

# Northrop Grumman - Executive Dashboard



### ► The Challenge

Northrop Grumman wanted to provide better analytical and presentation reporting tools to management in tracking the issues and progress of the sector organization. Existing tools of time-based reporting (such as monthly, quarterly, and annually) did not allow timely changes to be made based on adjustments in the marketplace or changes in the company structure. Unlimited Innovations was asked to design an interface of gathering, brokering, and reporting data from various division and staff functions to provide an area where executive level-management can review the progress of individual program, changes in overall areas, and complete organizational views.

### ► The Answer

Unlimited Innovations developed an Executive Dashboard from a cross-section of different functional areas and utilizing important financially driven data with other frequently reported information in a web-enabled environment that could be viewed and used by the C-level executives of the client. Unlimited Innovations indicated to the client the areas of data needs that allowed the client to enhance methods for inputting and securing the data. Administrators were able to view and check the status of the various data collection processes.

The solution included implementing proprietary certificates to authenticate only allowed users and ensure that the data came from reliable sources. The client enhanced the Dashboard views by creating a process infrastructure to manage the data inputs. Monthly calendaring and schedule was added to track the need to keep the data refreshed without the requirements of formal package reporting. By updating the key values, the reporting and comparisons could automatically be created.

Notification and messaging services were used to remind and utilize deadlines in updating the information provided on the Dashboard. The Executive Dashboard views can be kept apprised of the various updated data pieces to research what has been changed or modified based on the data collection process. All of the management related to the dashboard process and data status is directly handled at the user level without the need for a technical resource to handle or edit the calendar process.

The Executive Dashboard also integrated connections to existing data sources for key areas that eliminated the need to manually copy data to the new system environment. Options will still made to allow the related personnel to check, edit, and confirm the automatically loaded data as a method of confirmation before final presentation.

### ► The Partner

Northrop Grumman Northrop Grumman is a company defined by one word – technology. From under the sea to outer space and into cyberspace, Northrop Grumman technologies and products play a key role in the evolving defense environment of the 21st century. Northrop Grumman is now a top-tier defense company, a full partner with its military customers and an inherent part of the country's national security.

As the second-largest provider of information technology for the federal government, Northrop Grumman is crucial to cyber warfare efforts, helping to protect the U.S. government's computers from Internet attack. The company is also the world's largest naval shipbuilder, with expertise in every class of nuclear and non-nuclear vessel, providing global force projection. Its systems integration expertise ensures unparalleled surveillance and precision strike capabilities and its commercial electronics capabilities remain world class.

From its headquarters in Los Angeles, CA, Northrop Grumman operates in 44 states and 25 countries. The company has expected 2002 revenues of approximately \$18 billion and has a workforce of approximately 100,000.

Industries: Military defense, electronics systems, manufacturing

# The Innovation

## Northrop Grumman Measures Sector Success and Risk Factors via Web-Enabled Metrics Reporting

### ► The Answer (cont.)

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Executives can access the site from any secured connection browser and review the latest metrics and statistics related to sector and division goals. By identifying both successes and at-risk scenarios, changes in priorities, resources, and leadership guidance can be made during an initiative in-between a longer term reporting period.

### ► The Technology

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A customized software solution built on a web-based platform using Microsoft SQL Server, Microsoft Internet Information Service, and Microsoft Windows 2000 Server.

### ► The Benefits

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- Diverse locations can all easily access one system using a common web platform
- Brings together diverse groups into one reporting system
- Results can be provided in a 'real-time' environment for determining actionable items and strategic changes
- Creates options and data sources to review more in-depth issues based on the relevant division and organization factors and results

Unlimited Innovations Inc., a California-based company established in 1996 is a leading Software Solutions Provider. We provide Systems Integration, Consulting and Development services on all platforms ranging from the latest XML and ASP-based web applications, Oracle and SQL Server database applications to Integration with Legacy Mainframe and UNIX systems.

Our Microsoft Certified Staff is available to meet your needs in all the latest Microsoft Technologies including Windows 2000, SQL Server 2000, Exchange 2000, Visual Studio and the .net Enterprise Servers.

From mid-size to Fortune 50 organizations, our experts are experienced in designing enterprise-wide architectures and developing IT Strategic Plans.

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