

**Partial List of Web Portal/Intranet Projects completed by Infusion**

Agency/Government	Technology	Project Description
<p>Microsoft Corporation</p> <p><b>Microsoft Government Demo Platform</b></p>	<p>SharePoint 2010 and ASP.NET</p>	<p>Infusion was engaged by Microsoft Corporation to develop a best practices solution demonstration for government to display their core platform in best practices use within government. This demo platform leverages SharePoint 2010 and ASP.NET among other key software to provide Microsoft clients, partners and employees with a comprehensive solution demonstration in a government context. Infusion was also engaged to create the Connected Government Framework (CGF) Reference Architecture to document best practices for solution development, in particular using SharePoint 2010, CRM, SQL Server, Exchange Server, and Bing Maps. The estimated cost was \$200,000.00</p>
<p>The City of Brampton</p> <p><b>Citizen Service Portal (CSP)</b></p>	<p>MOSS 2007 Server 2008 SQL Server 2005 ILM 2 Active Directory</p>	<p>Brampton Citizen Service Portal (CSP) is an award-winning initiative for the City of Brampton's internal and external online presence. The city of Brampton engaged Infusion to provide guidance and architectural design to assist in the deployment of a complete Citizen Services Platform (CSP) solution. Key deliverables on this project included: recommendations on security, Microsoft Office SharePoint Server architecture and service integration, and overall server infrastructure design.</p> <p>Microsoft's Citizen's Service Platform (CSP) is a solution set that helps local governments solve their unique business challenges. Component-based and rapidly configurable, Microsoft CSP can support common technology and process foundations across agencies – helping local governments to deliver high quality, and highly efficient, service to citizens and businesses. The approximate project cost was \$1 million.</p> <p><b>www.brampton.ca</b></p>
<p>The City of Calgary</p>	<p>SharePoint 2010</p>	<p>The City of Calgary engaged Infusion to architect, design, and implement a new Public Portal based on Microsoft's CSP (Citizen Services Platform) framework. From the commencement of the project, Infusion's project leads collocated with Calgary stakeholders to gain a deep understanding of the processes, strategies, and concerns of each business unit and their ability to serve the local citizenry using a public portal. The approximate project cost was about \$2.3 million.</p> <p><b>www.calgary.ca</b></p>
<p>York Regional Police</p>	<p>Developing and Implementation of MOSS 2007 Workflow</p>	<p>York Regional Police Headquarters engaged Infusion in the planning of a pilot implementation of MOSS 2007 for team collaboration and the workflow automation of duty exception forms.</p>
<p>Niagara Newcomers Portal</p>	<p>MOSS ASP.NET C# JavaScript</p>	<p>Infusion was engaged to create a Microsoft SharePoint web portal to assist recent immigrants to the Region of Niagara. This portal included detailed information on topics that were identified to be of significant interest to this demographic. Some of the features of this extensive web portal included: job searching, residential and relocation information, maps and survey detailing, images, data uploading for public contribution, feedback forms and email support, and tourism highlights.</p>
<p>Durham Immigration Portal</p>	<p>SharePoint</p>	<p>Durham Region engaged Infusion for the architecture, design, construction and deployment of its SharePoint-based Immigration Portal. The long-term goal of this project was to leverage the immigration portal as the core framework on which to build the region's next-generation public web portal.</p>
<p>The City of Lethbridge, AB</p>	<p>SharePoint 2010 ASP.NET .NET Framework C#</p>	<p>The City of Lethbridge was seeking to develop and implement a new corporate and public portal to serve as their principal services and communications channel for employees, citizens, and business partners. The city sought to align its planned internal and external web presence by leveraging Microsoft SharePoint Server 2010 as a single platform. This was known as Citizen Service Portal.</p> <p>Key objectives for this initiative included: enhancing capacity to provide better information to citizens, increasing the city's ability to communicate directly with employees, allowing customers to do business with the city electronically, and building the necessary lifecycle management to support the expanded online services.</p> <p>Infusion was engaged to create the web services master plan; modernize the city's web services channel for both corporate and public audiences; and ensure the city had the governance, training, processes, and procedures to support the ongoing operations of the new web platforms.</p> <p>Microsoft's Citizen Service Platform (CSP) model, based on SharePoint 2010, was selected by the Infusion team as the best technology to modernize the city's web platforms. The new internet and intranet portals enable citizens and employees to first visit the city's website when seeking information and services. The result: this new channel quickly became Lethbridge citizens' preferred point of interaction to acquire city services, yielding significant overall cost savings for the city.</p>

Province of Manitoba	SharePoint 2010 FAST Enterprise Search Server SQL 2008 Cluster Microsoft Forefront UAG Active Directory	The province of Manitoba engaged Infusion to provide guidance and architectural design to assist in the deployment of a SharePoint intranet, extranet, and internet solution. Key deliverables on this project included: recommendations on security, Microsoft SharePoint Server architecture and service integration, and overall server infrastructure design.
