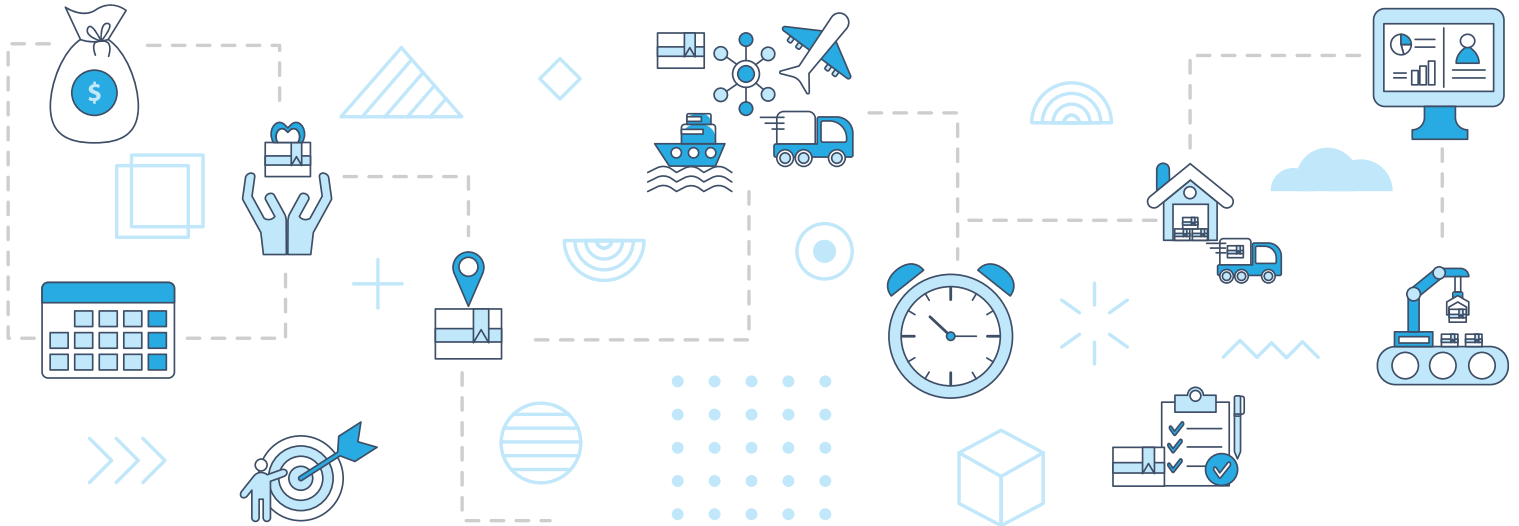
TMA innovation

Logistics Solutions



Logistics Overview

Transportation management

- Transportation management system
- Container monitoring
- Container loading calculator

Warehouse

- Warehouse management system
- Smart glasses for warehouse operations
- Package & parcel inspection

Safety & security

- Access control
- Fire alarm monitoring
- Parking detection
- Safety monitoring & compliance

