

Custom solution for Secure Public Sector Workflows



Central Public Works Department

INFRASTRUCTURE

Secure Public Sector Project Management, India

Project Name	700+ Projects
Category	Infrastructure
Client Name	Tech Mahindra for Central Public Works Department



Problem Statement

Managing 700+ large-scale projects presented challenges in standardization, coordination, and secure data handling. The client needed to digitize file access, reviews, sharing, and approval processes across multiple locations.

A more customizable, cost-effective solution was required, along with secure on-premise storage that complied with strict government standards.

Stakeholders Involved

Project Management Team	Engineers & Technical Staff
Contractors and Subcontractors	Government & Regulatory Authorities

Solution

A secure, customizable document management system was deployed to streamline workflows, improve collaboration, and enforce compliance across projects.

285+ training sessions were conducted to ensure that the users would be able to adapt to CUBE's environment.

- **CAD & BIM Viewer** – Enabled collaborative review of 2D and 3D project files.
- **Issue Marking & Tracking** – Allowed teams to flag, track, and resolve project issues efficiently.
- **Automated Estimation & Cost Mapping** – Extracted quantities and linked them to DSR data for accurate budgeting.
- **Secure Data Hosting** – Implemented on government-procured cloud servers with strict compliance protocols.
- **Custom Approval Workflows** – Designed user roles, permissions, and approval chains tailored to organizational standards.

Implemented Features



CAD & BIM Viewer



Document Reviews & Management



Issue Management



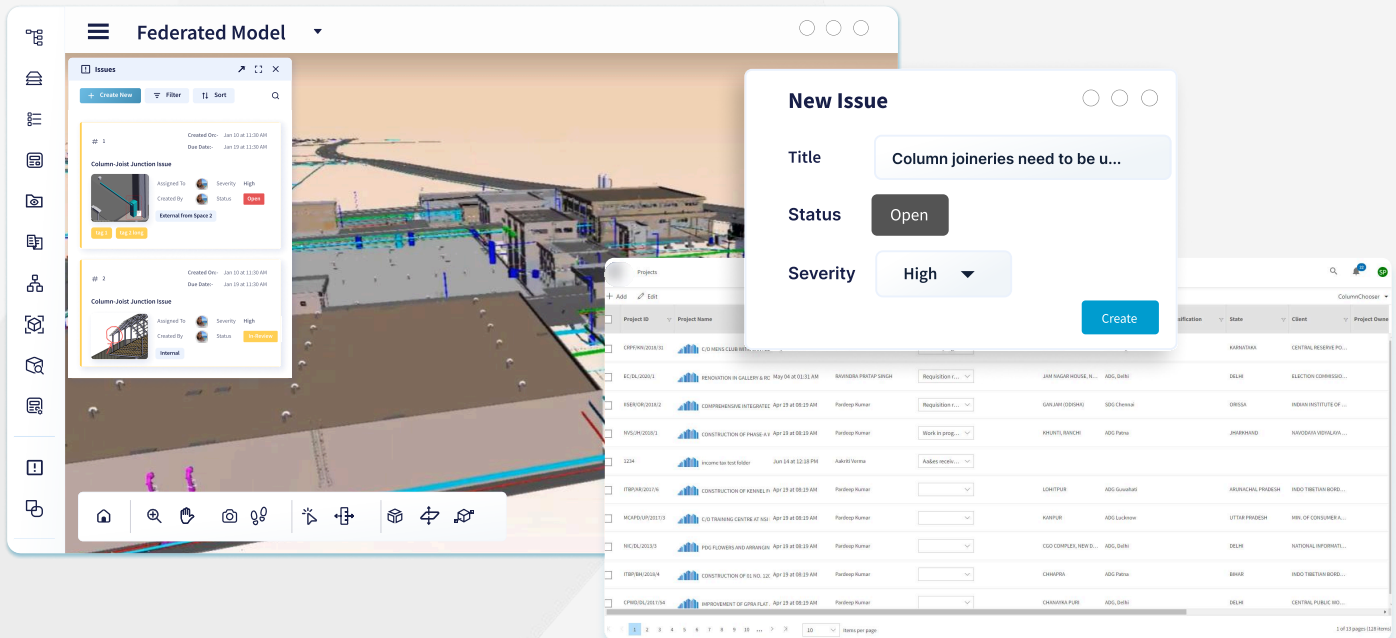
Estimates



Hosted on Private Cloud



Task Management



₹50 Cr+
CapEx per
project

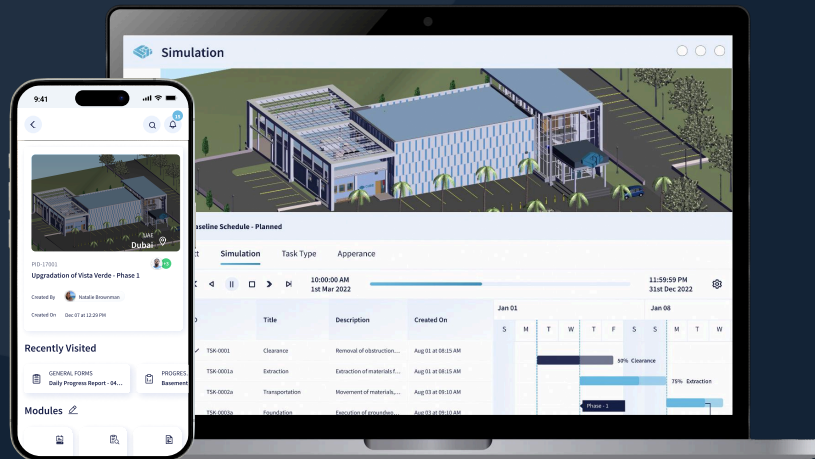
700+
Projects
Managed

20,000+
Users

Benefits

- Standardized workflows and approval processes across multiple locations.
- Enhanced visibility and collaboration on drawings and estimates.
- Faster approvals and improved project coordination.
- Secure data storage ensuring compliance with government standards.
- Automation of estimation and cost management for accuracy and efficiency.

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



BOOK A DEMO