

Company Profile

ALDTAN IT



ALDTAN
Empowering Synergy

SCINCE-2023

ALDTAN IT Profile

ALDTAN IT

Intelligent Operations & Mobility Automation Platforms

Empowering Synergy

Vision

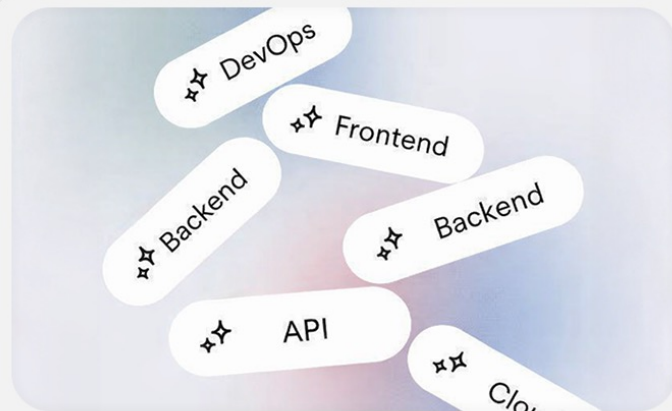
To shape the future through integrated engineering and digital innovation that empowers industries, institutions, and society.

Mission

To create practical and advanced solutions at the intersection of engineering, technology, and intelligence, enabling clients to solve complex challenges and achieve sustainable progress.

WHO WE ARE ?

ALDTAN IT develops high-performance, custom enterprise platforms tailored for complex operational environments.



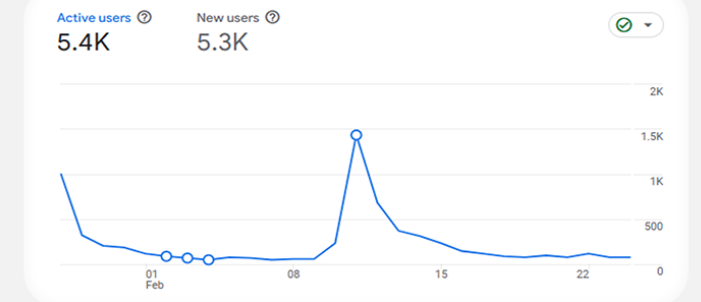
We apply

structured, engineering-driven methodologies not off-the-shelf templates.



Our focus is

mobility and operational intelligence systems that monitor, detect, automate, and optimize real-world operations.



Production Proven

deployments at provincial scale demonstrate our capability to design and operate mission-critical platforms.

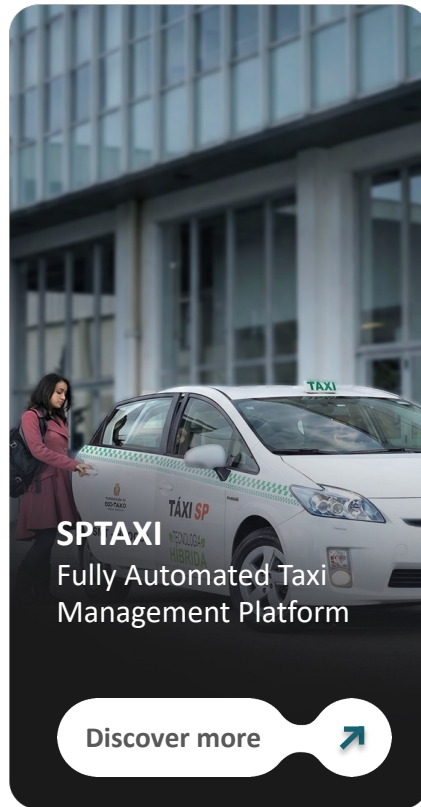


PRODUCTION-PROVEN PLATFORMS AT SCALE



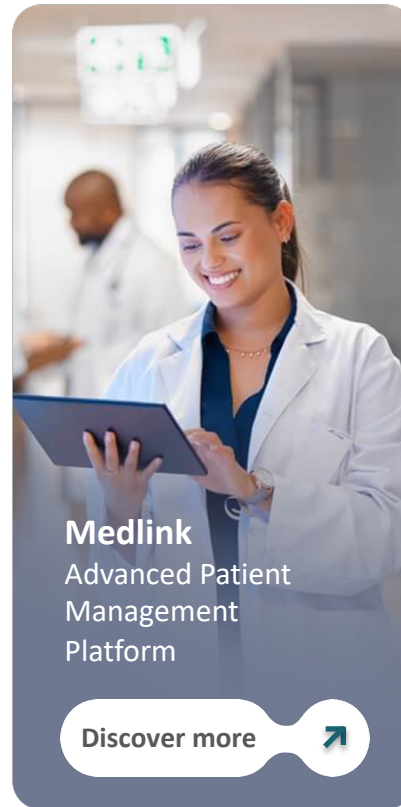
SPGPS
GPS Platform for
Passenger Transport Buses

