Empowering the end-to-end rail & infrastructure asset lifecycle with innovative technologies

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170208
PLAY VIDEO

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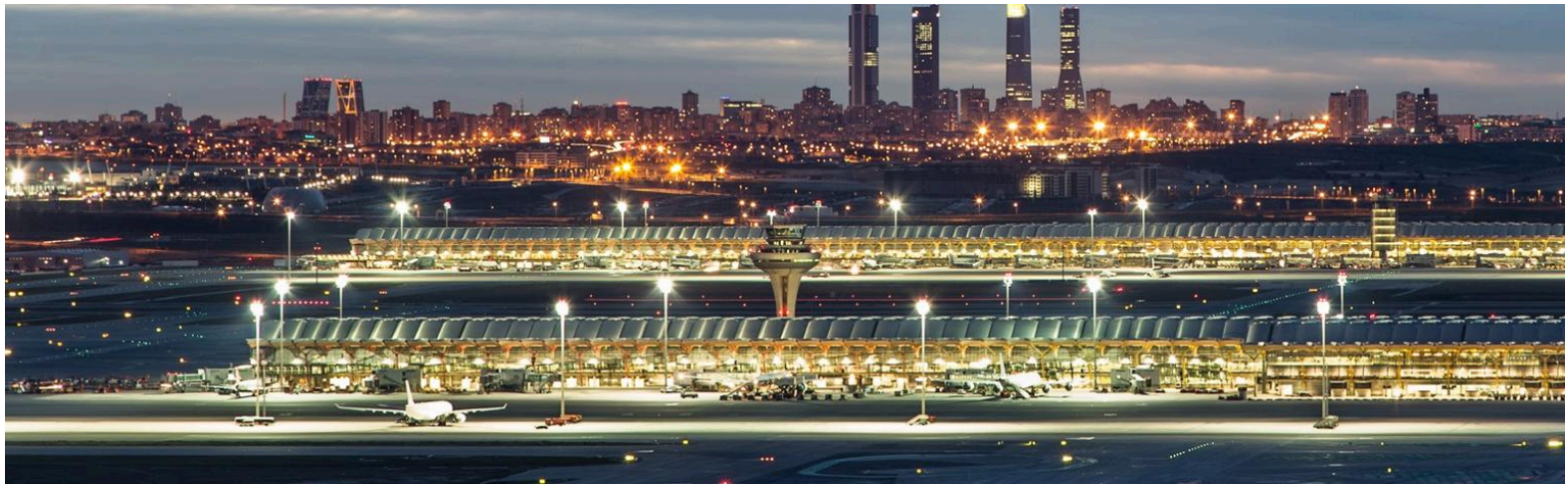