York Region	SharePoint 2010 FAST Enterprise Search Server SQL 2008 Cluster Microsoft Forefront UAG Active Directory	Based upon a SharePoint Deployment and Planning Services proof of concept recently completed for the York Region, Infusion was additionally contracted to take the proof of concept environment and use it as a basis to create a fully working production environment. Infusion consultants designed, developed, and implemented a custom-built and branded SharePoint intranet and server farm for the York Region.
The City of Windsor	SharePoint 2010 FAST Enterprise Search Server SQL 2008 Cluster Microsoft Forefront UAG Active Directory	The City of Windsor engaged Infusion to provide guidance and architectural design to assist in the deployment of a SharePoint intranet, extranet, and internet solution. Key deliverables on this project included: recommendations on security, Microsoft SharePoint Server architecture and service integration, and overall server infrastructure design.
City of London, England	SharePoint 2010 SharePoint Designer 2010 Visual Studio 2010 ASP.NET CSS JavaScript	<p>The existing internal portal for the City of London had become obsolete and was a cause of frustration for employees and management alike. The city sought a new intranet to enhance and simplify data sharing and collaboration. The new site was to use the latest Microsoft technologies, be simple to manage and update, and serve as a platform for departmental applications.</p> <p>Infusion was engaged to deploy a new intranet portal on SharePoint 2010 and create an intuitive and consistent user interface that took advantage of the many enterprise features of SharePoint 2010.</p> <p>Content from the new intranet portal was moved from a document-based model, where information was retrieved by browsing PDF documents organized in complex hierarchies, to a web-based approach that simplified the search and retrieval process. Maintenance and content updates became faster and included deployment of content expiration policies, ensuring that data was current. The approximate project cost was 2 million.</p>
MPAC	SharePoint SQL Server .NET Framework C# WCF	MPAC engaged Infusion to design, develop, and implement a fully functional content management system (CMS) capable of integrating deeply with SharePoint. In addition to the integrated CMS, Infusion also deployed and configured the integrated Search functionality included with SharePoint 2010. The integrated search allowed for robust indexing of intranet content and internal documents, and was further configured to search internal data repositories and network drives. This configuration enabled MPAC to subsequently upgrade to Microsoft's new FAST Search for SharePoint Server.
Haiti Government	SharePoint 2010 Dynamics CRM 4.0 WCF Silverlight C# .NET Framework Bing Maps Microsoft Pivot PowerShell	<p>The destruction caused by the earthquake called for the implementation of an ambitious reconstruction program and turned meeting the population's most urgent needs into a critical priority. Ensuring results and promoting the transparency and accountability of a reconstruction effort were of paramount importance for the Haitian Government and its international partners. In partnership with Microsoft Corporation and Infusion, the Inter-American Development Bank implemented the Haiti Integrated Government Platform.</p> <p>IDB, Microsoft, and Infusion partnered to implement HIGP based on the Microsoft Citizen Service Platform and a private cloud hosting environment. CSP includes SharePoint 2010, CRM 2011, Exchange 2010, SQL Server 2008 R2, Office 2010, Bing Maps, Pivot, and Forefront.</p> <p>HIGP leverages state-of-the-art technologies including: cloud computing, geo-referenced mapping, and business intelligence tools to visualize data and coordinate the infrastructure redevelopment process. HIGP provides tools to better plan, execute, and monitor reconstruction efforts, and it creates the basis for modern, transparent, and efficient public administration in Haiti.</p> <p>As a result of the IDB, Microsoft, and Infusion partnership, the HIGP platform is able to deliver significant support to the Government of Haiti as they rebuild their infrastructure.</p>

Town on Oakville	MOSS 2007 Windows Server 2008 Windows Network Load-B GeoClustering Kerberos Disaster Recovery High-Availability	<p>The Town of Oakville engaged Infusion to deploy a MOSS infrastructure for both city and public users. The infrastructure leverages a significant portion of Microsoft's newest technology stack including: Windows Server 2008, SQL Server 2008 and MOSS 2007.</p> <p>The purpose of the infrastructure was to provide both external and internal access to their secure intranet for staff that contains information, forms, applications, surveys, calendars and document management. Infusion provided design and implementation assistance for a robust SharePoint Server 2007 solution architecture for the Town of Oakville IS+S department.</p>
