TreeGuard Vegetation Management System

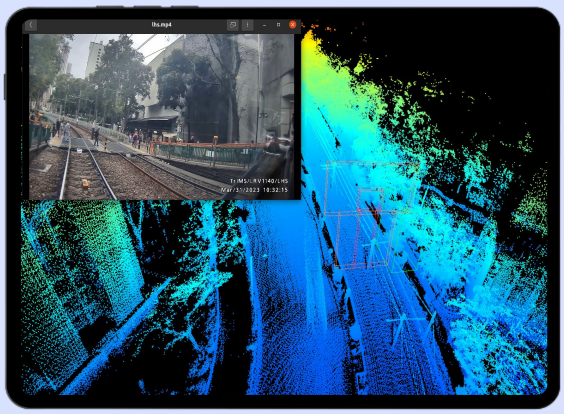
Advanced Monitoring for Safe Rail Operations

With TreeGuard VMS, monitor vegetation encroachment with precision.

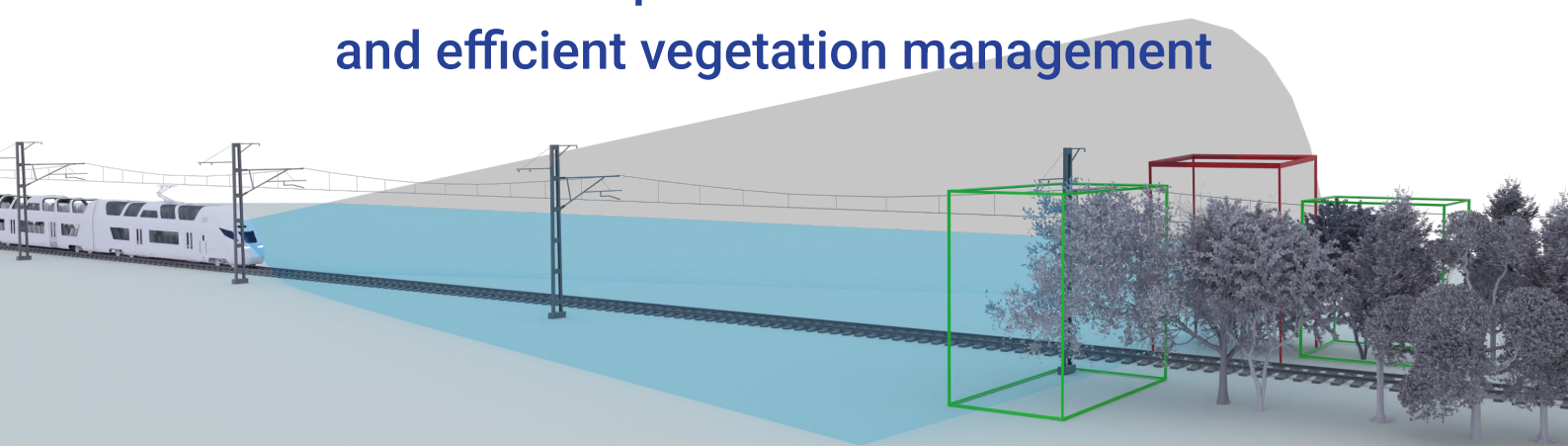
- **Tree Intrusion into KE**
- **Risk Level Analysis**
- **Tree Growth Prediction**

Actionable Insights into Rail Corridor Tree Intrusion

TreeGuard automatically scans for vegetation encroachment into the rail corridor.
It provides detailed 3D models of the rail corridor for accurate analysis.



Harness the power of 3D for sustainable and efficient vegetation management



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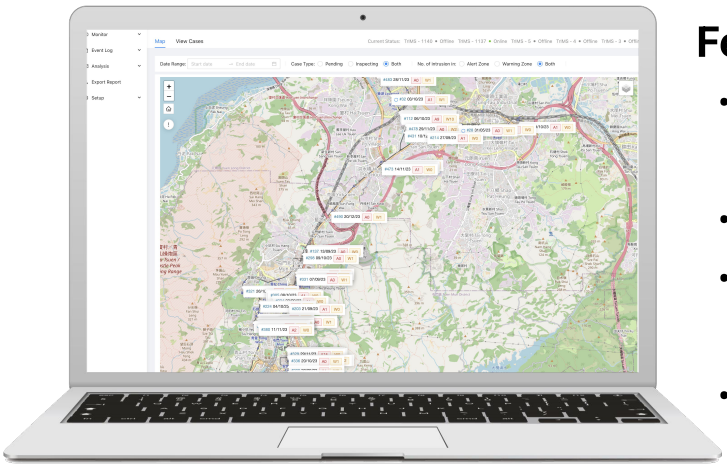
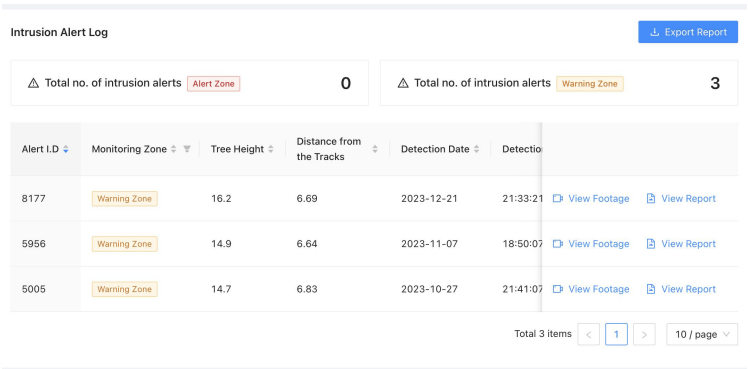
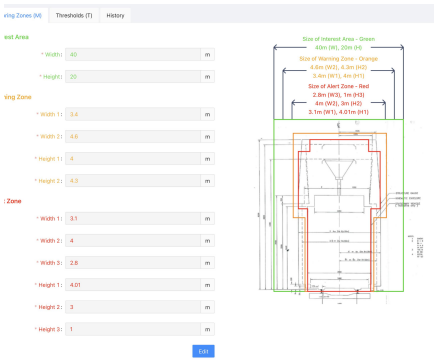


Features

- Digital Database of Railway Vegetation
- Analysis of 3D Point Cloud Data
- Actionable Insights on Vegetation Intrusion
- Export of Maintenance Reports





Video Footages

- Configurable KE of the train
- Export of .pdf and .csv reports
- Integration with maintenance scheduling software

"Kodifly's vegetation management system helps us inspect more than 25,000 trees across our Light Rail Network."

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GlobalData. Railway Technology EXCELLENCE AWARDS 2024 WINNER PRODUCT LAUNCHES Kodifly GlobalData.