

Common Data Environment Implementation



Fichtner Consulting Engineers

INFRASTRUCTURE

Common Data Environment Implementation

Project Name	30+ Projects
Category	Infrastructure
Client Name	Fichtner Consulting Engineers

FICHTNER

Problem Statement

Managing over 30 concurrent projects created significant challenges in coordination, visibility, and cross-functional oversight. Existing tools were fragmented, and teams relied on manual processes to track progress and manage information.

Full authoring licenses for software were procured despite being used primarily for reviewing, leading to unnecessary operational expenditure. Manual reporting workflows led to delayed insights and critical decision-making across departments.

A flexible, integrated platform was required to support the client's dynamic approval processes while ensuring transparency and efficiency at scale.

Stakeholders Involved



Design & Project Management Teams



Internal Reviewers & Approvers

Solution

A unified Common Data Environment was implemented to streamline coordination, reduce reliance on fragmented tools, and maintain consistency across projects.

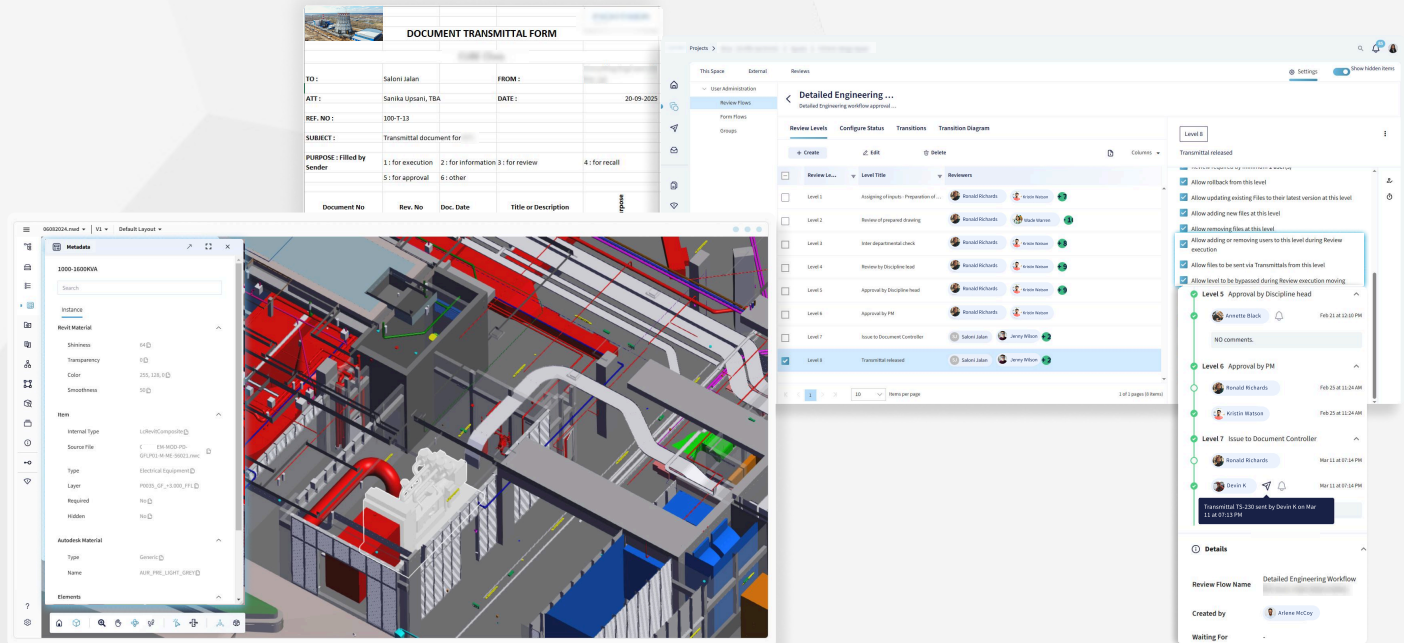
The platform enhanced reporting accuracy, shortened review cycles, and enabled seamless collaboration among distributed teams.

- **Automated Reporting** – Auto-generated reports reduced manual work, minimized errors, and provided timely insights
- **Simplified Documentation** – Centralized Transmittals and Forms enabled compliance and helped manage documentation
- **Integrated Modules** – Brought isolated tools into one workflow, enabling users to send Transmittals directly from the Reviews interface.
- **Flexible Review Workflows** – Customizable approval flows, including forward and backward bypass, ensured adaptability to evolving needs.

Implemented Features

-  CAD & BIM Viewer
-  File Management
-  Spaces

-  Transmittals
-  Reviews & Approvals
-  Issue Management



50 %
reduction
in reporting
errors

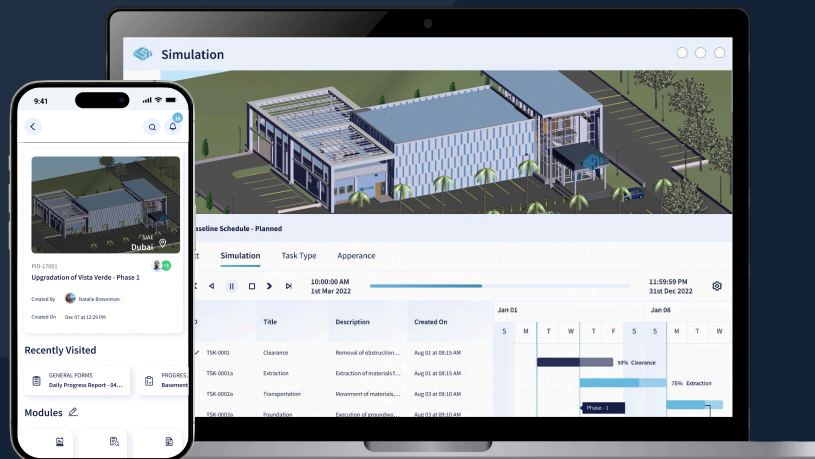
250+
Users

40%
faster
report
generation

Benefits

- Enhanced collaboration and real-time visibility across multiple project workflows
- Reduced manual effort and errors by automating reporting
- Accelerated review cycles with customized approval flows and integrated Transmittals
- Improved transparency through centralized documentation and standardized processes
- Faster, data-driven decisions supported by accurate and live updates

Ready for a smarter approach?
Start your CUBE journey today.



BOOK A DEMO