City of Mississauga	ASP.NET SQL Server 2005 MOSS 2007 Web Services WCF	<p>Infusion was contracted by the City of Mississauga to oversee and develop the Electronic Forms &amp; Business Process Automation Project. This assignment consisted of the design, development and delivery of over 80 electronic forms, built using InfoPath Forms Services, that service many common requests and business processes within the municipality. True agility and efficiency were achieved by the modeling and development of the associative workflows to automate much of the manual processes required to service the various requests.</p>
New York City, Department of Finance	MOSS SQL Server 2005 InfoPath 2007 Windows Workflow Foundation C# ASP.NET	<p>New York City Department of Finance is responsible for managing the finances for the City of New York. The department collects city revenues, encourages compliance with tax and other revenue laws, values all real property in the city, provides a forum for the public to dispute tax and parking violation liability, and maintains property records.</p> <p>Infusion was engaged to assist the Department of Finance with moving a number of legacy applications to a Microsoft platform consisting of .NET, MOSS, and SQL Server 2005 technologies. The purpose of this initiative was to replace paper forms by creating electronic counterparts and automating the associated business processes.</p>
City of Hamilton Police	MOSS 2007	<p>Infusion was engaged by the City of Hamilton Police Department to develop a Microsoft Office SharePoint Server (MOSS) 2007 site that allowed police to enter, browse, and update noise disturbance reports from inside their cruisers. Each police cruiser is equipped with a touch screen computer that officers use to make reports and track enforcement data.</p> <p>The Infusion MLE (Municipal Law Enforcement) Tracking site replaced a legacy Excel application with the collaborative and high-contrast functionality of SharePoint Server. Ticketing, follow-up, incident details, responding officer information, date and time stamping, and commenting functionality were all included in resulting solution.</p>
New York State	WSS 3.0 Search Server 2008 Express MOSS 2007 MOSS Faceted Search iFilters (PDF and Wordperfect)	<p>Infusion was contracted to develop a collaboration site as a proof of concept for the New York State Department of Environmental Conservation. Using WSS and Codeplex software, the site allowed the NYS DEC to progress their Corel retirement project and replace legacy applications.</p>
Connecticut Department of Public Health	MOSS 2007 SQL Server SSIS SSAS Performance Point	<p>The Connecticut Department of Public Health (CT DPH), Environmental Public Health Tracking (EPHT) Unit engaged Infusion to develop a reporting portal to meet the requirements set forth in a grant from the Centers for Disease Control and Prevention (CDC). The EPHT Portal serves as a point of entry to Environmental Public Health data, directing users to state level information sources, data, metadata, analysis, visualizations and reporting management tools.</p> <p>The portal was developed to serve two primary purposes:</p> <ul style="list-style-type: none"> <li>- To provide a central means of collecting all Public Health data that is required by the CDC to meet annual federal reporting guidelines</li> <li>- To provide the general public and selected internal DPH users access to state wide Public Health trend information (ie. Hospitalization, Birth Defects, Vital Stats, Infectious Diseases, etc.) through dashboards and reports.</li> </ul> <p>The portal allows users to drill into the data and perform ad-hoc analysis based on their security credentials. Developed as a web based solution hosted in Microsoft Office SharePoint Server (MOSS 2007), the portal utilized the entire Microsoft Business Intelligence technology stack as it incorporated Microsoft Performance Point Server to manage the dashboards, Microsoft SQL Reporting Services to produce standardized reports and the entire Microsoft SQL Server 2005 suite of products (Analysis Server and Integration Services) to host the data.</p> <p>The phase one built a first version of the portal that included all currently reported data sources that are required by the CDC. The second phase incorporated new feeds of health related data that are not currently available, as well as the mechanism to automatically submit data to the CDC. This second phase also addressed direct integration with other DPH systems to utilize data in its most granular form.</p>

