

U.S. Defense Contractor

Instrument Maintenance Management: Going Deep on Analytics



Challenge

An existing management platform (originally designed as a content management system) for this leading U.S. defense contractor wasn't scaling and was becoming increasingly unmanageable. It was slow, had a clunky interface, and had a steep learning curve.

Solution

The customer required a modern solution that would accommodate growth without sacrificing the legacy system's functionality. Over time, the existing CMS had been morphed, patched, hot-fixed, and extended to keep up with client growth. These changes had created a coupled system that was rigid in its design.

Technology



By modularizing the existing system's reporting mechanisms into a "widgetized" dashboard, the LFT team was able to allow each user to fully customize a landing page. What previously took the user ten to twelve clicks and several minutes to reach due to performance bottlenecks, was now available by simply logging on to the system.

Outcomes

Working with an associated development company, the solution illustrated the capabilities of emerging web technologies and deep, real-time analytics.

- Significant improvements in business intelligence
- Time and communication savings
- Microsoft MVC allowed for rich web functionality and support