Planned maintenance

Emergency preparedness

Emergency management

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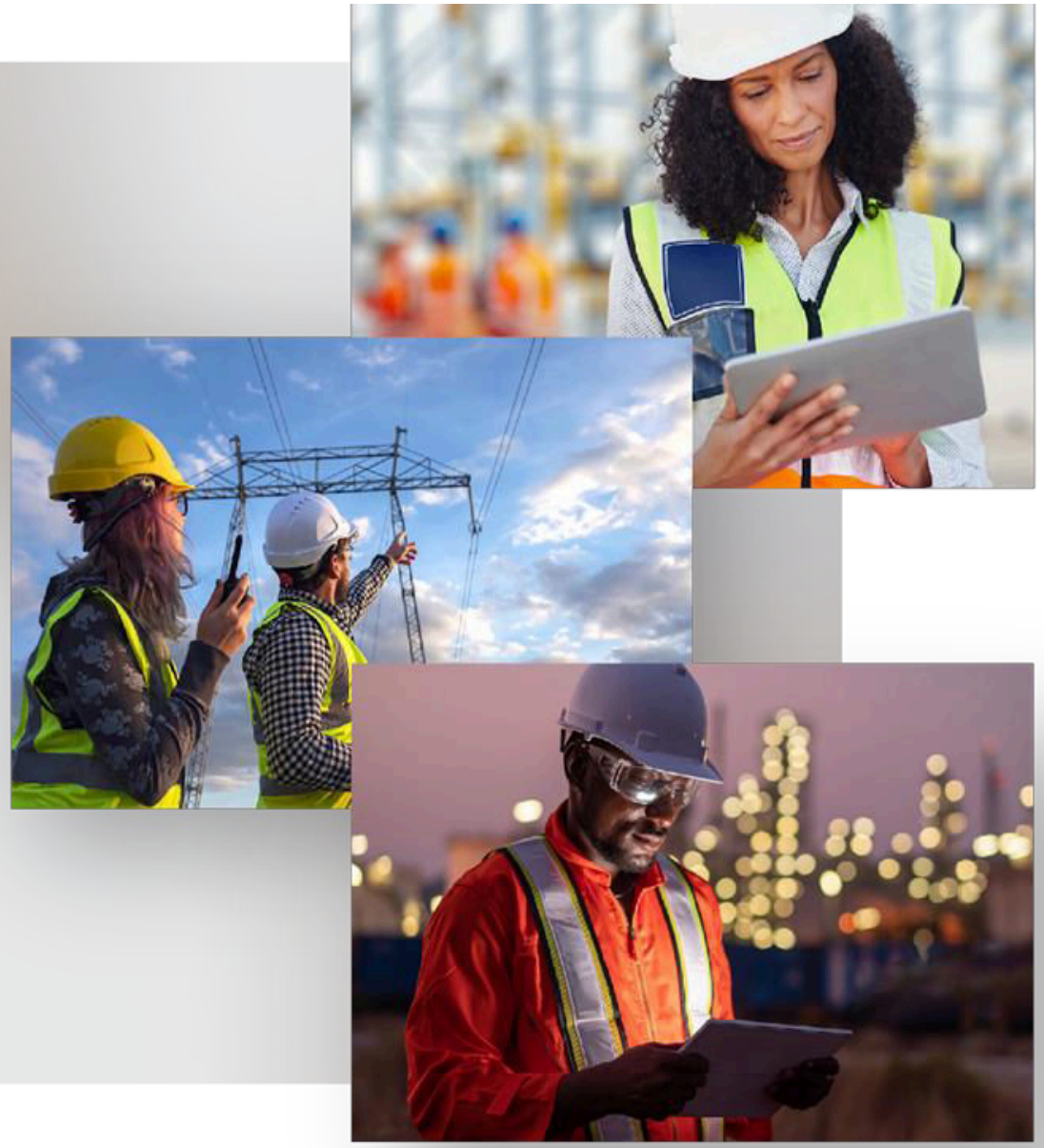

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Your trusted digital partner for mission-critical operations in linear asset industries

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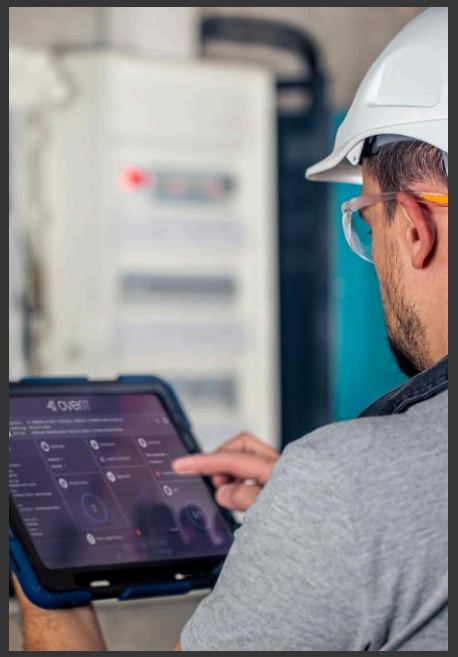
NextGen Platform: digitalization of mission-critical operations

ASSET MAINTENANCE

RESOURCE OPTIMIZATION



MOBILE EMPOWERMENT

FSM

FIELD COLLABORATION

GEO

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NextGen Platform SaaS core principles

