bowdark

Improving Environmental Health and Safety Event Reporting

SUMMARY

Bowdark partnered with a Fortune 500 company leading independent oil and natural gas production in the U.S. The company attributes their success to customer service, operational efficiency, and the importance they place on the environmental safety and impact of their operations. As the company grows, more people need an easy way to report safety events. By building around existing infrastructure, Bowdark delivered a scalable solution that consolidates and extends the reach of SAP apps and facilitates reporting by users across the company from the office or field.

BUSINESS OVERVIEW

Size

1,500+ employees

Country

United States

Industry

Oil and Gas

Products and Services

SAP Environment, Health, and Safety Management (EHSM) and Fiori
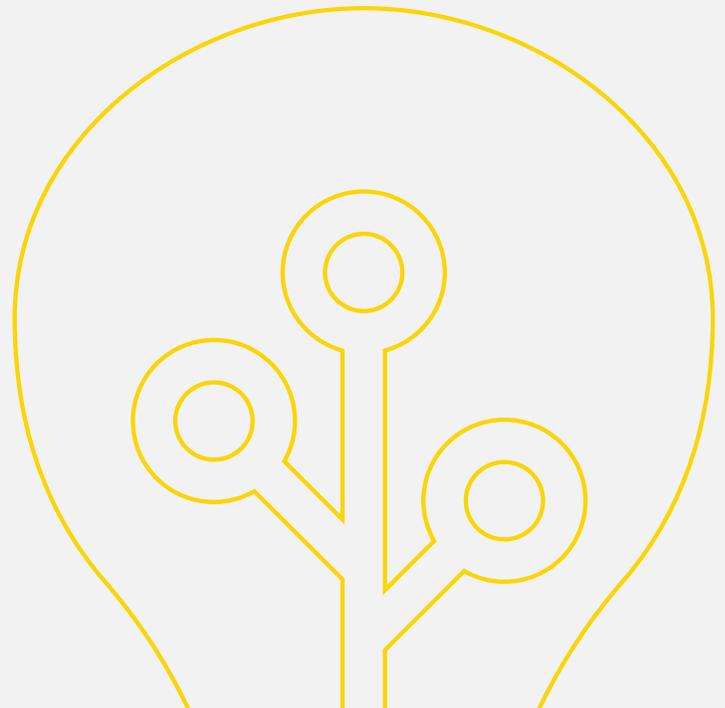
CHALLENGE

Reporting environmental health and safety (EHS) events is critical and reliant on busy and evolving staff who report on top of other tasks and using several apps. This is a challenge because inefficient reporting impacts other operations, unreliable reporting impacts compliance, and for staff, adopting a new app is inconvenient.

APPROACH

Bowdark partnered with the company and provided services to design and develop a single web app around existing SAP infrastructure. Leveraging SAP technology available to the company, the team aimed for a new but familiar app for staff and a consistent app experience across desktop and mobile devices.

Partner services

SAP®   ☁ Cloud   👤 Advisory

SOLUTION
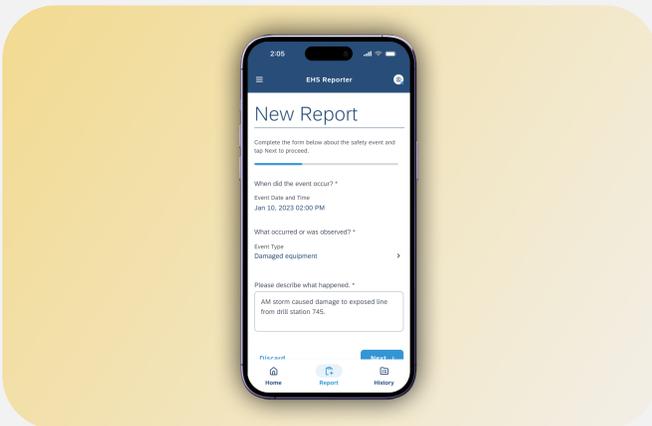
A SAP Fiori-based Progressive Web App (PWA) that consolidates multiple EHS apps into a simple one-stop-shop for reporting events and is easy to install from any device. Also, the solution:

- Leveraged the company's existing SAP technology without special customization.
- Avoided complex rollouts and costly middleware.
- Eliminated outdated EHS legacy apps.
- Supports offline use when there's no connection.
- Updates though a single, internally-supported app built on Fiori/SAP UI5 technology.

OUTCOME

By innovating around existing infrastructure, Bowdark helped the company keep license and maintenance costs low, extend the reach of available technology to more users in more contexts, and boost reporting across the company.

Minimized costs by cutting redundant apps and creating a PWA.

Simplified deployment across devices with one-tap installation.

Increased the number of events reported by 21%.

Discover more at
Bowdark.com