



## Jacobs Technologies Engineering and Science Contract Group

### Jacobs Technologies ESC Group chooses Microsoft Project Server 2007 over Primavera as well as influencing NASA Johnson Space Center!

#### Quick Facts

**Country:** USA

**Industry:** Technical Services

**Locations:** 70 Offices in over 15 Countries

#### Solution

- Microsoft SQL Server 2000
- Microsoft Windows 2007 Server
- Microsoft Office Project Server 2007
- Microsoft Office Project 2007 Professional
- Microsoft Office SharePoint Server 2007
- Microsoft Office Visio 2007
- Mic

#### Benefits

- Improved Schedule & Resource Management
- Earned Value Metrics and Reporting
- Increase in Project/ Program Performance
- Communication and Collaboration with their key customer NASA JSC
- Competitive Advantage

#### Company

Jacobs Engineering Group, Inc. is one of the world's largest and most diverse providers of professional technical services. Jacobs Technologies Engineering and Science Contract Group (ESCG) located at NASA Johnson Space Center is a subset of Jacobs Engineering Group that focuses on its Aerospace and Defense market. Jacobs Technologies ESCG provides engineering and scientific support to the Engineering Directorate and the Astromaterials Research and Exploration Sciences Office within the Space and Life Sciences Directorate. Work involves engineering products and services for the International Space Station and Shuttle Crew Exploration Vehicle spacecraft flight programs; design, development, certification, and production of hardware and software for NASA programs; operations & maintenance of on-site laboratories and facilities; curation of astromaterials and planetary materials research; research & development of new technology; and technology transfer and institutional support services.



#### Situation

Jacobs ESCG had diversified methods and systems for managing their Delivery Orders, inconsistent means of reporting or documenting unplanned budget and complicated processes for managing resource allocation across Delivery Orders, Task Orders and Sustaining work. By having disjointed systems for managing data in regards to proposal estimates, schedules, finance, and resources they were expensing decreased data integrity and dual entry for end users.

Management and Resource Management discipline to ultimately reach the goal of a certified EVM system. Jacobs ESCG goal is to deploy a Program Management Office in conjunction with an integrated Enterprise Program Management solution to standardize and centralize their program management processes and reporting. Benefits to be gained from the usage of this solution include the advancement of project and resource management processes and toolsets that will improve control, enhance visibility into project performance, and improve resource capacity planning across multiple projects and/or indirect activities.

Realizing the value and importance of systemization, efficiency and scalability, Jacobs ESCG committed to improving their Project



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*"Jacobs ESCG has also influenced its key customer, NASA Johnson Space Center (JSC) to select Microsoft Project Server 2007, over Primavera's EPM system. JSC plans to leverage the Jacobs EPM solution as a baseline best practice. In addition, JSC will benefit from Microsoft Office SharePoint Portal for collaboration and content management"*

**Learn more about how some of our other aerospace and defense customers are benefiting from LMR Solutions iEPM Solution:**

- BAE Systems
- General Atomics
- Intelligent Automation Company
- NAVSEA
- NASA
- Northrop Grumman
- Raptor
- Raytheon
- SAIC



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## Objectives

The objectives of Jacobs ESCG include:

- Jacobs ESCG Project Managers can plan, estimate, manage and status projects utilizing one system whose project schedule contains securely protected actual costs and is resource-loaded
- Jacobs ESCG can roll up and status all ESCG DO/TO and Baseline work via MS Project Server
- Jacobs ESCG can apply to have a validated earned value management system and can comply with the complete earned value management criteria (32) to prevent loss of opportunity

## Solution

In a competitive situation with Primavera, Jacobs ESCG chose to implement LMR Solutions' **Integrated Enterprise Program Management (iEPM) Solution** built on the Microsoft Office Project suite (including Microsoft Project Professional, Microsoft Project Server, Microsoft Project Web Access and Windows SharePoint Services). The Jacobs ESCG EPM team is deploying their EPM solution in the recommended phased approach to enable them to standardize their processes, centralize their Project and resource data, and improve data integrity and accuracy in preparation for EVM compliance.

This dynamic management solution improves Enterprise Resource Management, Financial Management (EVM), Schedule Management, and Portfolio Management. Project Controls and Project Managers will use Microsoft Project Professional and Mi-

crosoft Project Server to effectively plan, manage and track their projects. Directors will have visibility into a centralized resource pool as the ultimate knowledge base to allocate the best resources for individual tasks based on skill, workload and availability across direct and indirect activities. Senior Leadership will have insight into overall Program Health as well the workforce impacts of moving potential projects into implementation.

The implementation of Microsoft Project Server will also provide the organization with improved communication and productivity in the execution of their projects, including visibility to their external customer NASA Johnson Space Center (JSC). Jacobs ESCG Microsoft EPM solution allows for integration with other Line of Business applications such as Jamis (Financials), PeopleSoft (Timekeeping), and Maximo (Manufacturing) to provide a common interface and reduce duplication of effort.

## About LMR Solutions

LMR Solutions is a full-service program and project management firm, we help organizations evaluate and standardize on PM processes, training, Microsoft technologies and staff augmentation. LMR Solutions is Microsoft's "EPM Partner of the Year" in the West Region for 2005 and was awarded the Microsoft Global EPM Excellence Award for 2006. Our Award Winning iEPM (integrated Enterprise Program Management) Solution, includes components for Opportunity Management, Portfolio Management, Project Management, Collaboration and Business Intelligence all built using familiar Microsoft programs. LMR Solutions offers the solution framework and the professional services expertise to fully deploy Enterprise Project Management and support your Project Management requirements.

Visit [www.lmsolutions.com](http://www.lmsolutions.com) for more information.