

# 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.

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

### Technology

