ESPX
Data Centralization and Presentation

NBI was deeply involved in the development of an application to organize the process of supplier selection. A joint NBI/customer team designed a web-application for the maintenance and query of a newly-centralized database.

The solution resulted in a vast improvement in the accuracy and efficiency of data gathering over a large continuum of scales. It addressed the inefficiencies of a system with many moving parts in poor communication with each other.

nbi
NOW BUSINESS INTELLIGENCE

ESPX
Project Discussion

The tool addressed all of the customer's needs and replaced a system that had evolved to a state of substantial complexity. They required a database structure to collate and centralize their disparate data sources. The customer also required an automated and maintainable system that could process data on a scale starting at hundreds of millions of bids.

NBI's solution aggregated the disparate data into a SQL Server database that was accessible through a rich, single-page JavaScript web application. Through extensive pre-calculation and optimization of the data pipeline, the team built an application that could quickly form and present a response that covered thousands of items.

These results were immediately available for interactive real-time analytics. The new process produced $2-billion cost reduction for the client over seven years and established a centrally-maintained, streamlined data center.

Microsoft®
SQL Server™