



AI-Powered Infrastructure Maintenance & Asset Management

*Building a Safer, Smarter & More
Sustainable Future*

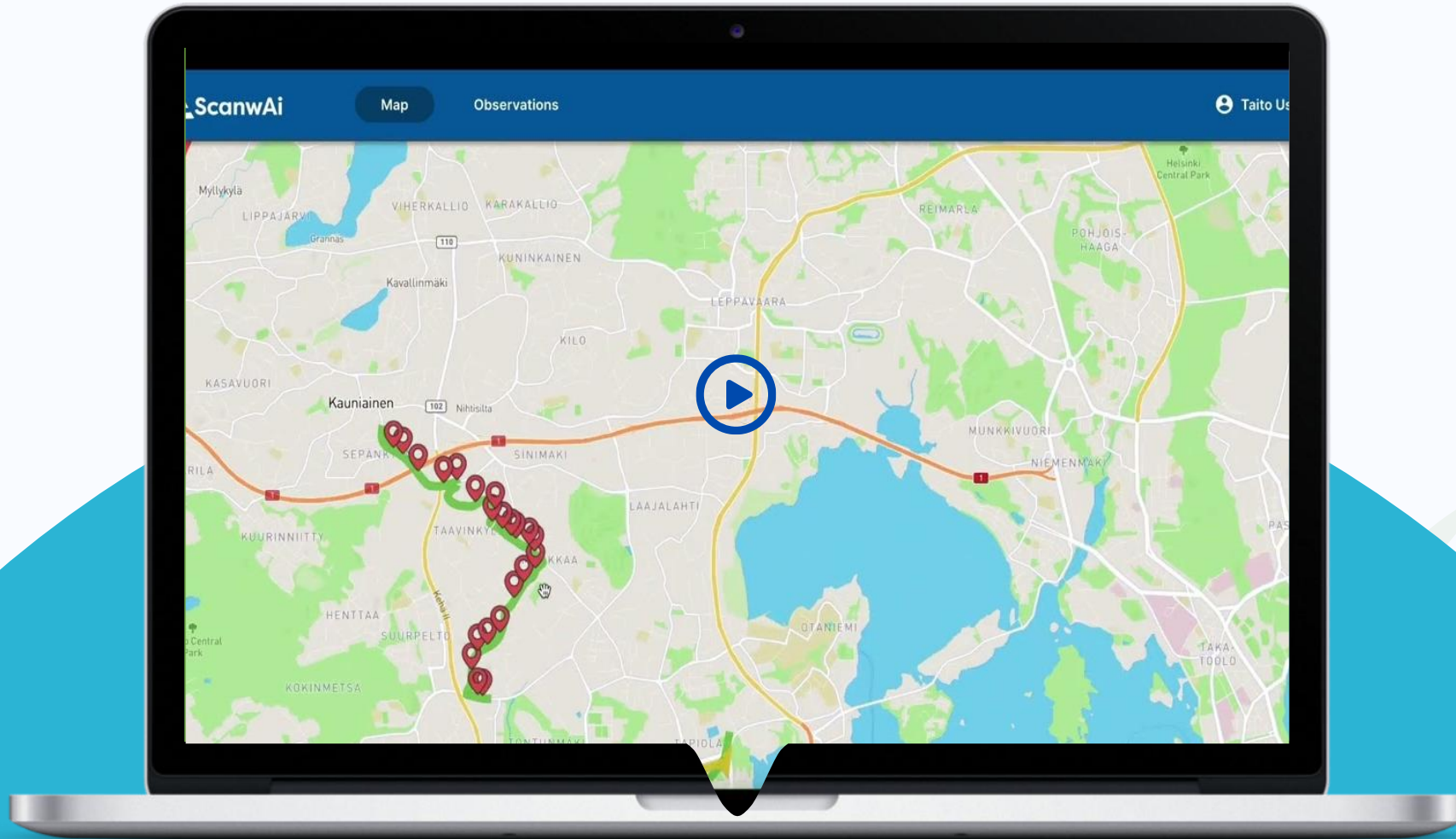


SCANWAI OY



SCANWAI OY is developing an advanced AI solution to digitalize infrastructure maintenance. The company's proprietary technology platform combines real-time data collection, machine learning analytics, and automated action planning into a single service. The goal is to reduce maintenance costs, improve safety, and extend the lifecycle of infrastructure.