Discover more 



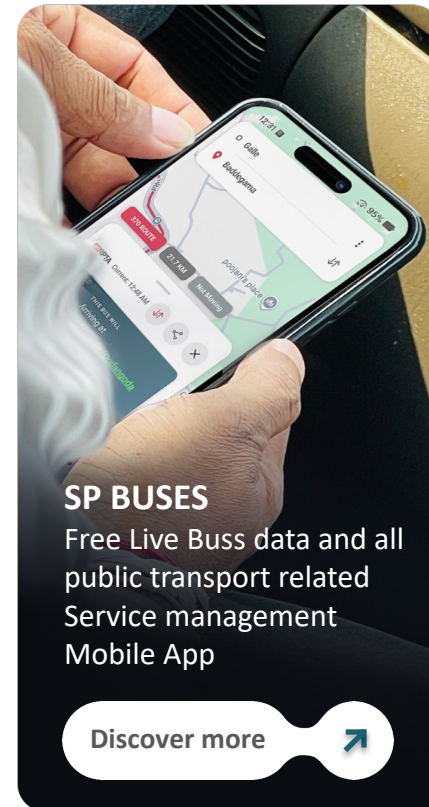
SPTAXI
Fully Automated Taxi
Management Platform

Discover more 



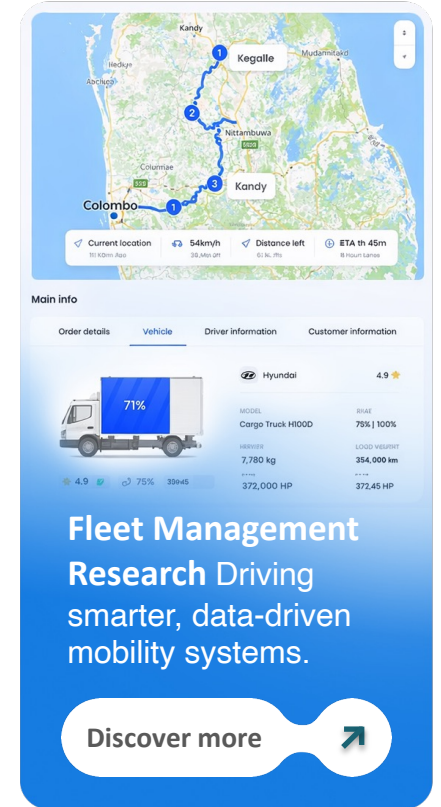
Medlink
Advanced Patient
Management
Platform

Discover more 



SP BUSES
Free Live Buss data and all
public transport related
Service management
Mobile App

Discover more 



Fleet Management
Research Driving
smarter, data-driven
mobility systems.

Discover more 

ALDTAN IT has successfully designed, deployed, and maintained large-scale, real-time operational platforms in live production environments.

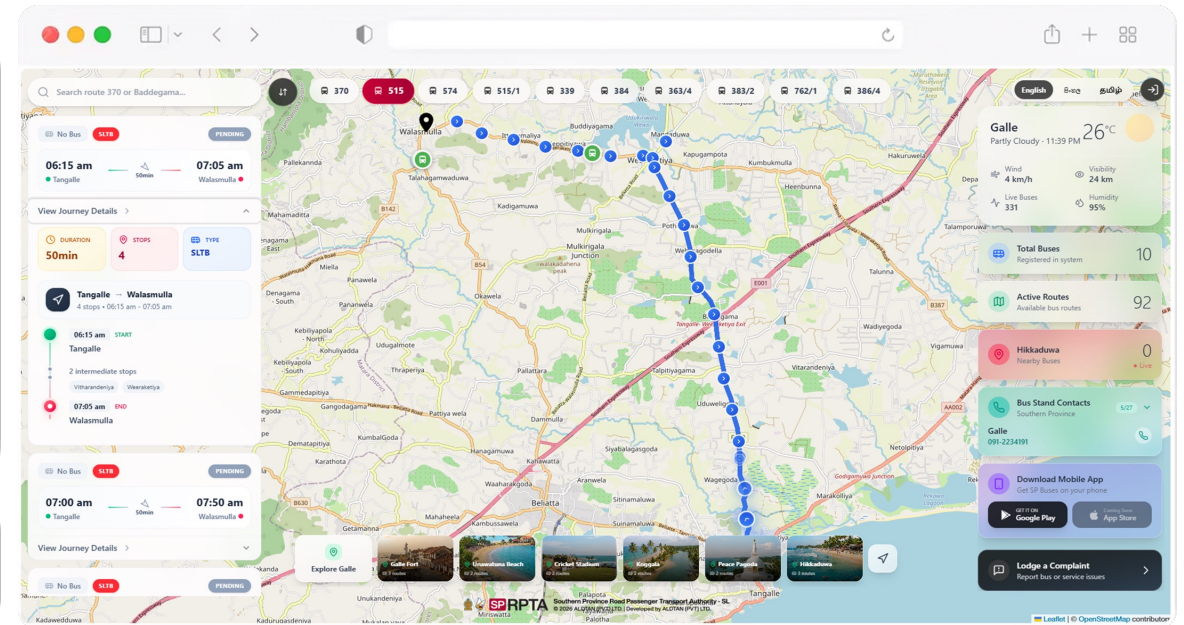
SPGPS – GPS Platform for Passenger Transport Buses

