

Pharmaceutical Corporation

Microsoft Office SharePoint Server 2007 Worldwide Implementation

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Client had an existing SharePoint 2003 portal implementation in Production with about 700 areas and hundreds of WSS 2.0 Site. Client needed help from NGenious Solutions, Inc. to analyze upgrade of this implementation to Microsoft Office SharePoint Server 2007.

It was also client's objective to implement a world-wide SharePoint solution, across three continents: Americas, Europe and Asia / Pacific. Client wanted to implement a global collaboration solution. Client had chosen to migrate multiple in-house solutions for document management and application on to the SharePoint platform. This was scheduled to be a multi-year project.

Situation

The client had made a major investment in the Microsoft platform with a specific focus on SharePoint (Microsoft Office SharePoint Services 2007) as their collaboration platform of choice to support internal document sharing, information management, and as a framework for all their development. They have been utilizing SharePoint 2007 for the past 2.5 years.

The client was committed to leveraging MOSS 2007 as they saw the extensive value the new version of the product could add in managing their extensive contract documentation, improve communication in their rapidly growing and dispersed company and act as a platform for developing business specific applications. These applications included: collaboration sites, IT Helpdesk, Product based sites, Legal information site, internal news site, corporate intranet, etc. The platform was to be used by at least 40,000 users in the Americas.

NGenius Solutions, Inc. was requested to assist with the following tasks to implement the SharePoint environment:

- Upgrade SharePoint 2003 environment to SharePoint 2007
- Manage SharePoint 2007 environment in Virtual Server environment
- Migrate SharePoint 2007 environment from virtual server environment to physical servers
- Act as Infrastructure Lead for the SharePoint farm for Production, Staging and Development environment for Americas, Europe and Asia / Pacific Data Centers managing over 60 SharePoint servers and multiple SQL Servers in Production / Staging / Development, with over 2 TB of data.
- Analyze 3rd party components that need to be implemented as part of internal SharePoint implementations. Examples, Corasworks, AvePoint, K2, Tsunami, Infragistics, RepliWeb, Bamboo Solutions, Newsgator, etc.

Solution Overview

Customer Profile

The client is one of the world's largest research-based biomedical and pharmaceutical companies, with corporate headquarters located in New York, major research and development locations in the United States and England.

Business Situation

The client had made a major investment in the Microsoft platform with a specific focus on SharePoint (Microsoft Office SharePoint Services 2007) as their collaboration platform of choice to support internal document sharing, information management, and as a framework for all their development. **Client** solicited the help of **NGenius Solutions, Inc., Microsoft Gold Certified Partner** Company, to assist with the implementation of SharePoint worldwide.

Services

- Technology Assessment
- SharePoint Migration Strategy
- MOSS 2007 Deployment
- Robust Infrastructure



- Work with multiple development teams from external vendors and manage custom solution deployment to the different phases of the SDLC.
- Assist in building best practices for custom development in the environment and Implementation of any new components in the SharePoint environment.
- Assist client with different phases of platform maintenance like authentication issues, server management, database management, site managements, server upgrades from 32-bit to 64-bit, SharePoint upgrade from 32-bit to 64-bit, etc.
- Implement and integrate Enterprise Project Server solution with the existing SharePoint farm and help follow best practices for EPM.

Solution

Technology Assessment:

This was starting point of the project. NGenious Solutions, Inc. started the project with a complete technology assessment which led to ongoing architectural guidance, infrastructure upgrades, custom development, first line support for SharePoint, and a migration plan to move from SharePoint 2003 to MOSS 2007.

SharePoint Migration Strategy:

NGenious Solutions, Inc. was instrumental in analyzing and planning the strategy for clients phased migration from SharePoint 2003 to MOSS 2007. NGenious Solutions, Inc. architects worked with the client's resources in order to ensure successful migration of existing SharePoint portal / areas and WSS 2.0 sites to MOSS 2007 environment. A third party component, Metalogix was used to migrate all customized areas and sites to MOSS 2007.

MOSS 2007 Deployment:

While working closely with clients internal IT team, both local in the US and remotely overseas, NGenious Solutions, Inc. was responsible for designing the MOSS 2007 implementation in US, European data center and ASIA / Pacific datacenter. That implementation included building development, staging and production environments in all three datacenters along with the implementation of all necessary third party and customized solutions provided on top of the SharePoint farm. Different language packs were also implemented to support different countries in Europe and ASIA / Pacific.

Robust Infrastructure

NGenious Solutions, Inc. was tasked with upgrading client's infrastructure from 32 bit architecture to 64 bit architecture, setting up hardware (CISCO) Load balancing, and the migration of the SharePoint farm from a 32-bit SQL Cluster into a 64-bit SQL Cluster. NGenious Solutions, Inc. was also responsible for architecting and building clients development environment which included about 40 SharePoint servers (Stand-alone), Staging servers (6 in each farm) and Production (6 servers in each farm) including same configuration in Europe / Asia with multi-language support. NGenious Solutions, Inc. was also responsible for setting up clients extranet capabilities to allow for partner connectivity into clients MOSS environment.

NGenious Solutions, Inc. was also responsible for monitoring and maintaining SQL Servers in all environments and making sure there was enough disc space available for SharePoint environment growth, that there was regular backup being made of the production and staging data. In addition to SQL Server maintenance, NGenious Solutions, Inc. also implemented and regularly used AvePoint's DocAve solution for maintaining granular backups of the environment.



NGenious Solutions, Inc.

NGenius Solutions, Inc. also assisted in helping client migrate data and solutions from existing legacy applications like eRoom, LiveLink, Plumtree etc. into SharePoint 2007 farm.

Benefits

During the two years that the NGenious Solutions NGenious Solutions, Inc. was working with client, he was able to provide a high level of SharePoint skill set that allowed client to implement a global SharePoint solution. The solution was successfully deployed to more than 50,000 users worldwide as a highly available solution. NGenious Solutions, Inc. was able to effectively implement upper management's directive in to a functional solution.

Products and services used

During this project, NGenious Solutions, Inc. worked with the following technologies:

- Windows Server 2003 32-bit & 64-bit
- Microsoft Office 2003 / 2007
- Microsoft Office SharePoint Server 2007
- Microsoft InfoPath 2007
- Microsoft SharePoint Designer 2007
- Corasworks Workplace Suite for SharePoint
- AvePoint's DocAve suite for SharePoint backup and recovery
- K2 workflow engine for SharePoint based workflows
- Tsunami migration utility for data migration from eRoom, LiveLink to SharePoint
- Microsoft Enterprise Project Server and Project Professional
- Newsgator component for Social Networking on SharePoint
- Bamboo Solution web parts
- SQL Reporting Services 2005 for building reports and integrating with SharePoint

For More Information

For more information about NGenious solutions, Inc. please call NGenious Solutions, Inc. Headquarters at (732) 873-3385 or go to: <http://www.ngenioussolutions.com>

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