

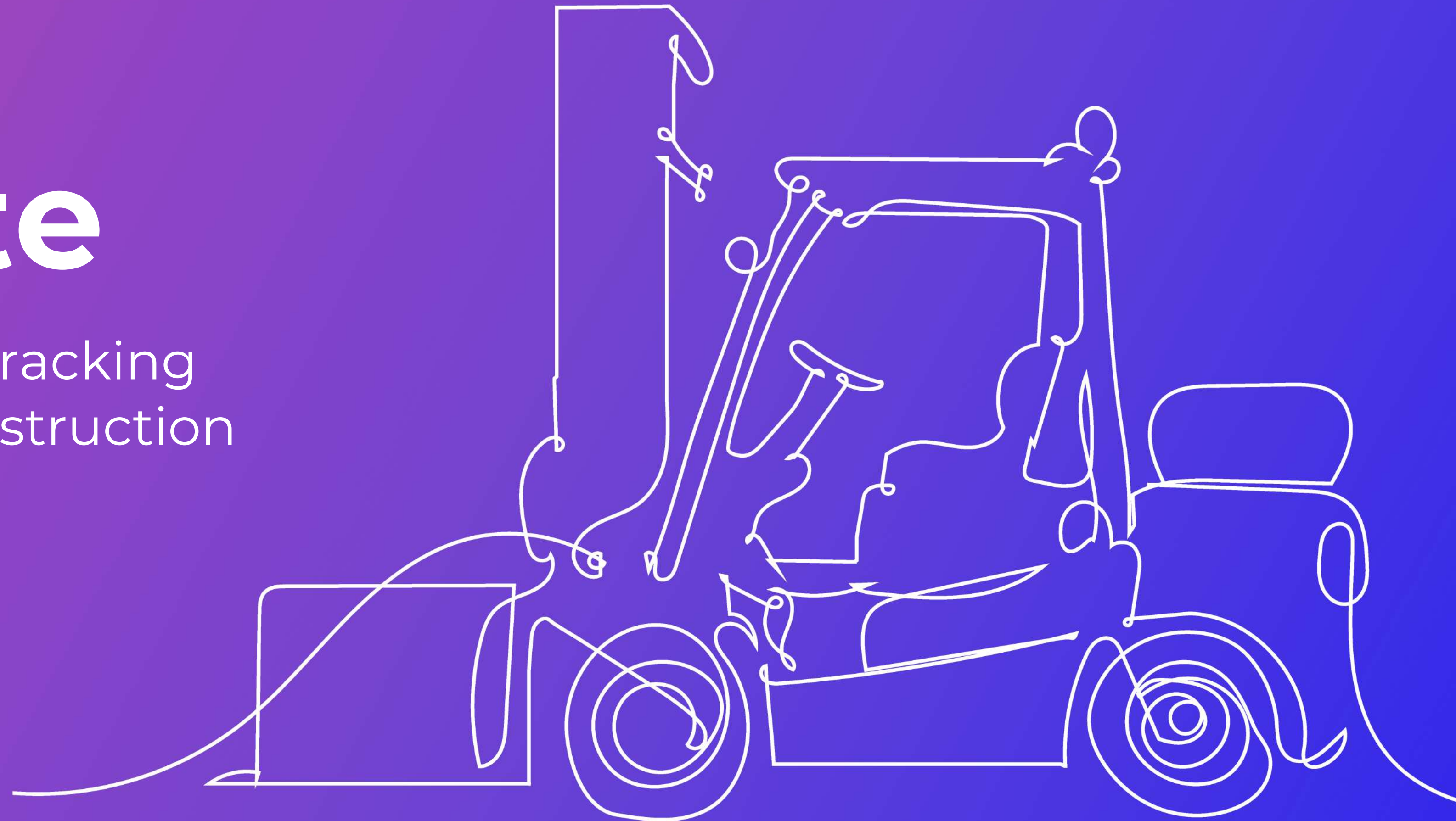
CASE STUDY



TrackMate

Digital Material Delivery Tracking System for a Leading Construction Company

www.zoondia.com



TrackMate

Category : **Construction**

Location : **Kuwait**

Business Background

A prominent construction and civil engineering company headquartered in Parma, Italy, with operations in Kuwait, approached us to address challenges in material delivery tracking. Their need to streamline the flow of goods and services across multiple stakeholders was critical to maintaining efficiency and operational success. This case study highlights the challenges they faced, the solution we developed, and the benefits achieved.



Challenges

- **Inefficient Tracking**

The existing system lacked a comprehensive tracking mechanism, leading to delays and errors.

- **Complex Coordination**

Multiple stakeholders, including Super Admins, Project Admins, Procurement, Logistics, Cost & Accounts, QA, Subcontractors, and Suppliers, required synchronized workflows.