HOW IT WORKS VIDEO LINK



PROBLEM

Traditional infrastructure maintenance practices are no longer effective.

Infrastructure maintenance is often reactive, costly, and inefficient.

A lack of information and manual processes cause unnecessary site visits, safety risks, and delayed repairs.

KEY ISSUES:



Incomplete and delayed data collection



High costs from reactive maintenance



Safety issues due to poor infrastructure condition



Inefficient allocation of resources and maintenance timing



Manual data collection and analysis is time-consuming and error-prone



Low user satisfaction



Quality control in maintenance



Complex, fragmented processes increase inefficiency



Budget constraints lead to delayed repairs

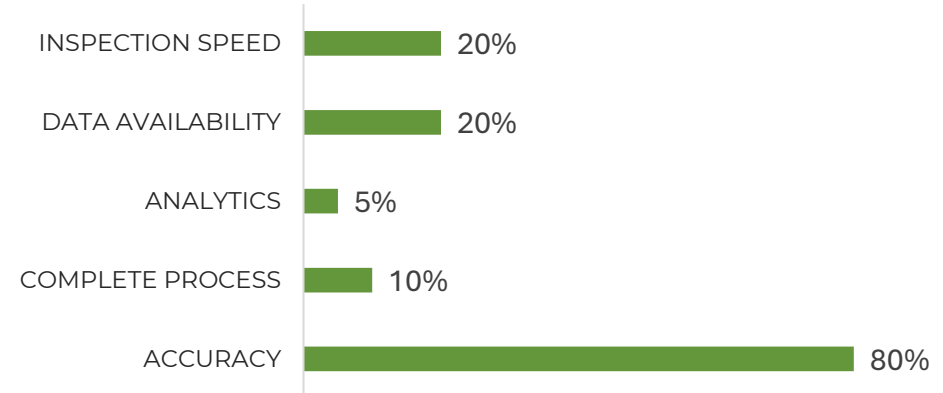
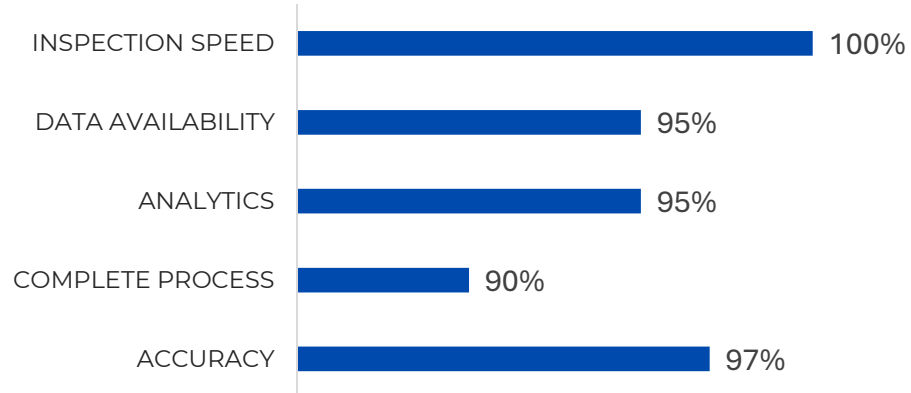
WHY US?

THE SOLUTION: ScanwAi offers an AI-powered digital monitoring system, providing real-time data and predictive maintenance for efficient infrastructure management.

