

# Phelps Dodge International Corp.

## Master Data Management Project on SharePoint

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*During 2009 NGenious Solutions, Inc. assisted Phelps Dodge International Corp. (PDIC) to implement a Table Management portal system on SharePoint for managing their BI data. In addition took on the project leadership role and assisted PDIC with all of the critical decisions surrounding their new SharePoint environment, helping implement a test environment.*

### Situation

Phelps Dodge International Corp (PDIC) initiated a high visibility project, the Table Management portal system will provide users with a front end application to enter, view, edit and delete mapping information relating to key tables in the ETL database. When executing a mapping the user will first locate the table and record that they will be mapping to by reading reference tables from the Data Warehouse ETL Database. The user will be shown all records that are already mapped to the record and will have the opportunity to add to, edit or delete the mappings. The system will log access to the system as well as changes to the mapping information

Phelps Dodge International Corp already had a small SharePoint environment implemented and wanted to take advantage of the platform and cut their costs for supporting and maintaining Table Management portal. PDIC users were located across multiple continents and hence needed a common platform that was easily accessible, secure and provided a very intuitive interface for them to work with their Master Data management system. To achieve this goal and ensure project success NGenious Solutions, Inc., offered its technical expertise and project management skills to complete the site migration project.

### Solution

During the site migration project NGenious Solutions, Inc. assisted PDIC with creating a project plan that mapped out all of the project milestones and the tasks associated with each objective. During the project, NGenious Solutions, Inc. guided the team from PDIC in designing the solution for this project. NGenious Solutions, Inc. helped design and customize a new web part for the Master Data Management site. NGenious developed and deployed a custom web part solution that allows end users to seamlessly interact and update their BI data.

### Benefits

- ◆ **Technical experience and expertise**  
NGenious Solutions, Inc. provided PDIC with very experienced subject matter experts as they related to Microsoft Office SharePoint Server 2007 and related

### Solution Overview

#### Customer Profile

**Phelps Dodge International Corp. (PDIC)**, through a group of production facilities and sales units in 19 countries in the [Americas](#), [Asia](#) and [Africa](#), manufactures and supplies world-class quality [products](#) for power, construction, oil and gas, mining, original equipment manufacturers, and telecommunications markets around the world.

#### Business Situation

**Phelps Dodge International Corp** needed to develop a Master Data Management – Table Maintenance Portal is a series of SharePoint web parts that will be used to manage the mapping of data from the source systems to the Data Warehouse standard fields to preserve data integrity and ease maintenance. The system will provide users with the ability to create edit and delete mapping between the source fields and the Data Warehouse fields. **PDIC** solicited the help of **NGenious Solutions, Inc., Microsoft Gold Certified Partner** Company, to assist with the custom development of their project.

#### Benefits

- Technical experience and expertise
- Project Management
- SharePoint experience
- SharePoint design expertise

#### Services

- Technical experience and expertise in the SharePoint platform
- Project Management
- Documentation



*NGenious Solutions, Inc.*

technologies. Using these experts PDIC was able to shorten the learning curve that had slowed their development efforts in the past.

◆ **Project Management**

NGenius Solutions, Inc. provided PDIC with a detailed project plan and PDIC was able to follow this plan and complete the key design milestone of their site migration project.

◆ **SharePoint Experience**

NGenius Solutions has great depth as it relates to SharePoint implementation, configuration, customization and development. NGenius Solutions was able to assist PDIC with the custom development project. NGenius Solutions was also able to assist PDIC with analyzing their current SharePoint environment and resolve multiple issues with the implementation.

◆ **SharePoint design expertise**

NGenius Solutions was able to assist PDIC with the design elements required by SharePoint solution and what each of those elements required as it pertained to the PDIC environment. NGenius Solutions took on the design leadership role and once all of the elements had been documented NGenius Solutions compiled all of the documentation, added detail, and created the PDIC SharePoint solution and assisted in deploying the same to their production SharePoint environment.

***For More Information***

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

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