

- Enterprise Application Development in Microsoft.NET, XML, COM+ and SQL 2005.
- Architecting and prototyping applications based on MS Tools Technologies.
- Architecting, designing, development and implementation of workflow solutions based on Microsoft Messaging.
- Application and Data migration from legacy to Microsoft technologies.
- Active Directory Design and migration Domains to Active Directory.
- Enterprise application Integration using BizTalk.
- Employment of Microsoft technologies in interfacing and integration with smart devices and handheld RFID devices.
- Mobile application development in Microsoft framework.
- Use of SharePoint Portal and Content Management Servers in building and implementation of Knowledge Management Portals.
- Database design practice in Microsoft SQL Server 2000/2005 and all its related servers (SQL Server Integration Services, SQL Server Analysis Services, and SQL Server Reporting Services).
- Data mining and predictive analytics leveraging Microsoft SQL Server Analysis Services (SSAS) 2005 to provide the business intelligence (BI) needs of any organization.

Microsoft Competency Practices

Microsoft.NET Technologies

- Microsoft .NET Application Development with flexibility to add on more modules for greater functionality.
- Customised Portal Services to get existing applications onto Microsoft.NET platform.
- .NET Remoting for building highly scalable object oriented distributed applications.
- .NET Mobile Applications development in enabling .NET applications to a wide range of mobile handheld devices.

Enterprise Applications

- Migration from legacy platforms to Microsoft Exchange 2000/ 2003/ 2005.
- Use of Microsoft .NET framework, design patterns, reusable objects for development in Enterprise Applications.
- Develop, deploy and upgrade e-commerce applications through employment of Microsoft Commerce servers.

Microsoft SQL Server Reporting Services

In competitive marketplace, organizations need to extend information for effective and real time interaction with their customers, partners, and suppliers. Microsoft SQL Server Reporting Services enables the organizations to transform valuable enterprise data into shared information for timely decisions at low costs. Through SQL Server Reporting Services, Covalense offers comprehensive, server-based solutions that enable the creation, management, and delivery of both traditional, paper-oriented reports and interactive or web-based reports.

As part of Microsoft Business Intelligence (BI) framework, Covalense skills in combining the data management capabilities of SQL Server and Microsoft Windows Server with powerful Microsoft Office System applications will enable the delivery of real-time information to support continuous operations and drive management or business decisions.

SQL Server Reporting Services supports a wide range of common data sources (OLE DB, ODBC etc) as well as multiple output formats such as familiar Web browsers and Microsoft Office System applications.

Covalense skills are in using Microsoft Visual Studio.NET and the Microsoft .NET Framework to leverage the capabilities of the existing information systems and connect to custom data sources to produce additional output formats or deliver to a variety of devices.

Covalense services in SSRS supports the full reporting life cycle including:

- **Report Authoring**
Create reports to be published to the Report Server using Microsoft or third-party design tools that use Report Definition Language (RDL), an XML-based industry standard used to define reports.
- **Report Management**
Report definitions, folders, and resources are published and managed as a Web service. Managed reports can be executed either on demand or on a specified schedule, and are cached for consistency and performance.
- **Report Delivery**
Delivery of both on-demand (pull) and event-based (push) reports which can be viewed in a Web-based format or in e-mail.

Some of the service implementations include:

- SQL Server based BI Solutions for performance management, dynamic reporting/analysis and data visualization.
- In-depth knowledge on SQL Server DB for delivering e-commerce, enterprise and Datawarehouse solutions.
- Business Function Analyzer based on SQL Server 2005 and Business Performance Management Scorecard Solutions.
- SQL Reporting Services (SSRS) Report Development using Multi Dimensional Expressions (MDX), Microsoft C# or VB.NET.
- Report Development in SSRS with source data coming from OLAP (ex. MS-OLAP, Holos) or OLTP databases like MS SQL Server.
- Dundas and FX-Chart Integrations (For complex graphs / charts) and MDX queries preparation.
- ETL with SQL Server Integration Services (SSIS) / DTS.
- Application Development for Reports Generation, Bundling in PDF, PPT, DOC, RTF and other formats.
- Preparation of Exclusive Technical Documentation in SSSRS.

Microsoft Skills

Software Programming Languages & RAD Tools

- VB.NET, C#, Microsoft VB, VC++, Visual Interdev, MS VS.NET 2003, MS VS2005

Internet, E-Commerce, M-Commerce Tools & Technologies

- ASP.NET, ASP, WebServices, .Net Remoting, WSE 2.0/ 3.0, Smart Client
- XML/ XSLT, AJAX, ATLAS, Magic AJAX, AJAX.NET
- Activex Controls, COM/ DCOM, DotNetFramework 1.1/2.0, DotNetNuke
- Internet Information Server (IIS), SOAP, ASP.NET Mobile Controls

Application Integration Technologies

- Microsoft BizTalk Server, Microsoft SharePoint Server, Microsoft Transaction Server, Microsoft Commerce Server

Business & System Modeling

- Microsoft Visio, Microsoft Visual Modeller, Enterprise Architect, Erwin

Enterprise Reporting Tools and Technologies

- SQL Server Reporting Services (SSRS), Crystal Reports, Active Reports, DotnetCHARTING, Dundas, ChartDirector

Data Warehousing, Mining & Analysis Tools & Technologies

- Microsoft SQL Server 2000 & 2005, Microsoft SQL Server Integration Services (SSIS), Microsoft OLAP



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