AI-POWERED ASSESSMENT

VS

LABOR INTENSIVE



ACCURACY

- AI-powered assessment consistently maintains precision.
- Top accuracy

INSPECTION SPEED

- Full driving speed
- Inspectors can multitask
- Fast

ANALYTICS

- Complete
- Automated
- Relevant in different times frames

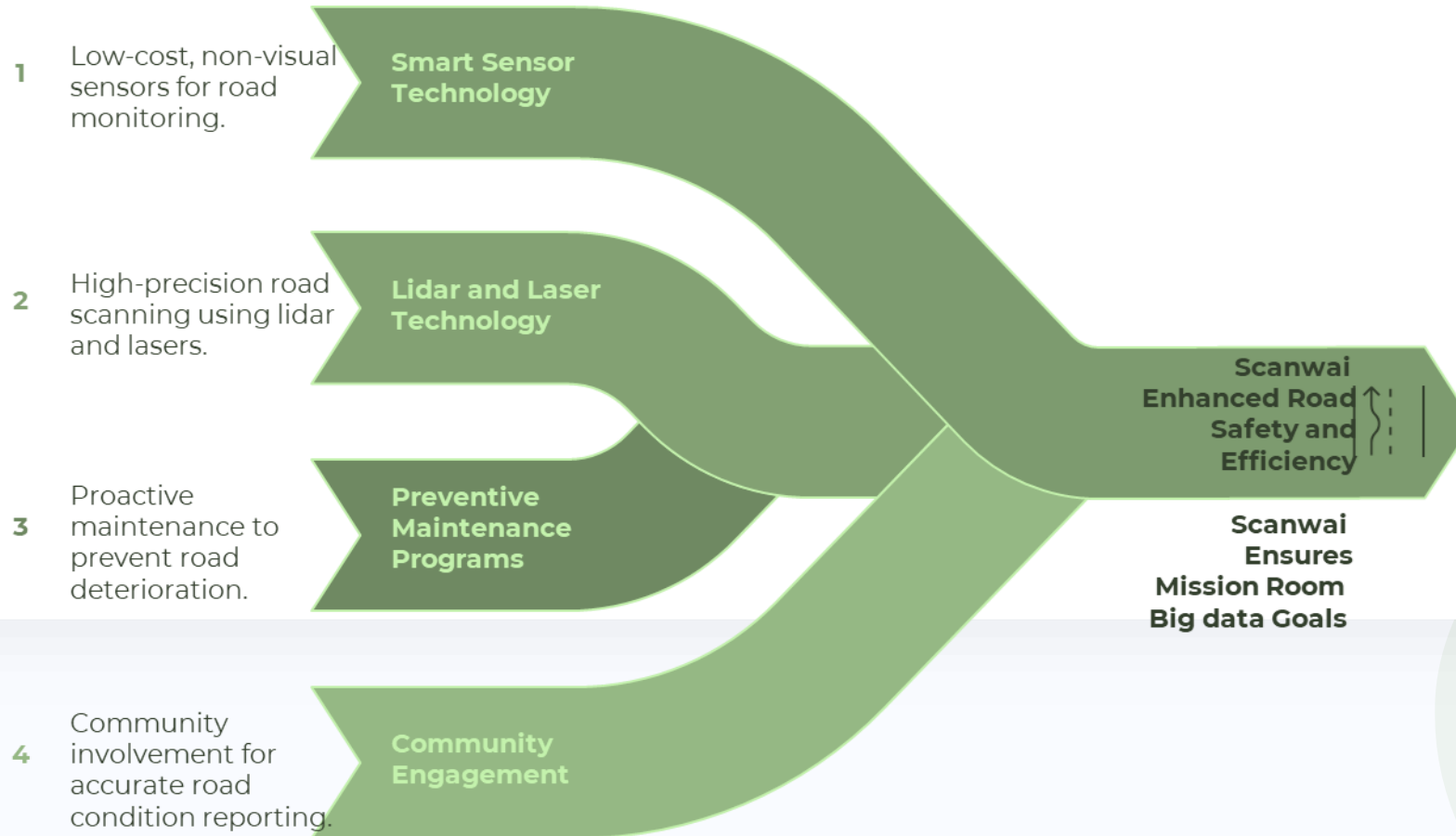
COMPLETE PROCESS

- Automated
- Adaptable

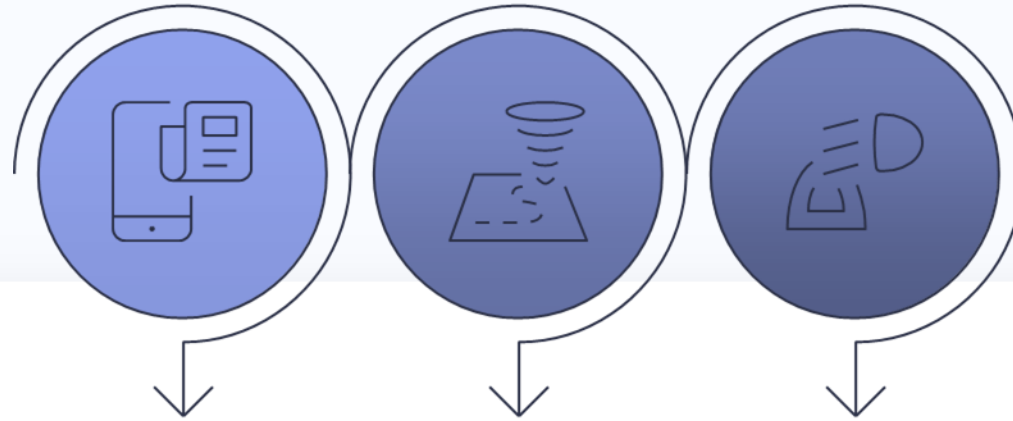
DATA AVAILABILITY

- Immediate
- Automatic data analysis
- Fast

Scanwai- Unified AI Solution for Road Maintenance



Scanwai-Leads the Race



Scanwai AI