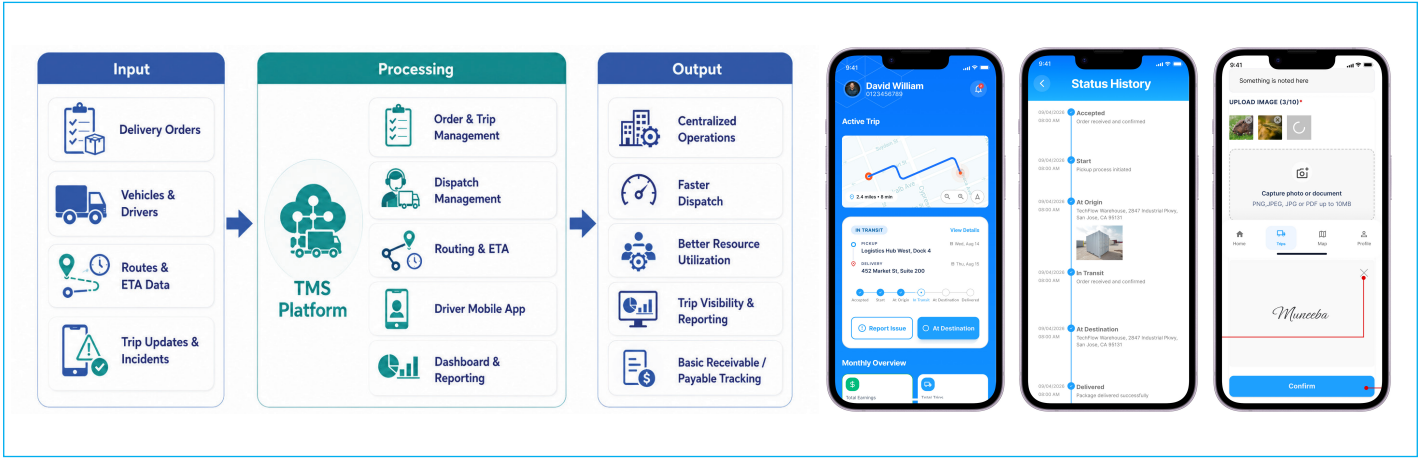


Solutions

Transportation management system

Supports transportation planning, coordination, execution, and monitoring on a unified platform.

Centralized transportation operations	Optimized dispatch & planning	Real-time delivery visibility



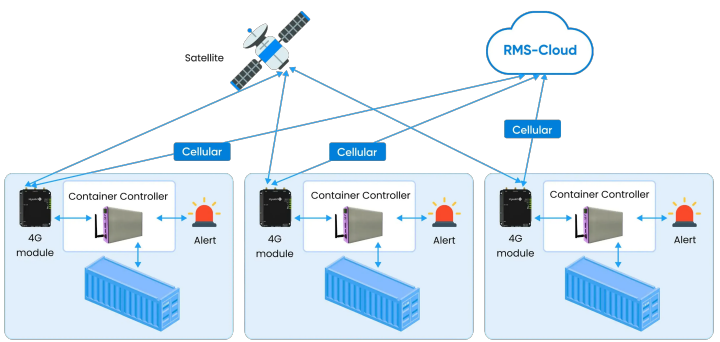
Container monitoring

Monitor refrigerated container conditions in real time through a centralized platform.

Continuously capture temperature, humidity, and location of reefer container

Generate real-time alerts when parameters exceed thresholds

Support remote monitoring and control through web and mobile applications

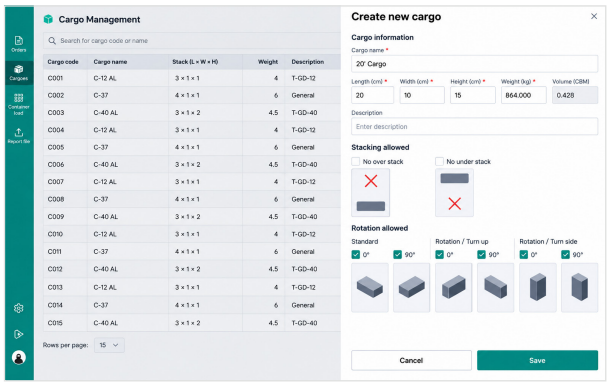


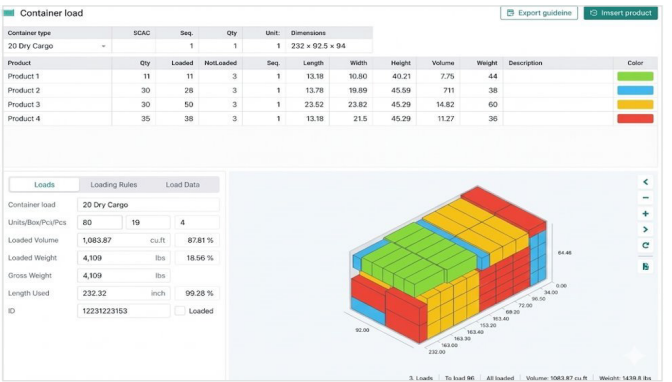


Container loading calculator

Optimize container loading with intelligent algorithms that automate loading planning, maximize space utilization, improve loading efficiency, and reduce shipping costs

- Ai-powered loading optimization
- Visual load simulation
- Flexible loading rules & multi-container support