City of Camden, NJ	Citizen Services Platform (CSP) CSP Resource Manager	<p>The City of Camden, NJ contracted Infusion via Microsoft to reduce their administrative burden with e-forms. With a population of 79,000 people, the City of Camden needed to dramatically improve administration, accountability and citizen service.</p> <p>Infusion developed a SharePoint Server portal solution that successfully streamlined administration to ensure resident service requests and city operations were managed far more efficiently. The solution saves the city 7,176 labor hours per year through reforming cumbersome paper-based processes, eliminating double data entry, and reducing paper handling. It also provides far more accurate reporting with standardized reporting processes.</p>
The Massachusetts Legislature	MOSS 2007 InfoPath ASP.NET C# Word 2007 Windows Workflow Foundation Open XML WSS	<p>The Massachusetts Legislature was using an internal mainframe application for publishing bills and other documents. In addition, they maintained a disparate set of internal applications used by the various chambers. Infusion was tasked to develop a strong platform for improving the Legislative Publication process by making the process more user-friendly, transparent, and customizable, as well as by uniting the disparate processes implemented in the two chambers.</p> <p>The proposed solution by Infusion involved a highly customized SharePoint Portal with detailed workflow functionality to implement the new System. By leveraging the flexibility of the MOSS platform, built-in security model, and document management and integration capabilities of the platform, it was possible to create a highly effective and user-friendly system for the Legislature in only 3 months.</p> <p>The overall project was achieved through the following activities:</p> <ul style="list-style-type: none"> <li>- Use of the native Document Management System in SharePoint allowing users to easily draft bills using Word 2007 and acquire automatic versioning and security out of the box.</li> <li>- Out of the box search provided by SharePoint to help users more effectively locate bills.</li> <li>- Leveraging of the SharePoint Object model and Open XML Format SDK to generate documents on demand (Legislative Documents, Daily List of Hearings, Journals, etc.)</li> <li>- By making use of built-in SharePoint workflows, the bill-filing process was easily streamlined.</li> <li>- Making use of the SharePoint Object model and Workflow Activities to capture the history of the bill. This was one of the most complex pieces of the project.</li> </ul>
New York State	MOSS 2007 WPF WCF Visual Studio 2008 MS SQL Server 2008 Oracle TFS VB.NET	<p>The OCFS was employing a legacy application entitled "Connections" to track abused and endangered children in New York State. Originally written on the FCP framework (C application framework), the application had been modified over a period of 8 years with additional VB6 screens and services.</p> <p>New York State OCFS sought a way to migrate the application incrementally from the legacy code base to a new .NET SharePoint application that leveraged both WCF and WPF. Infusion initially developed a proof of concept as a prototype to demonstrate how this could be most effectively accomplished. The proof delivered a new User Interface that would be able to integrate with the current code base as needed.</p> <p>Subsequently dubbed "CAMP" (Connections Application Migration Project), the Infusion team successfully transferred the system to .NET through a series of government-mandated quarterly deliverables. In addition, Infusion consultants provided technical support and guidance on software development practices, design patterns, and Microsoft products and services.</p>
Inter-American Development Bank  <b>MapAmericas intranet/extranet</b>	SharePoint 2010, CRM, SQL Server	<p>IDB collaborated with Infusion to implement an internal portal to visualize and manage investment projects in Latin America. The comprehensive solution was built using core Microsoft software including SharePoint 2010, CRM, SQL Server, and Bing Maps. The solution leverages data from the IDB Enterprise Data Warehouse and PMR and provides a robust platform for internal employees and executing agencies to manage projects in the region.</p>
Government of Haiti <b>Haiti Integrated Government Platform (in partnership with IDB)</b>	SharePoint 2010, CRM, SQL Server, Exchange Server	<p>IDB collaborated with Infusion (and Microsoft who donated software) to architect a state-of-the-art platform for the Government of Haiti to deliver internal and external applications leverage the core Microsoft software, including SharePoint 2010, CRM, SQL Server, Exchange Server, and Bing Maps. Working prototypes for a new intranet, website, and email currently being developed for production deployment in 2012.</p>