Affordable Android mobile scanning with instant analytics.

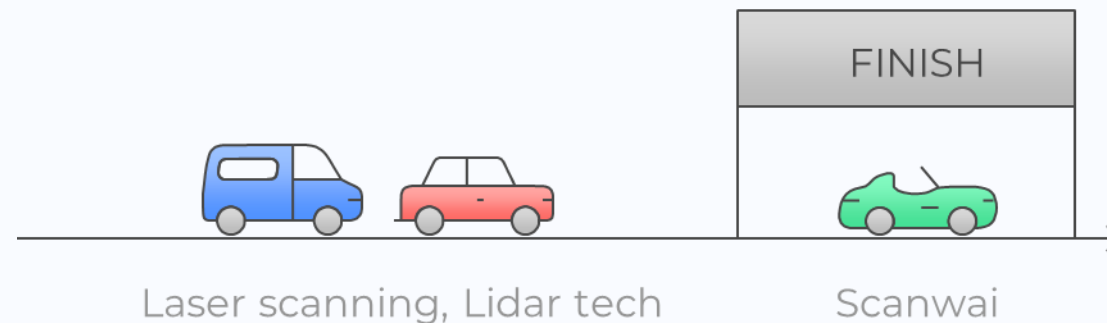
Laser scanning

Precise detailing but labor-intensive with 3rd party software.

Lidar tech

Expensive, requires expertise and 3rd party software integration.

Scanwai wins scanning race



SOLUTION



WHY US?

ScanwAi offers an AI-powered digital monitoring system that provides real-time insights and predictive maintenance models, enabling more efficient infrastructure management.



WHY NOW?

Rising costs, public safety concerns, and the need for smarter infrastructure call for modern, automated solutions.



