



Industry

- Mining

Products

- Google Maps
- Microsoft ASP.NET
- Microsoft SQL Server
- Neudesic Neuron·ESB

Challenge

Access to this database was ad-hoc and hard to read. In some cases, users were having to directly query the database with SQL. This database was crucial for making investment decisions related to exploration, so a better solution was needed to provide access to the geo scientists that consumed the data.

Solution

Neudesic's User Experience team was engaged to provide a rapid information architecture analysis with wire frames and design comps. Neudesic's Custom Application Development team was also engaged to build the foundation for and deliver on the UX design.

Benefit

- Elegant web site and user interface
- Data is provided in a view that is relevant to engineers
- Provides both tabular results and graphical map-based views
- Greatly increased access to data
- Faster analysis of sites worldwide

Major Mining Company Exploratory Drilling Website

One of the world's largest gold producers, the Company has more than 34,000 employees and contractors worldwide, and produces 6.5 million ounces of gold per year from proven and probable reserves of approximately 93.5 million equity ounces. The Company also mines copper, silver and zinc from operations in the United States, Australia, Peru, Indonesia, Ghana, Canada, New Zealand and Mexico.

As an industry leader, the Company maintains high standards in environmental management, employee health and safety and the creation of value and opportunity for host communities and shareholders

It has been really good to go through this quick UX phase. It was a differentiating selling point for us going into the project, and I think it has been extremely worthwhile. We can now see a better overall product coming out of the solution.

Manager of the Company's Geologic Systems

Project Highlights

- Access to the Company's database was ad-hoc and hard to read. A web site was needed to search for and view scientific data from drilling exploration holes at sites around the world.
- Neudesic's User Experience and Custom Application Development teams were engaged to provide a rapid information architecture analysis with wire frames and design comps and to build the foundation for the UX design.
- Neudesic interviewed end users and created wire frames and graphical comps of key forms to ensure the site would provide engineers the information they required.
- Using the wire frames as a guide, the development team completed two Agile-based sprints to deliver the end product.

Major Mining Company Exploratory Drilling Website



The Challenge

Exploration is usually the first step in the process to find, evaluate and mine gold. The company's Drill Hole Database provides access to key exploration data for all mine sites. The data is key to managements' decisions to further invest in mining operations.

Access to this database was ad-hoc and hard to read. In some cases, users were having to directly query the database with SQL. This database was crucial for making investment decisions related to exploration, so a better solution was needed to provide access to the geo scientists that consumed the data.

The company wanted a web site that would provide an elegant web interface for searching and viewing results on the scientific data from drilling exploration holes at various potential mining sites around the world. The results needed to be presented in a view that was both meaningful and relevant to the engineers and included tabular results as well as graphical map-based views.



The Solution

Neudesic's User Experience (UX) team was engaged to provide a rapid information architecture analysis with wire frames and design comps. Neudesic's Custom Application Development team was also engaged to build the foundation for and deliver on the UX design. This was a high value approach that produced a road map in the first week of the project and allowed the development team to get off to a fast start.

The first week of the project included interviews with end users and the creation of wire frames and graphical comps of key forms on the site. This ensured the site was designed around the engineer and provided them the information they required. Using the wire frames as a guide, the development team completed two Agile-based sprints to deliver the end product.



The Benefit

The combination of strong UX design and strong .NET development created a fantastic result that was delivered on time and on budget. The solution provides an elegant web interface for searching and viewing results on the scientific data from drilling exploration holes at various potential mining sites around the world. Search results are presented in a view that is relevant to the engineers and include both tabular results as well as graphical map-based views, just as was required.

The solution has greatly increased the access to the drill hole data for the engineering team, allowing faster analysis and update of results from exploration

projects across the world. The new Drill Hole Web Site provides access for over 200 engineers to analyze this data via an elegant and easy to use web site that includes searching and mapping capability. The Company is using this solution as a showcase within their organization to other groups of managers worldwide.

This initiative also allowed the customer to replace the client-based applications with something that is web-based, yet managed and maintained centrally. The remote nature of their field operations makes it difficult and expensive to service

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and maintain client-based applications. Eliminating support and maintenance of these client-based applications has greatly reduced costs and increased efficiency.