HITACHI
Inspire the Next

Tracking continuous improvement
Exponential savings

A leading oilfield services client with 118,000 employees operating in approximately 85 countries offering well site manufacturing, production and other oilfield services faced staunch competition. They realized that Continuous Improvement (CI) principles must be implemented at all levels in the organization in an effort to lower operating costs, improve quality and provide better services to their customers.

Business challenge

Implementing CI principles, the client made a decision to adopt Lean processes enterprise wide, striving constantly to improve every aspect of their business to advance efficiencies and cut waste. In order to effectively implement and measure the effectiveness of the Lean process, they needed a system to track and report on Lean projects through the entire project lifecycle from proposal to completion.

The client needed an enterprise solution to provide the following capabilities:

- Capture Lean project data and documentation
- Ability to process approvals from remote approvers across business verticals and geographies
- Report key Lean process KPIs throughout the levels of the organization
- Update user accreditation for Lean project certifications

Solution

Hitachi Consulting developed and deployed the CI Project Tracking Site using the Microsoft® SharePoint platform with visual web parts built to facilitate project lifecycle tracking, auditing and KPI reporting.

By leveraging the range of Microsoft technologies noted below, Hitachi Consulting was able to build an enterprise class solution to meet the needs of client.

- **Microsoft SharePoint Platform –** Hitachi Consulting leveraged the power of Microsoft's enterprise-ready portal and collaboration platform to build a robust business solution targeting the business users' key needs.
- **Microsoft SQL Server Platform –** Integrated with SharePoint, Microsoft's enterprise class database management system, which was used to store the CI process data and to build function-rich and user-friendly reports.
- **Microsoft .Net Framework –** Hitachi Consulting leverages the power of Microsoft's programming framework to customize our solution and integrate it with client systems already in place. Team member expertise and experience was applied across all activities as part of the standard Hitachi Consulting HFusion® Methodology, providing a foundation of elements tailored to this specific engagement.

Overview

Customer needed an enterprise-wide solution capable of tracking, auditing and reporting on Lean projects as part of their Continuous Improvement initiative.

To help customer achieve their goals, Hitachi Consulting developed a SharePoint-based solution to anage the Lean Project business process.

Business benefits

With the deployment of the CI Tracker solution at the organization, all 118,000 employees around the world now have access to one site to manage their Lean project initiatives. Savings as a result of a Lean project could now be processed and validated by financial validators in an efficient and controlled manner.

Designed with scalability in mind, the solution was built to accommodate the client and their continued growth. New businesses, along with their respective Lean data, were easily incorporated into the CI Tracker solution and created a de facto repository for Lean projects. The Lean initiative would continue to grow over the years resulting in thousands of daily users and a substantial amount of savings within the organization. The savings reflected in the diagram are savings, both directly and indirectly, realized during and after the completion of a Lean project.

Additional benefits

- Ability to collaborate on Lean projects with users from different locations
- Efficient workflow for project and savings validation
- Automation of user accreditation for Lean project certifications
- Aggregate savings reporting at specified organizational levels
- Easy data access for ad-hoc reporting

About Hitachi Consulting

Hitachi Consulting is the global solutions and professional services organization within Hitachi Ltd., a global innovation leader in industrial and information technology solutions and an early pioneer of the Internet of Things. Hitachi Consulting is a business integrator for the IoT era and a catalyst for digital transformation. Using our deep domain knowledge, we strategically collaborate with our clients to help them innovate faster, maximize operational efficiency and realize measurable, sustainable business and societal value. As a consulting-led solutions company, we can help you leverage data as a strategic asset to drive competitive differentiation, customer loyalty and growth. To learn more, visit www.hitachiconsulting.com.

Continuous improvement savings

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