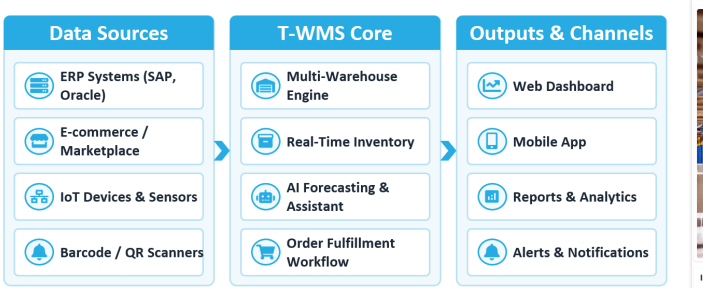
Warehouse management system

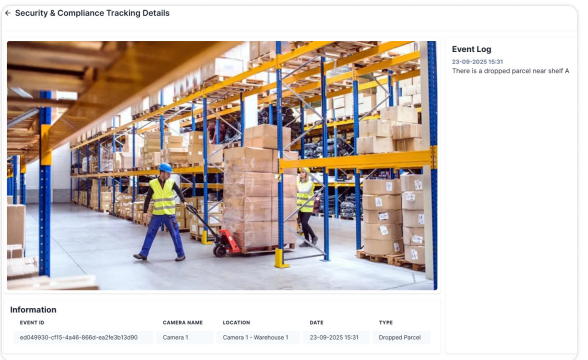
Optimize warehouse operations through a smart workflow solution for stock control, barcode scanning, and order fulfillment management

Visual warehouse & location management

Visual product identification

AI warehouse assistant

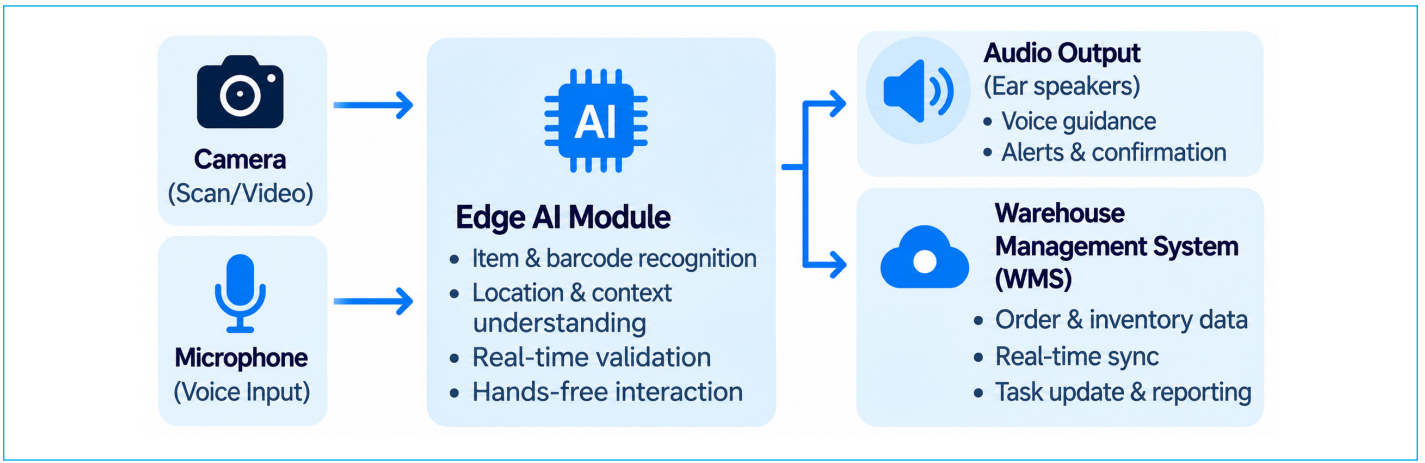




Smart glasses for warehouse operations

Support hands-free warehouse operations with AI-powered smart glasses.

