LYDON SOLUTIONS

CASE STUDY:

Burns & McDonnell Program Management Portal

Burns & McDonnell

SINCE 1898

An award-winning project management & enterprise collaboration platform using Microsoft SharePoint

Burns & McDonnell
SINCE 1898

Client: Burns & McDonnell is a full-service engineering, architecture, construction, environmental and consulting solutions firm headquartered in Kansas City, Missouri. With over 4,500 employees and dozens of locations across the globe, Burns & McDonnell plans, designs, permits, constructs and manages facilities all over the world.

Project requirements: The Southern California Regional Office of Burns & McDonnell needed a unified project and information management environment to efficiently collaborate with multiple contractors and owners on complex projects spanning numerous locations. The required tool had to put all relevant project information, including data from various disparate enterprise systems, in one place. The environment had to be intuitive, flexible, scalable and secure.

The Lydon Solutions approach: Lydon Solutions values requirements gathering and definition as the most important phases of the software development lifecycle (SDLC). The Lydon Solutions team conducted numerous interviews with the sponsors and the stakeholders at Burns & McDonnell to capture a clear vision of the project priorities and requirements. This careful process of project definition enabled Lydon Solutions to deliver a program management portal to Burns & McDonnell that met their scope, budget and schedule requirements.

The solution: Lydon Solutions designed and built a project and information management portal leveraging Microsoft® SharePoint™2013 hosted on Lydon Solutions' Microsoft Azure™ data center. The Program Management Portal is a single location where project teams at Burns & McDonnell can receive updates on the overall health of projects.

"Lydon Solutions has been an integral part of the Burns & McDonnell Program Management Portal. Their teamwork approach to system development has proved to be the difference between a good product and a great product."

— Burns & McDonnell

SOLUTION OVERVIEW

CLIENT

Burns & McDonnell
A global construction management & consulting company

CHALLENGE

Build an enterprise collaboration platform supporting multiple internal & external stakeholders.

SOLUTION

Lydon Solutions provided an information management portal using Microsoft SharePoint 2013 featuring custom templates, dashboards and forms tailored to Burns & McDonnell's business needs.

RESULTS

- Cost efficiencies through increased project productivity
- Centralized information
- Project collaboration between Owner, Contractor, and Construction Manager
- Elimination of redundancies
- Dashboards for reporting and management decision making
- Forms and workflow for controlling and standardizing processes
- Document collaboration

Executives from Burns & McDonnell honoring the Lydon Solutions team with awards for the Program Management Portal Project.

Using an externally hosted Microsoft SharePoint 2013 deployment allowed Lydon Solutions to aggregate the required project data by integrating with the numerous existing enterprise software tools used by Burns & McDonnell and its clients and contractors. Lydon Solutions proposed this approach to simplify deployment and avoid replacing or adding new systems. Leveraging SharePoint also reduced training needs and eased user adoption of the new tool.

Lydon Solutions delivered custom templates, dashboards and forms tailored to the workflow needs of each user group at Burns & McDonnell. Additional functionality was provided by Lydon Solutions' library of custom and third party modules adopted to the specific needs of the construction management industry. Portlets, web components integrating data from various sources, were used to present aggregated project information to Burns & McDonnell users in a way that is simple, easy to understand and actionable. This modular approach makes the Program Management Portal highly configurable. The various dashboards and portlets can be configured to meet the needs of each project team and can be linked into forms, charts, reports, lists and other integrated data.

ABOUT LYDON SOLUTIONS

Lydon Solutions delivers scalable project and information management solutions—people, processes and tools—tailored to the needs of our clients in the construction industry.

Our talented team of consultants and developers combine hands-on construction industry experience with in-depth IT expertise.

Whether you need professional services, business consulting or software tools to better manage projects and information, Lydon Solutions is here to help.

RESULTS

The Program Management Portal created by Lydon Solutions was extended as a flexible template for major programs for Burns & McDonnell's clients, including Southern California Edison, San Diego Gas and Electric, Pacific Gas and Electric, First Energy and American Electric Power.

Lydon Solutions was recognized by Burns & McDonnell in July 2014 with an award for the successful design and deployment of the Program Management Portal project.

CONTACT US

Learn how Lydon Solutions can help your organization enhance its project and information management processes. Contact us for a consultation.

Main: 714-589-2000
Sales: 714-589-2143
sales@lydonsolutions.com

www.lydonsolutions.com