



HIGHWAY & RAILWAY PROJECTS

The RFI Based Construction Management
Software Solution (In Compliance With
NHAI / RVNL Guidelines & Standards)

INTRODUCTION

In today's fast-paced infrastructure development landscape, efficient project management is crucial to delivering high-quality results on time and within budget. Our cutting-edge IT solution TactCPM is specifically designed to cater to the unique demands of National Highway (NHAI) and Railway (RVNL) projects. This innovative, Request for Inspection (RFI) based platform digitizes the entire project management process, ensuring compliance & enhancing operational efficiency.

By leveraging the expertise of construction industry specialists and thought leaders, TactCPM solution design enables firms to navigate the complexities of large-scale infrastructure projects, driving superior decision-making and achieving higher standards of project execution.

TactCPM stands out with its unique, proprietary features that streamline work tracking and completion through the RFI-based system. This approach not only provides a clear and transparent method for monitoring project progress but also helps in minimizing delays, reducing costs, and optimizing resource allocation.

It is built to empower linear construction businesses to manage their projects more effectively by integrating multiple modules, including Chainage Charts, Batching Plants, Weighbridge, QA/QC, Store & Inventory Management, Vehicle & Diesel Management, Billing, Accounting, and Attendance Management, among others. Essentially, it serves as a comprehensive ERP tailored for the construction industry.



The Think-Tank behind TactCPM

TactCPM was born from a strategic collaboration between seasoned Civil Engineering experts and visionary IT professionals. This powerful synergy ensures a future-ready solution that drives long-term transformation in construction management. By blending deep industry expertise with cutting-edge technology, TactCPM unlocks limitless possibilities in the construction sector through IT-driven innovation. Kudos to the team behind the venture.



Sandeep Bansal

Civil Engineering |
NIT, Jaipur | 1997

A seasoned civil engineering professional with over 25 years of experience, having contributed to prestigious organizations such as L&T, Engineers India Ltd., NTPC, BHEL, Ashoka Buildcon, RVNL, NHAI, and more. Renowned for visionary thinking, they have always aspired to create a ground-breaking IT solution tailored to the construction industry—one that addresses the comprehensive, end-to-end needs of construction management and project development.

 <https://www.linkedin.com/in/sandeep-bansal-64623314/>



Rajesh Tiloda

Civil Engineering |
NIT, Jaipur | 1997

A seasoned civil industry veteran with over 25 years of experience, who, after gaining extensive professional expertise, founded ART Infrastructure Pvt. Ltd. in 2005. Based in Mumbai, the company has achieved significant success under his leadership. Driven by a passion for innovation, he remains committed to transforming the construction sector through IT enablement, blending technology with industry expertise to revolutionize project management.

 <https://www.linkedin.com/in/sandeep-bansal-64623314/>

**Vikas Chahal**

IT Engineering | IET
Lucknow | 2000

With a rich professional background that includes working with esteemed organizations like TCS and Infogain, he also successfully co-founded FoundLay Technologies. He has served a diverse global clientele across industries such as banking, retail, e-commerce, ConTech, and PropTech. A TOGAF-certified professional, he is deeply passionate about architectural design, cutting-edge technologies, and innovative product development.

 <https://www.linkedin.com/in/sandeep-bansal-64623314/>

**Sachin Rakheja**

Product Specialist |
IIM Lucknow | 2013

A dynamic business enthusiast with diverse industry experience across business consulting, management, product development, and sales. As an IT industry veteran, he has previously worked with leading organizations such as Infosys, GlobalLogic (formerly Induslogic), and Infogain, serving Fortune 500 clients including Microsoft, Oracle, FedEx, and others. He later channelled his expertise into entrepreneurship, co-founding FoundLay Technologies, an innovative IT venture.

 <https://www.linkedin.com/in/sandeep-bansal-64623314/>



TACTCPM: Empowering Construction Excellence

VISION

To Revolutionize The Construction Industry By Delivering Innovative, Technology-Driven IT Solutions That Empower Businesses To Achieve Unparalleled Efficiency, Transparency, And Excellence In Project Management.

MISSION

Our Mission Is To Empower The Construction Industry With Cutting-Edge Technology Solutions That Simplify Project Management, Enhance Operational Efficiency, And Drive Measurable Results. We Aim To Form A Collaboration That Would Strive Towards An Everlasting Platform That's Continuously And Consistently Transforming In Line With The Industry And Business Needs.

OBJECTIVE

Our Objective Is To Empower Businesses To Deliver Projects Efficiently, Cost-Effectively, And With Unmatched Precision, While Fostering Long-Term Growth And Sustainability. We Aim To Achieve A 20% Reduction In Project Execution Time And A 35% Improvement In Resource Utilization For Clients Within The First Year Of Implementing The TACTCPM Solution, While Maintaining 100% Compliance With NHAI And RVNL Standards.