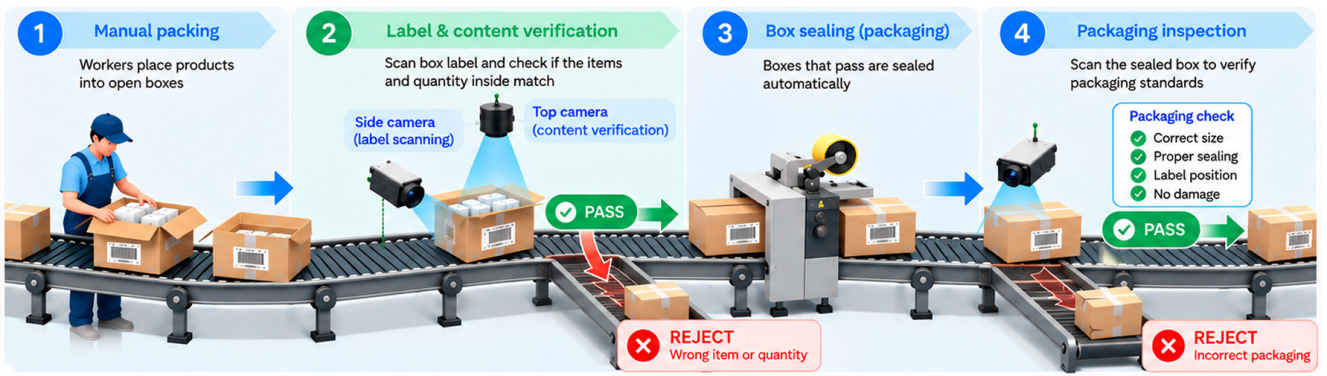
AI knowledge assistant	Inventory lookup & product information	Shipping verification



Package & parcel inspection

Automatically verify package codes, product quantities, and packaging conditions in real timethroughout production and packaging processes

Item quantity verification	Barcode recognition	Packaging compliance inspection



Access control

Control access and track attendance through multiple authentication methods, combining management software with access control devices

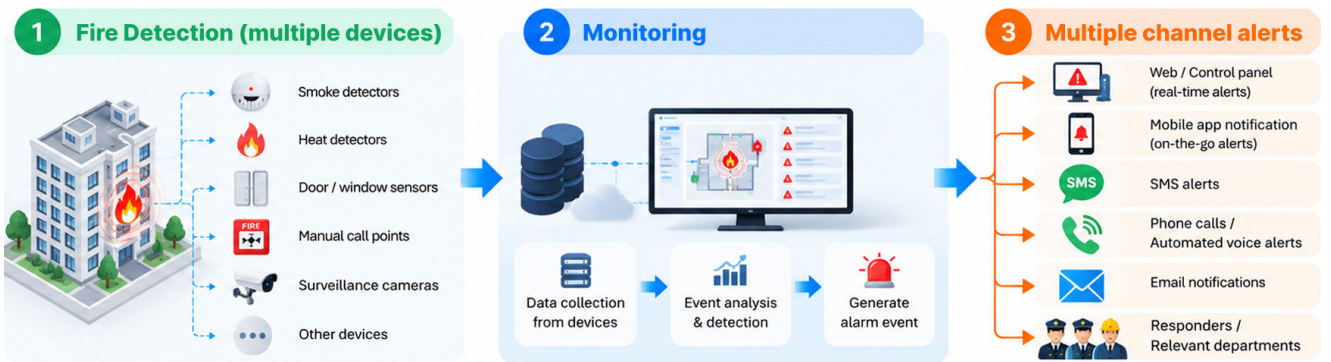
Operate without a network connection	Detailed reports and HRM integration	Flexible shift management and workforce scheduling



Fire alarm monitoring

Monitor fire alarm systems across multiple locations in real time and automatically notify responsible personnel when an alarm occurs

24/7 centralized fire monitoring	Real-time multi-channel alerts	Seamless existing-system integration



Parking detection

Control vehicle entry and exit using multiple authentication methods, vehicle recognition, and automated barrier operation

Detect license plates anywhere in the image	License plate noise filtering	Operate without a network connection



Safety monitoring & compliance

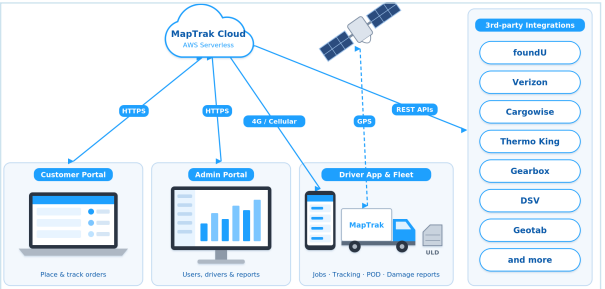
Use AI Vision to automatically monitor workplace safety, detect violations, and identify operational risks in real time