SCANWAI'S SOLUTION OFFERS THE FOLLOWING BENEFITS:

- Real-time condition monitoring
- Predictive maintenance modeling
- AI-generated action recommendations
- Compatibility with municipal and governmental systems
- Lower carbon footprint and longer infrastructure lifespan
- Reduced human error through automation
- Enhanced decision-making based on advanced analytics

AI-POWERED INFRASTRUCTURE MAINTENANCE AND QUALITY ASSURANCE

BENEFITS



AI-qualified
Quality Assurance



Easy and quick to
implement, Tech
Ecosystem compatible



Enhanced Safety
and Quality



Simplified
management



Increased Public and
Citizen satisfaction



DIVERSE CUSTOMER BASE

SCANWAI serves a broad range of clients responsible for maintaining public and private infrastructure:

- **NATIONAL GOVERNMENT AGENCIES:** Responsible for highways and motorways
- **LOCAL GOVERNMENTS:** Manage local and regional roads
- **PRIVATE COMPANIES:** Involved in maintenance and services

VERTICAL EXPANSION IN 2026: Railways and airports

ScanwAi offers flexible pricing based on customer needs and can enter into global or local agreements. Growth will be supported through a partner network and targeted outreach.

ESG & SUSTAINABILITY

ScanwAi's technology strongly supports
Environmental, Social, and Governance responsibility.



Environmental:

- Predictive maintenance reduces emergency repairs → fewer CO₂ emissions
- Longer infrastructure lifespan → less material consumption and construction
- Fully digital system → no unnecessary driving or manual inspections



Social:

- AI detects hazardous road conditions in advance → improved user safety
- Improved worker safety through optimized maintenance scheduling
- Better public infrastructure → smoother mobility and accessibility for society



Governance:

- Real-time, transparent data supports decision-making and budgeting
- Predictive modeling enables broader ESG metrics in infrastructure investments
- Cloud-based platform ensures secure and traceable data management

ScanwAi supports modern, transparent, and responsible infrastructure—
through every phase of its lifecycle.

WHY CHOOSE SCANWAI

- We have clear focus on and understanding on infra maintenance and asset management solutions
- We have clear focus on reducing costs and increase added value
- We have an unique AI powered system
- We have world's best solution for its excellence, ease of use, scalability, quality, and affordability.

ScanwAi platform is built on top of newest AI tech:

- We have automatic data collection using AI
- We automated reporting
- We will provide forecasting model for asset management and CO2 calculation model for customers unique benefits (coming 2025)



USE CASES AND BENEFITS

AUTOMATED SURFACE DAMAGE DETECTION

ScanwAi leverages AI to automatically detect road surface issues such as cracks and potholes, enabling faster response and reducing accident risk.

PROLONGED ROAD LIFESPAN

By identifying and addressing damage early, ScanwAi extends the service life of road infrastructure, reducing the need for costly reconstructions.

BIKE LANES

Enhanced Safety for cyclists. ScanwAi applies the same surface monitoring capabilities to bike lanes, ensuring safer and smoother conditions for cyclists.

REAL-TIME INSIGHTS & PREDICTIVE MAINTENANCE

The system delivers real-time condition data and uses predictive analytics to optimize repair schedules, cutting maintenance costs and minimizing disruptions.