Client: Southern Provincial Road Passenger Transport Authority

1,300+ active vehicles monitored

500+ operational routes managed

- Real-time GPS data processing and live dashboards
- Automated timetable tracking and adherence analytics
- Algorithm-driven rule-based monitoring
- Intelligent reserve vehicle assignment
- Integrated digital workflow and payment systems



Platform Architecture Strengths Modular

Enterprise-grade Architecture Enabling Rapid Adaptation Across Fleet-driven Industries

Financial

Multi-operator And Multi-region Scalability

API-ready Integration With ERP

Third-party Systems

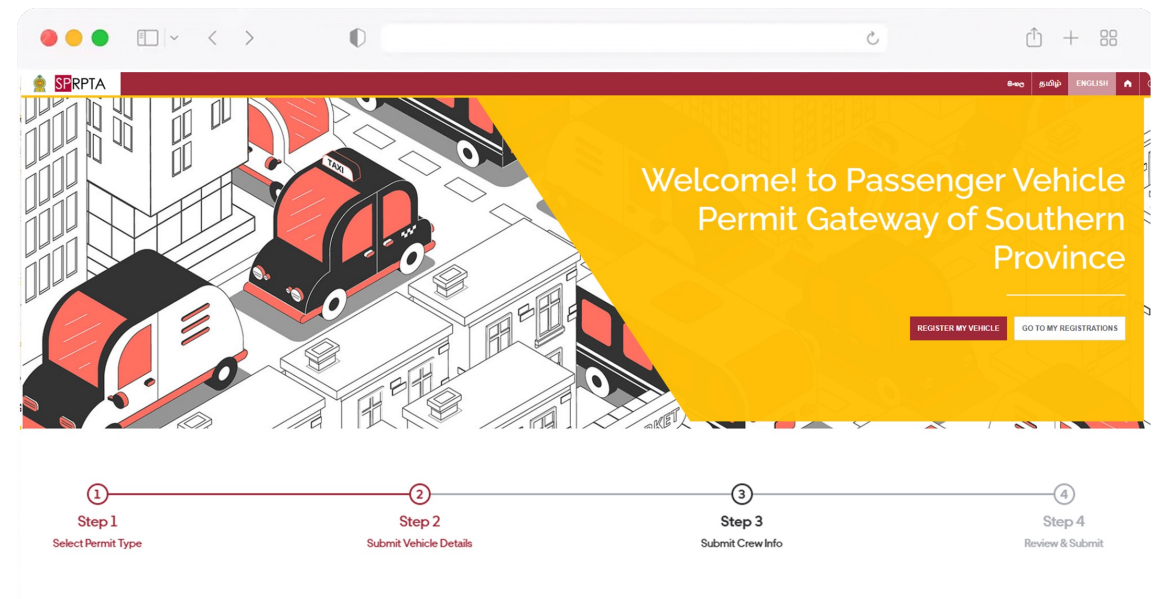
ALDTAN IT has successfully designed, deployed, and maintained large-scale, real-time operational platforms in live production environments.

SPTAXI – Taxi Management Platform

Client: Southern Provincial Road Passenger Transport Authority

7000+ active Vehicles

- Digital fleet registration and lifecycle management
- Permit issuance and compliance tracking
- QR-based vehicle identification
- Integrated complaint management system
- Secure online payment integration
- Automated SMS and email communication workflows



Platform Architecture Strengths Modular

Enterprise-grade Architecture Enabling Rapid Adaptation Across Fleet-driven Industries

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CORE PLATFORM CAPABILITIES

GPS data integration Real-Time Operational Intelligence

- live dashboards
- Performance and utilization analytics
- Exception and deviation detection



Workflow & Process Automation

- Rule-based monitoring engines
- Digital transaction management
- QR-enabled operational workflows



Integrated Communication Systems

- Automated SMS and email platforms
- API-based integration architecture
- Role-based access control and audit logging



Scalable Enterprise Architecture

- Modular platform design
- Cloud-ready deployment
- Multi-operator scalability



REAL-TIME OPERATIONAL INTELLIGENCE ARCHITECTURE

Data Layer

- Continuous GPS data ingestion
- Real-time event processing
- Structured data validation and storage