Real-time safety alerts	Centralized multi-area monitoring	Leverage Existing CCTV

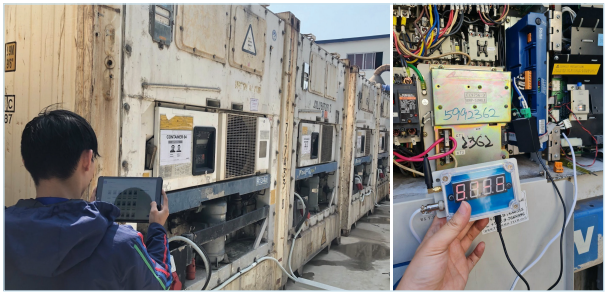


Case studies

Transportation management



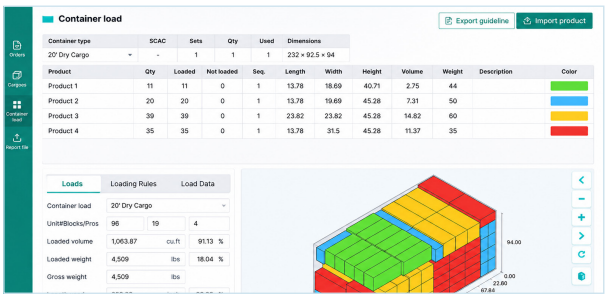
Australian airside logistics provider
Transportation management system



Vietnamese container solution provider
Container monitoring

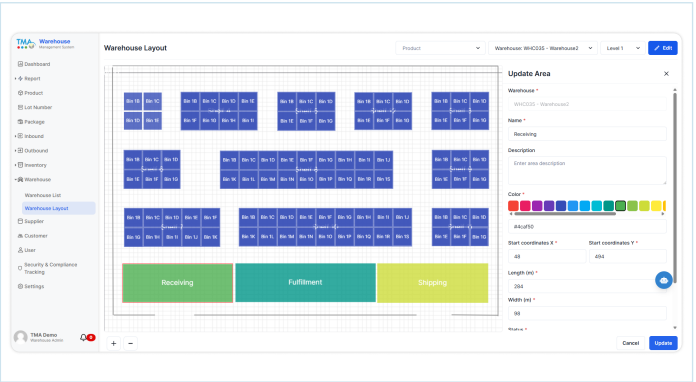


Vietnamese tobacco manufacturer
Container monitoring



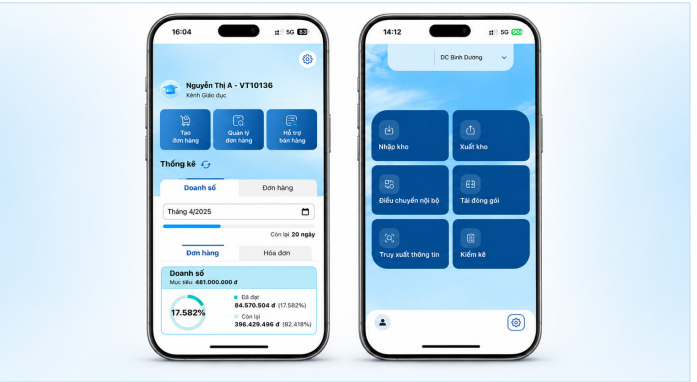
Japanese furniture and home goods retailer
Container loading calculator

Warehouse



Vietnamese logistics and supply chain provider

Warehouse management system



Vietnamese dairy company

Mobile warehouse management system

Safety & security



Vietnamese international airport cargo terminal
Access control



Vietnamesemodel urban center
Fire alarm monitoring

Contacts

Vietnam: +84 28 3995 1060
+84 28 3995 1059

Australia: +61 411 276 342

Email: contact@tmainnovation.com

North America: +1 844 224 4188

Europe: +33 7 44 77 49 24

Japan: +81 50 54 90 98 67

Website: www.tmainnovation.com