EFFICIENT MAINTENANCE PLANNING

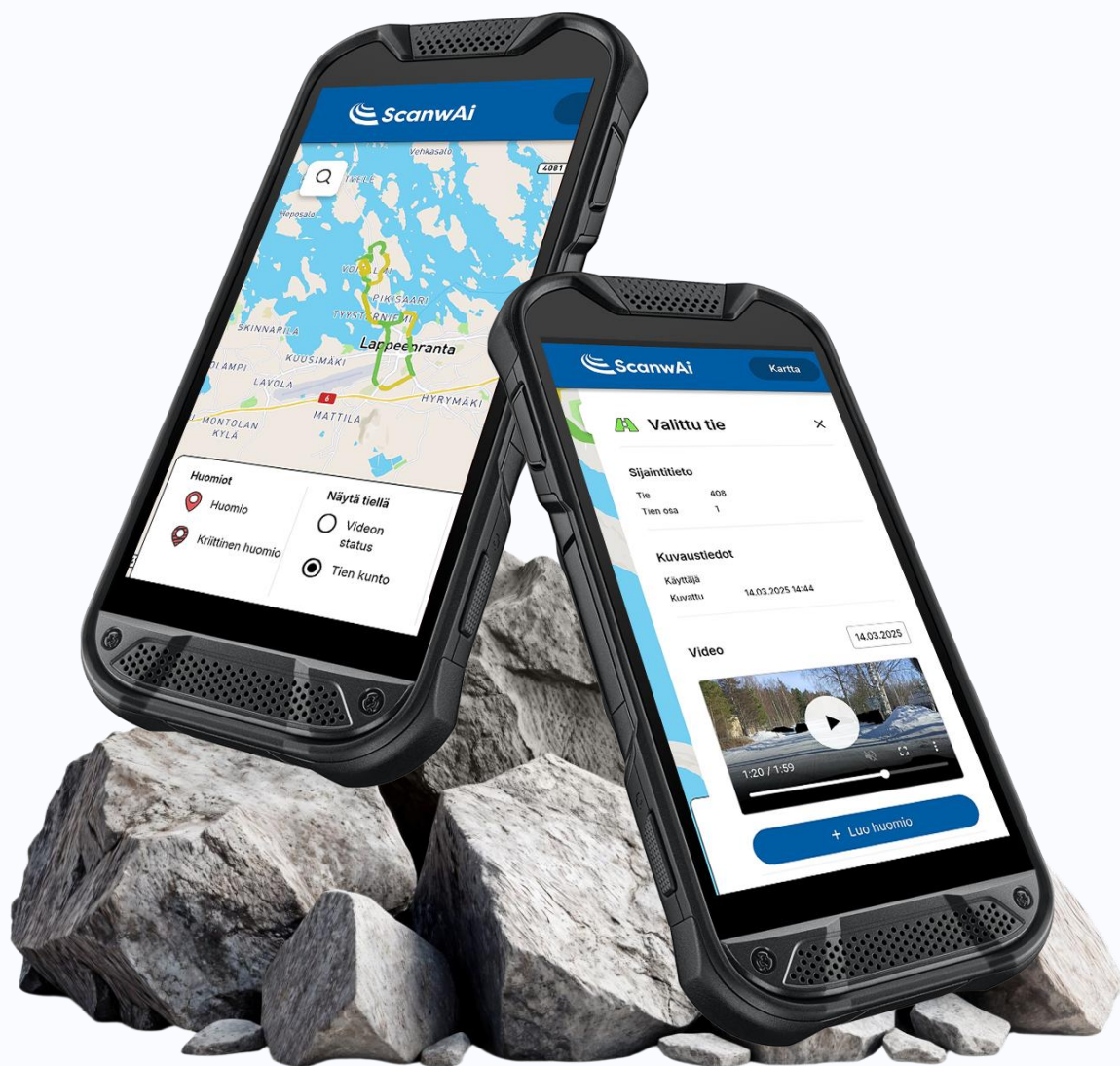
Predictive analytics help prioritize repairs in high-use cycling areas, supporting sustainable and active transportation.

GENERAL INFRASTRUCTURE

Smart Inventory Management ScanwAi tracks and optimizes infrastructure assets like traffic signs, improving system reliability and extending component lifespans.

SUPPORT FOR SUSTAINABILITY GOALS

By reducing unnecessary repairs, conserving materials, and minimizing energy use, ScanwAi helps cities advance their environmental and climate targets.



CONTACT US FOR FURTHER INQUIRIES



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