TactCPM Unique Solution Offerings

TACTCPM is an innovative, IT-enabled solution designed to streamline and optimize construction project management. The solution offerings encompass end-to-end project lifecycle management with features like:



- ✓ **RFI-Based Tracking:** Simplified work tracking and completion workflows.
- ✓ **Chainage Chart Automation & Generation:** Driven by RFIs ensuring seamless alignment with project progress and site execution.
- ✓ **RA Bills & Automated Billing:** Streamlined automated project billing and invoicing, ensuring accuracy, compliance, and efficiency.
- ✓ **Tender Management:** Efficient handling of tenders, BOQs, work orders, and schedules.
- ✓ **Batching Plant & Weighbridge Integration:** Seamlessly integration for precise material tracking, reduced wastage, and optimized project efficiency.
- ✓ **QA QC Functions:** Enable streamlined recipes, forms, and real-time reporting for flawless execution.
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- ✓ **Equipment & Maintenance:** Maximizes equipment efficiency and lifespan with maintenance tracking and utilization management tools.
- ✓ **Resource Optimization:** Real-time inventory, diesel, and equipment tracking to maximize resource utilization.

WHY TACTCPM: The compelling reasons for your Business

01 Purpose-Built for Infrastructure Projects:

- Tailored for NHAI & RVNL projects, TactCPM is built specifically to address the complexities of highway and railway construction. Unlike generic software, it's designed with industry-specific features and workflows that align with government compliance standards. This means faster project approvals, smoother execution, and less time spent adapting to regulations.

02 Boost Productivity with Automation:

- TactCPM automates critical tasks such as RAC billing, invoicing, RFI approvals, attendance tracking, diesel management, and more. Automation significantly reduces human errors, cuts administrative costs, and frees up your team to focus on value-added activities, ultimately shortening project timelines and improving overall productivity.

03 Comprehensive, All-in-One Solution:

- TactCPM replaces multiple fragmented systems with a fully integrated platform that manages every aspect of your project, from planning, execution, tracking, monitoring, store management and procurement to HR, finance, and equipment management and more. This eliminates data silos, improves communication across departments, and provides a single source of truth for your entire operation.

04 Real-Time Insights for Superior Decision-Making:

- Make decisions based on real-time data across your project's lifecycle. TactCPM provides dynamic reports that give you an instant view of work progress, resource utilization, cost tracking, and more. The S-Curve analysis helps monitor planned vs. actual performance, allowing for early detection of delays and immediate corrective actions—before minor issues turn into costly problems.

05 Cost Savings and Resource Optimization:

- TactCPM ensures optimal use of resources by tracking inventory, diesel consumption, and equipment utilization in real-time. This not only prevents waste and theft but also reduces project costs.

06 Proven Compliance and Risk Mitigation:

- With built-in compliance for NHAI and RVNL projects, you can avoid costly delays and fines. The system ensures that all processes adhere to government standards, and transparent reporting minimizes the risk of compliance-related issues, giving you peace of mind.

07 Scalable for Projects of Any Size:

- Whether managing a single project or dozens of large-scale infrastructure undertakings, TactCPM scales effortlessly to meet your needs. As your business grows, the platform grows with you, offering customizable modules to fit specific workflows and project scopes.

08 Seamless Integration Across Departments:

- TactCPM connects all your key departments—from HR and finance to stores, equipment, and site operations—in a unified system. This integration boosts collaboration, speeds up decision-making, and ensures every team works with up-to-date data, leading to more coordinated and efficient project execution.

09 Increased Accountability and Transparency:

- Every task, resource, and decision is traceable within TactCPM, creating a clear audit trail. Features like RFI-based work tracking and automated reporting ensure accountability at every stage. This transparency builds trust with stakeholders, clients, and regulators, while also improving project governance.

10 Industry Expertise and Unmatched Support:

- TactCPM is developed by industry veterans who understand the unique challenges of large-scale construction projects. This expertise is reflected in every feature, ensuring the solution fits real-world project needs. Backed by dedicated support, TactCPM guarantees a smooth implementation and ongoing optimization, ensuring that your team gets maximum value from the system.



Testimonials



In today's IT-driven world, managing large-scale projects without the right tools was becoming increasingly challenging. After exploring multiple ERPs, we found that most required significant customization to meet our needs, making them both time-consuming and costly to implement. Then we discovered **TACTCPM**, and it was a game-changer. The team introduced us to their solution with great enthusiasm, and it was immediately clear that this wasn't just another generic ERP. **TACTCPM is purpose-built for highway and railway construction projects**, and it fit seamlessly with our workflows from day one. The platform's intuitive design made it easy to adopt, and the **rapid implementation** was impressive. With **real-time data access and reporting**, managing our projects has become significantly more efficient. Not only did **TACTCPM** meet our expectations, but the team also customized it to suit our specific needs without the typical time and expense burdens. We highly recommend **TACTCPM** for any company involved in highway or railway construction—it's a solution that truly understands the industry.

~TMAP LLP



Contact Us

HEADQUARTER

CHANDIGARH | MANIMAJRA | CH 160101 IN

CORPORATE OFFICE

Mumbai | J. N. Road Santacruz East, | Maharashtra, India - 400055

DEVELOPMENT CENTRE

Noida, U.P. - 201309

SALES:

 (91) 8178013196 / (91) 9417022938

 sales@tactcpm.com

SUPPORT:

 (91) 9717991912 / (91) 9417022938

 sales@tactcpm.com