INDUSTRY FOCUS AND DEPTH

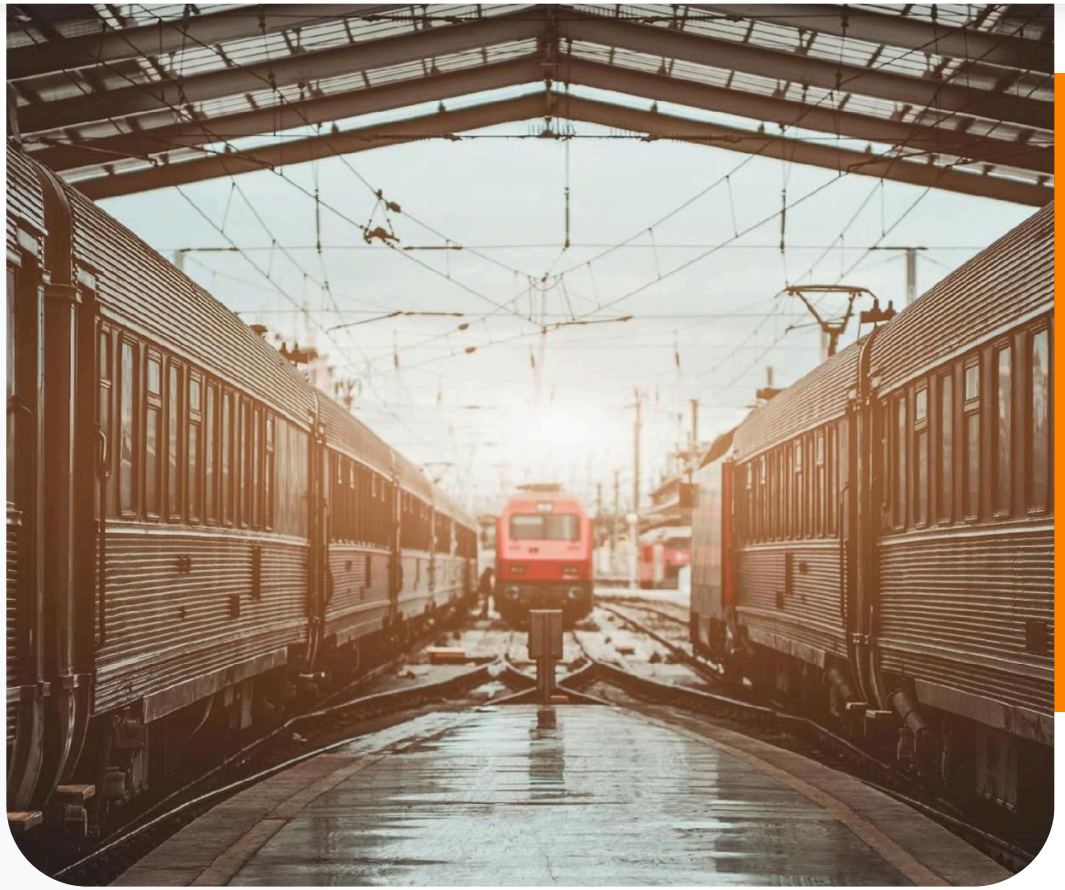
BUSINESS CONTINUITY

PLATFORM BUILT TOGETHER WITH CUSTOMERS

Empowering the end-to-end rail & infrastructure asset lifecycle

NETWORK & INFRASTRUCTURE MANAGEMENT

FLEET, DEPOT & SHUNTING MANAGEMENT



Empowering infrastructures and customer service for the end-to-end FSM journey

ASSET MAINTENANCE

Inspection
- Job bundling
- Data collection from field

Maintenance
- Preventive and corrective
- Spare parts management
- On call management

Analysis & reporting
- Asset, job & resource efficiency

RESOURCE ALLOCATION AND MANAGEMENT

Internal staff
- Working shift
- Availabilities / absences
- Skills and certifications

Contractors
- Agreements
- Purchase request & order
- Price list

PREDICTION & PLANNING

Depot planning
- Advanced planning
- Maintenance management
- Workload optimization

Field planning
- Priority & territory management
- Rules & constraints
- Simulation environment
- Tasks in jeopardy

SMART MANAGEMENT

AI/ML & GIS
- Automatic and virtual scheduling
- Job duration prediction
- In-day scheduling
- Map-based optimization

Augmented reality
- Digital work instructions
- Training

Field Collaboration
- Remote assistance
- Knowledge management

Strategic and operational processes dedicated to field service delivery

Data management and control with a unique and unified database

Strategic planning and decision support

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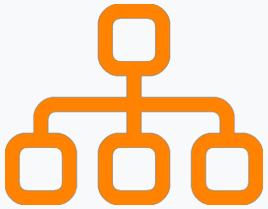
Operational challenges