Automation Layer

- Automated alerts and notifications
- Workflow triggering mechanisms
- QR-enabled operational interfaces

Intelligence Layer

- Route and timetable matching algorithms
- Behavioral and performance analytics
- Rule-based exception detection

Infrastructure Layer

- Scalable Dedicated server deployment
- Secure high-availability architecture (99.9% up time)
- API-ready integration framework

BUSINESS IMPACT FOR ENTERPRISE OPERATORS

Enhanced

real-time
visibility across
distributed
assets

Reduced

manual
monitoring
through
automation

Faster

exception
detection and
operational
response

Improved

schedule
reliability and
utilization
transparency

Digital transaction

integration
within
operational
workflows

Carbon

and utilization
analytics
supporting ESG
reporting

WORKFLOW AUTOMATION & OPERATIONAL CONTROL

- Automated schedule and route performance monitoring
- Rule-based operational policy enforcement
- Intelligent exception alerts and escalation
- Integrated payment and communication workflows
- Reduced administrative overhead and improved consistency

DATA-DRIVEN OPERATIONAL INTELLIGENCE

- Real-time and historical performance reporting
- Utilization and kilometer analytics
- Demand pattern and service heatmap analysis
- Management dashboards for strategic decision-making
- Structured operational data supporting lean optimization initiatives

PREDICTIVE ANALYTICS & OPTIMIZATION (AI-READY)

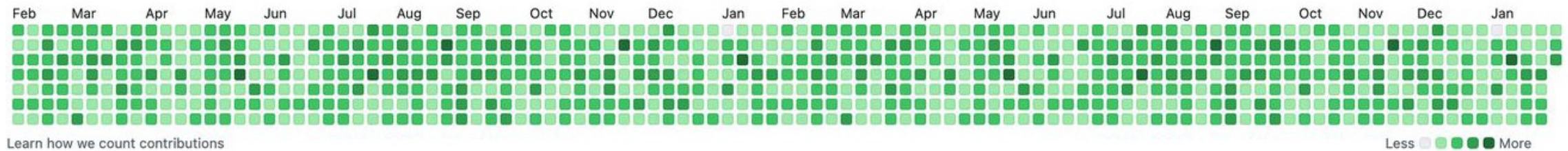
- Demand-based route optimization
- Dynamic timetable adjustment capabilities
- Service reliability scoring models
- Predictive performance analytics
- AI-assisted operational planning and resource allocation

ENTERPRISE-GRADE SECURITY & RELIABILITY

- SSL encryption and role-based access control
- Firewall configuration and DDoS protection
- Database replication and automated backups
- 99.9% uptime target architecture
- Structured monitoring, maintenance, and support processes



WHY ALDTAN IT?



- Production-scale real-time system deployment experience
- Engineering-driven, custom-built platform design
- Modular, scalable, AI-ready architecture
- End-to-end lifecycle delivery (Design → Deployment → Support)
- Rapid response and long-term operational partnership

APPLICATIONS & PLATFORM SCALABILITY



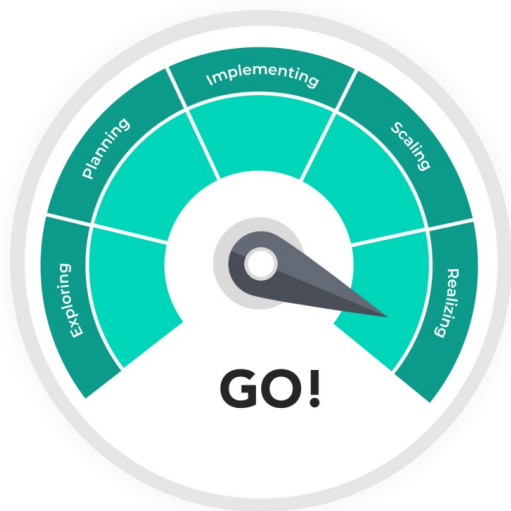
**Intelligent operations
platforms across
fleet-driven
industries**

Discover more



- **Smart mobility** and logistics optimization systems
- **ESG** (Environmental, Social, and Governance) and carbon visibility platforms
- **AI-powered** operational decision infrastructure
- **Scalable architecture** for regional and international deployment

IMPLEMENTATION & SCALING PATH



- Structured requirement analysis and solution design
- Custom module configuration aligned with enterprise workflows
- Secure cloud deployment and system integration
- Long-term maintenance and optimization roadmap
- Flexible engagement models
(Enterprise, SaaS, Strategic Partnerships)

TRUSTED BY MANY COMPANIES



OUR PRODUCTS





ALDTAN IT

Intelligent Operations Platforms

Smart. Scalable. AI-Ready.

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