

Madhya Pradesh Metro Rail Corporation Limited



Indore & Bhopal Metro Rail Project

INFRASTRUCTURE

Madhya Pradesh Metro Rail Corporation Limited

Project Name	Indore & Bhopal Metro Rail Project
Category	Infrastructure (Rail and Metro)
Client Name	Madhya Pradesh Metro Rail Corporation Limited



Problem Statement

Madhya Pradesh Metro Rail Corporation Limited (MPMRCL) needed to digitize construction processes for design & project management, reduce dependence on point based solutions and centralize document management, site correspondence, and billing workflows.

A cloud-based solution for centrally managing Design, Supply, Implementation, Support and Maintenance activities was required to minimize latency in cross-functional coordination across all stages of the project's lifecycle.

Stakeholders Involved



MPMRCL Project Management Team



Design and Planning Teams



Contractors and Subcontractors



Operations and Maintenance Teams

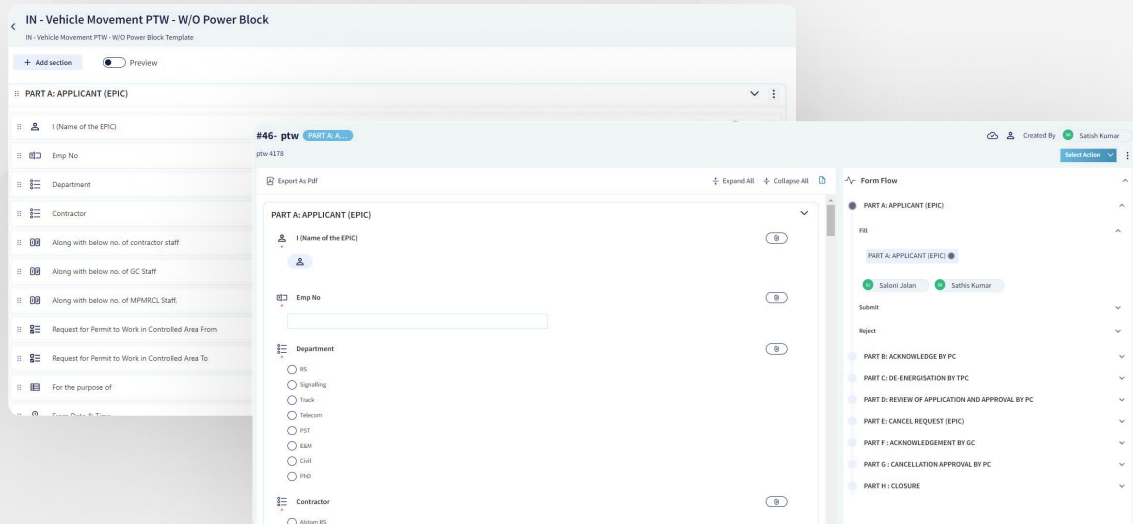
Solution

A Project Management Information System for Indore Metro Rail Project and Bhopal Metro Rail Projects was deemed essential to facilitate project oversight, ensure smooth operations and to adhere to the stringent web of timelines, budgets, and stakeholder coordination

- **Customized Platform** – Tailored to MPMRCL's specific requirements.
- **Document Management** – Organized folders aligned with operational hierarchy.
- **Schedules & Estimates** – Linked data for efficient subcontractor allocation.
- **Issue Management** – Enabled quick resolution and stakeholder collaboration.
- **Progress Tracking** – Configured reports, checklists, and request forms.
- **Asset Management** – Updated metadata and created digital twins.
- **Secure Cloud Storage** – Hosted on MeitY-empanelled servers for compliance.

Implemented Features

-  Document Management
-  Contracts and Task Management
-  Issue Management
-  Asset Management
-  Project Reporting and Monitoring
-  Remote Data Capture



\$4B
Project Value

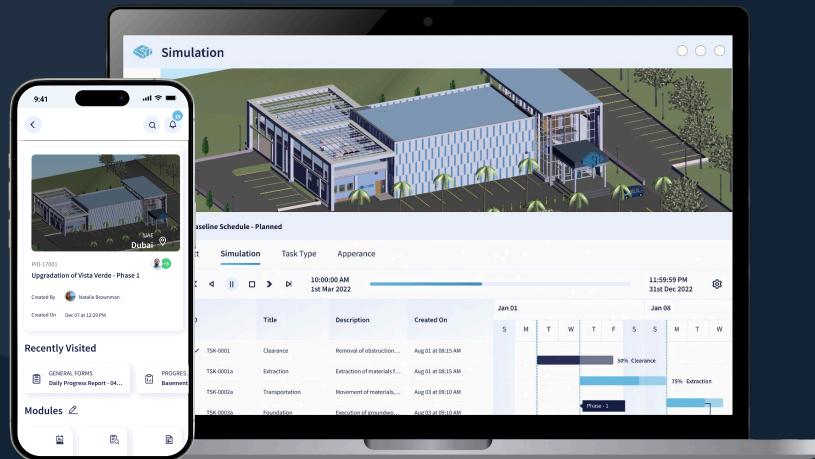
300+
Users

100%
Cloud-based
operations

Benefits

- Enhanced collaboration and real-time project updates
- Reduced administrative overhead with automated workflows
- Improved issue resolution and project transparency
- Seamless asset tracking and digital twin creation for lifecycle management
- Secure, cloud-based data storage ensuring accessibility and compliance

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