- **Manual Processes**

Reliance on manual methods hindered accuracy and transparency, especially for payments and approvals.

- **Limited Visibility**

Stakeholders had no real-time access to material status, resulting in inefficiencies.



Approach

Research & Analysis

We analyzed the company's workflow, identified bottlenecks, and mapped out areas for improvement.

Designing the Solution

We developed a tailored Material Delivery Tracking System to:

- ▶ Provide real-time material tracking from dispatch to delivery and payment.
- ▶ Integrate workflows for seamless stakeholder collaboration.
- ▶ Offer user-friendly dashboards for role-specific data access.

Implementation

Key features:

- ▶ **Centralized Tracking:** Real-time tracking for materials.
- ▶ **Role-Specific Modules:** For Admins, Procurement, Logistics, and others.
- ▶ **Automated Alerts:** Notifications for delays and updates.
- ▶ **Payment Integration:** Streamlined traceability from dispatch to payment.
- ▶ **Analytics:** Actionable insights for decision-making.



Results

● Operational Efficiency

The online platform significantly boosted sales by attracting a broader audience.

● Improved Collaboration

Customization options provided a personalized shopping experience, increasing customer satisfaction and retention.

● Real-Time Visibility

The accounting system streamlined payment processes and reduced manual effort.

● Cost Savings

The business successfully expanded its reach beyond local walk-ins to online customers across Qatar.

● Informed Decisions

Data-driven insights for process improvements.

Screenshots

TrackMate Chang Ling Procurement Officer

Total Shipment **288** | In - Transit **14** | Delayed **06** | Total Sub Contractors **28**

PO Status

Filter by: All In Transit Completed

PO Number	Procurement Officer	Sub Contractor	Logistic Officer	Cost&Accounts Officer	QS/QA
PR/244/ORD		Waiting For Status			
PR/346/ORD		Expected Delivery 18 Jan 2020			
PR/254/ORD		Waiting to Upload Invoice			
PR/227/ORD					
PR/444/ORD					

TrackMate Chang Ling Logistics Officer

Order Track PZ/01478/ORD

Production Time
Testing Time
Lead Time
Shipping Time
Custom Clearance

Delivered Items

Item Code	Item Name	Qty	Unit
SK2540	Cement	420	20kg/Pack
SK2545	Steel	10	Ton
SK2540	Electric Wire	220	100m/Pack3
SK2530	Tile	28000	sqft

Documents

SI No	Doc Name	Date
1	Cement.pdf	1 June 2019
2	contractormaa.pdf	2 April 2019
3	ElectricWire.pdf	22 Nov 2019
4	Tile.pdf	18 Jan 2020

TrackMate Chang Ling Sub Contractor

Total Shipment **08** | In - Transit **03** | Delayed **02**

PO Status

Filter by: All In Transit Completed

PO Number	Delivery Date	Status	Actions
PR/244/ORD		Pending	Add Delivery Edit Delete Comments
PR/346/ORD		Pending	Add Delivery Edit Delete Comments
PR/254/ORD	1 June 2019	Redy to Transit	Add Delivery Edit Delete Comments
PR/227/ORD	2 April 2019	Redy to Transit	Add Delivery Edit Delete Comments
PR/444/ORD	22 Nov 2019	Completed	Add Delivery Edit Delete Comments
PR/444/ORD	18 Jan 2020	Completed	Add Delivery Edit Delete Comments

TrackMate Chang Ling Sub Contractor

Total Shipment **08** | In - Transit **03** | Delayed **02**

PO Status

PZ - 158 - ORD

Procurement Officer: Good morning

Please Let me know the status of delivery of the materials

Logistics Officer: Good morning

We are planning to sent the materials by the mid of december

Procurement Officer: OK

Preferred Industries

- **Construction and Real Estate**

Ideal for tracking materials and equipment across multiple sites to ensure timely project completion.
- **Manufacturing**

Assists factories in managing the delivery of raw materials and finished goods efficiently.
- **Logistics and Supply Chain**

Supports freight companies and warehouses in tracking shipments and deliveries.
- **Oil and Gas**

Helps manage the transportation and tracking of materials in high-risk and remote areas.
- **Retail and Wholesale**

Facilitates inventory management and delivery tracking for retail chains and wholesalers.
- **Infrastructure Development**

Ensures timely delivery of construction materials for large-scale infrastructure projects.
- **Utilities and Energy**

Tracks equipment and material deliveries for power plants, water treatment facilities, and renewable energy projects.
- **Mining and Natural Resources**

Manages the transport of raw materials and supplies in mining operations.



KEY TAKEAWAYS

This case study showcases how tailored digital solutions address complex challenges. The implemented Material Delivery Tracking System optimized operations, boosted stakeholder satisfaction, and supported sustainable growth.



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