



1,500 mapped applications

Accelerated mean-time-to-repair

Critical infrastructure insight



## Lockheed Martin Aeronautics Company



### INDUSTRY

Manufacturing: Defense



### CHALLENGE

Gain clear visibility into the complex application environment to meet the uptime and performance requirements of the business.



### SOLUTION

BMC Atrium Configuration Management Database (CMDB), Atrium Discovery and Dependency Mapping (ADDM), and ProactiveNet Performance Management (BPPM) integrate with BMC Remedy IT Service Management Suite and BMC BladeLogic Server Automation to ensure reliability and performance of critical applications.

BMC delivers software solutions that help IT transform digital enterprises for the ultimate competitive business advantage.

**BMC – Bring IT to Life**

# Lockheed Martin maximizes systems availability and automation to help complete an F-35 fighter jet every day

## BUSINESS CHALLENGE

Lockheed Martin Aeronautics Company, a major unit of Lockheed Martin, has standing orders to produce more than 3,000 F-35 fighter jets, so the company set an aggressive manufacturing goal to build one F-35 every day. IT supports that goal by keeping critical engineering and manufacturing applications running at peak performance. IT's service management strategy is fast-tracking problem diagnosis and minimizing downtime by providing robust data on 1,500 vital applications and their underlying infrastructure.

## BMC SOLUTION

IT is integrating BMC Atrium Configuration Management Database (CMDB), Atrium Discovery and Dependency Mapping (ADDM), and ProactiveNet Performance Management (BPPM) with its current service management solutions, including BMC Remedy IT Service Management Suite and BMC BladeLogic Server Automation. Now that IT has clear visibility into applications, infrastructure, and their dependencies, troubleshooting is faster, application management is simpler, and automated performance monitoring is becoming a reality.

## BUSINESS IMPACT

With CMDB and ADDM, the staff understands the interactions across applications and infrastructure, allowing them to maintain application performance and uptime at the levels required for the one-fighter-a-day manufacturing target.

- **Detailed data accelerates mean-time-to-repair (MTTR)**, so it reduces the risk of outages and keeps the manufacturing line running.
- CMDB service modeling **eliminates manual building and maintenance of architectural models**, saving hours of staff time.
- With direct feed from the CMDB into an architectural modeling tool, system architects can **run reports and queries to better understand architectural patterns**.
- The new **data-driven approach provides a foundation for proactive application management**, while **integration and monitoring empower the staff** to meet service level agreements.

“Everything ties back to the fact that the people who support the business have to be aware of what systems are out there and what those systems are doing,” says Shridhar Sreekanth, Lockheed Martin enterprise architect. “The BMC solutions are providing that awareness. Their ease of use and rich functionality are enabling us to do a better job of meeting the demands of the business.”