Network saturation

Limited real-time visibility

Process fragmentation



Limited resource allocation

KPIs

+90%

On-time depot departures

+95%

Adherence to maintenance plans

+75%

Productive time during train stop

+97%

Audit compliance

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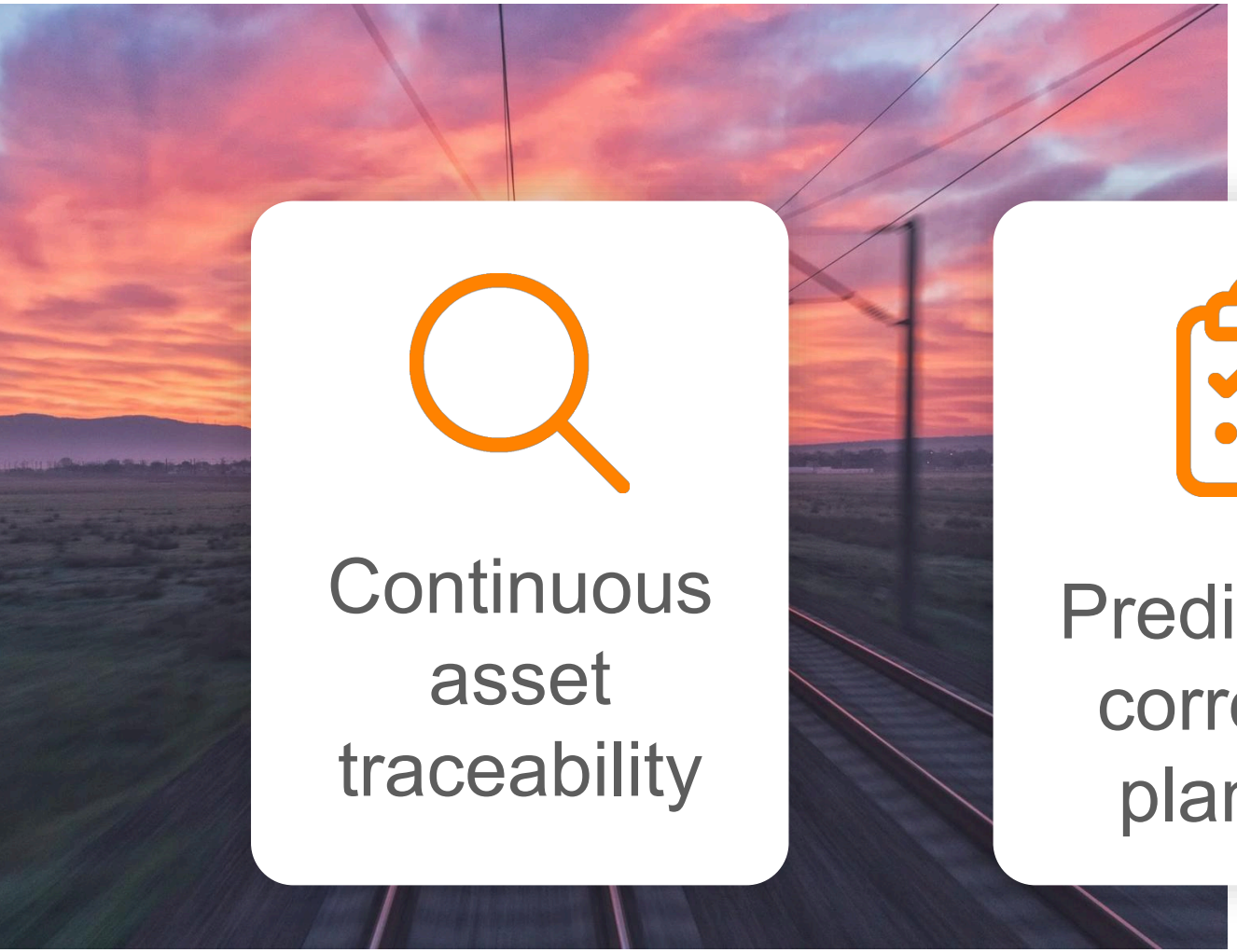
A single pane of glass FSM platform for all strategic processes



Continuous asset traceability

Predictive & corrective planning

Data-driven decision making

Empowering the end-to-end rail & infrastructure asset lifecycle

1 Strategic maintenance planning

2 Depot capacity & resources optimization

3 Yard operations (shunting management)

4 Depot maintenance execution

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Thank you

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