



ONINDUS

Case Study

The Engineering Department of a U.S. county implements Project Controls Dashboard in ten weeks.



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CUSTOMER OVERVIEW

With the support of OnIndus, the Engineering and Information Technology Department of the large county in the U.S. created an innovative solution to improve the planning, design, and construction of various buildings, roads, bridges, traffic signals, drainage, parks, and other architectural and maintenance projects.

ABOUT ONINDUS

OnIndus is a digital transformation consulting company that focusses on the design and construction industry. We specialize in:

- Business Automation
- System Integration
- Change Management
- Business Intelligence



We are a National Minority Supplier Development Council (NMSDC) certified Minority Business Enterprise (MBE)

Key Highlight

The customer was using e-Builder as their primary PMIS tool.





PROJECT CHALLENGES

The Engineering Department of the county currently leverages a centralized program management information system viz. e-Builder. The system has been established as a source of truth across all facets of a capital construction project.

The Engineering Department was seeking **interactive visual dashboards to measure overall program and project health.**

After conducting in-depth research, the county's Engineering team identified **Microsoft Power BI** as the preferred reporting tool for enhanced business intelligence.

The OnIndus team was hired for their knowledge of Owner Industry, e-Builder DataWarehouse, and Power BI dashboards.

Key Solution

The county's engineering team chose Power BI as the preferred tool.



Technologies we specialize in

PROCORE®

kahua⁺



e-Builder®

tableau

Power BI

ORACLE



HOW ONINDUS WAS ABLE TO HELP

OnIndus conducted multiple requirements workshops with different team members of the said county's Engineering Department to capture all key performance indicators. It was aimed to allow the department to gain visibility into the performance of all projects.

- Conducted a gap analysis using e-Builder data and e-Builder's data warehouse for data accuracy.
- Developed Program Controls Dashboard prototypes based on the best practices KPI for owners.
- Conducted user-acceptance testing with Project Delivery Director and other key stakeholders. Once approved, it was deployed in the chosen Power BI environment.
- The Engineering Department of this U.S. county received customized dashboards (live) for use **within ten weeks**.

We Offered

Our expertise in Power BI and e-Builder integration to create live customized dashboards.





RESULTS AND OUTCOMES

The following Power BI dashboards were successfully delivered to the U.S. county's Engineering Department:

Key Results

OnIndus delivered four customized dashboards inside Power BI within ten weeks.

- **Program Cost Summary** dashboard provides a high-level cost overview of the program based on the precinct, project phase, project types, and departments with drill-down capabilities.
- **Detailed Cost Summary** dashboard provides a detailed cost report of the program based on the project phase, a department with drill-down capability to individual projects.
- **Earned Value Management** dashboard provides an overview of the Cost Performance Index (CPI) and Schedule Performance Index (SPI) and Earned Value (Current & Planned) by Precinct, Project phase, and department with drill-down capabilities to individual projects.
- **Project Status** dashboard with paginated reports - an improved status report - which contains live data from all active projects in the precinct, delivered in an easy-to-read format.





ONINDUS

OnIndus improves how capital projects are executed by unifying the AECO ecosystem, delivering solutions that benefit owners as well as front-line workers in the field.

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