

ManTech Information Systems and Technology

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Information Systems & Technology

FAST FACTS

Company

ManTech is a leading provider of innovative technologies and solutions for mission-critical national security programs

Industry

Government

Geography

U.S.

Challenges

- Maintain software engineering excellence
- Recruit and retain top development professionals
- Deliver solutions on time, within budget and to specification

Solution

- Borland® StarTeam®

Results

- Increased productivity
- High recruitment and retention rates
- Reduced administrative time and cost

COMPANY

ManTech Information Systems and Technology (IS&T) is a business unit of ManTech International Corporation — a leading provider of innovative technologies and solutions for mission-critical national security programs for the Intelligence Community and the Departments of Defense, State, Homeland Security, Justice and other U.S. federal government customers. ManTech's expertise includes systems engineering, systems integration, technology and software development, enterprise security architecture, information assurance, intelligence operations support, network and critical infrastructure protection, information technology, communications integration and engineering support. With 2004 annual revenues of \$842 million and more than 6,000 highly qualified employees, the company operates in the United States and 40 countries worldwide.

CHALLENGES

The increased customer demand for ManTech IS&T software development services has required that IS&T address the increasingly complicated communication and collaboration needs of more, larger and geographically dispersed development teams. During this period of expansion, the company sought to:

Maintain software engineering excellence

To ensure long-term application development excellence, ManTech IS&T makes continuous investments in leading-edge tools and in training their workforce in industry best practices. From a multi-million dollar state-of-the-art software development center, IS&T maintains a world-class infrastructure for designing, developing and testing enterprise applications. With an aggressive growth strategy that includes expanding its customer base and broadening its scope of service offerings, the company could no longer afford to have development professionals using spreadsheets, notepads and emails to document project details and progress. ManTech IS&T required a more effective, affordable and easy-to-use solution for its distributed development team that supports its desire to achieve software engineering excellence and move to SEICMMI compliance.

Recruit and retain top development professionals

To continue to attract the best software development professionals, IS&T understands it needs to offer them the industry's best application lifecycle management engineering tools — tools that will allow analysts, architects, developers, and testers distributed across multiple facilities to work and collaborate seamlessly with each other.

Deliver solutions on time, within budget and to specification

As a trusted partner to the federal government, ManTech IS&T must deliver solutions right — the first time. Their customers demand rapid delivery of cost-effective applications that are built from repeatable processes that embrace configuration management and lifecycle traceability of functional, technical, security and operational requirements.

SOLUTION

ManTech IS&T deployed Borland's StarTeam to replace a cost-prohibitive IBM Rational ClearCase system. Comprehensive and easy to use, StarTeam features a single, integrated interface for managing source code, change requests, tasks and topics, and provides a unified repository for key application lifecycle assets.

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“In order to keep the best and brightest delivering high-quality solutions, we must support them with the proper tools and infrastructure. Borland StarTeam is an essential component of our platform. It has increased our productivity, improved the quality of our Java and .NET applications and has delivered great value to our customers through more complete delivery of requirements.”

— Joseph Fox, President, ManTech IS&T

The ability to manage shared and reusable components in StarTeam accelerates IS&T's team productivity by promoting parallel development. StarTeam also enhances control of the ManTech development process by ensuring that all assets are versioned and changes automatically tracked, making it easier for project team members to monitor status and keep everyone in development up to date.

ManTech chose StarTeam because it provides a lower total cost of ownership, particularly with respect to administrator costs. The vendor-neutral repository also works within all of the different ManTech development environments. Today, ManTech is using StarTeam to manage processes and better document all of its projects.

RESULTS

Borland StarTeam is saving ManTech time and money, helping attract talented developers in a high-demand job market, and supporting constant improvement in software engineering.

Increased productivity

Today, ManTech IS&T uses StarTeam to manage more than 150 development projects for its clients. “Without StarTeam, it would be impossible for our development teams to maintain the levels of productivity we have, while continuing our goals to becoming CMMI certified,” said Fox.

High recruitment and retention rates

ManTech is able to fulfill its goal of employing and retaining talent throughout the U.S in part because StarTeam effectively supports distributed development. According to Fox, “Three years ago when we purchased IBM Rational, we found out the hard way that distributed development was costly. StarTeam provides the licensing flexibility we require to not only support our distributed teams, but also the unique requirements of our federal government customers. Without StarTeam distributed

development would be cost prohibitive and our ability to offer our employees the option of working from multiple locations would be too risky to project success.”

Reduced administrative time and cost

ManTech IS&T has approximately 250 developers using StarTeam in multiple locations, and the company is currently adding 150 more users. The developers report that StarTeam offers advanced functionality, yet it is easy to set up and use, reducing administrative time and cost. “StarTeam definitely has provided us with the flexibility to take on more projects,” Fox concluded.

Borland is the leading vendor of Open Application Lifecycle Management (ALM) solutions - open to customers' processes, tools and platforms - providing the flexibility to manage, measure and improve the software delivery process.