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Data & Monitoring

Rail Vision

Leading Today in Rail Safety and Efficiency

Rail Vision is revolutionising the railway industry with its cutting-edge safety and efficiency technologies.

Our advanced products, MainLine and ShuntingYard, offer unparalleled visibility, detection and classification capabilities, ensuring the highest level of operational safety and efficiency for rail operators worldwide.

Innovative Railway Safety Solutions

At Rail Vision, our innovative solutions address the most pressing challenges in rail transport. Our systems provide real-time alerts and actionable insights using advanced sensor fusion, artificial intelligence and machine learning. This technology enhances train driver awar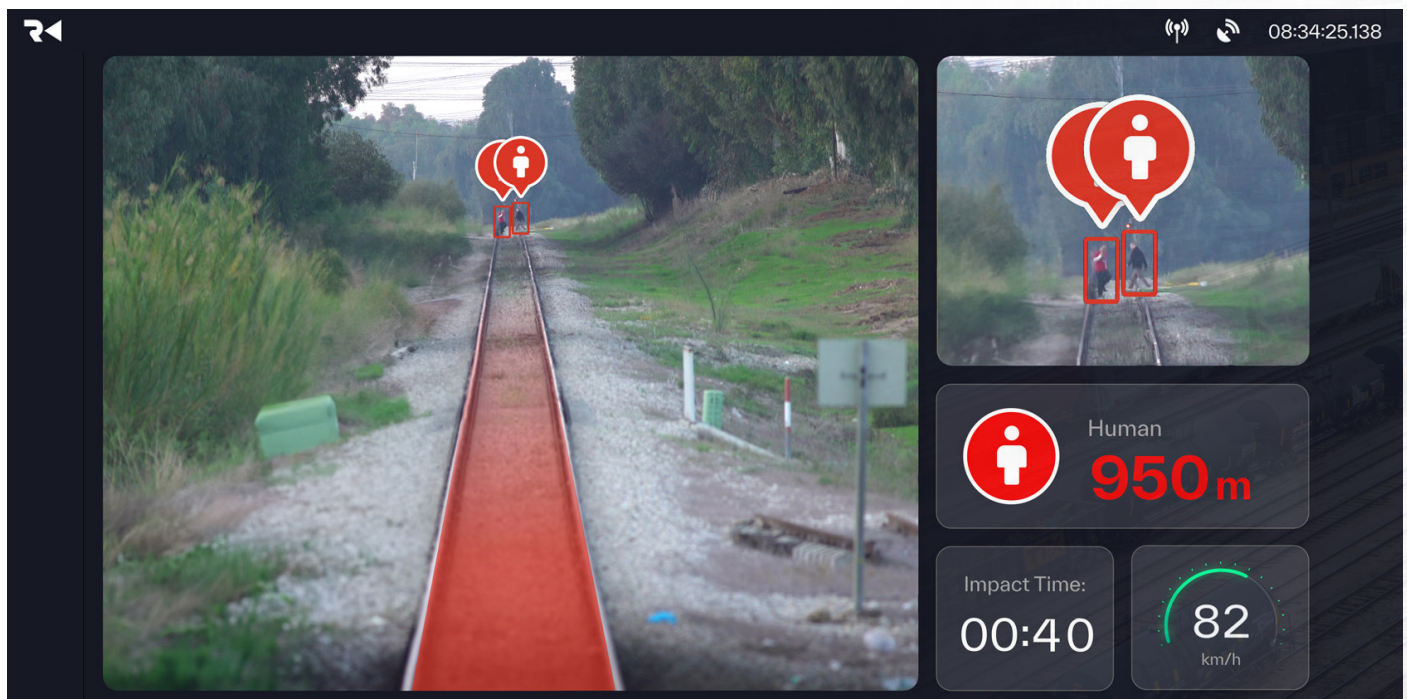eness, enabling informed decision-making and accident prevention, alongside a user-friendly reporting tool for operational managers and C-level executives.

Advanced Detection and Classification

Our state-of-the-art detection and classification system, equipped with high-resolution sensors and AI-driven algorithms, operates 24/7. This capability ensures rail operators are alerted to potential hazards in advance, allowing for timely and effective responses even in challenging weather and low light conditions.

Enhancing Operational Efficiency

Rail Vision's products are designed to improve the overall operational efficiency of rail networks. By providing real-time data and predictive analytics, our

products help operators optimise train schedules, reduce downtime and improve maintenance planning, leading to significant cost savings and enhanced reliability.

Your Mission Our Vision

Rail Vision's primary advantage lies in our seamless integration and superior support. Our plug-and-play approach makes our products easy to install and integrate with existing infrastructure, minimising operational disruptions and keeping business continuity.

Our commitment to innovation ensures that our clients stay ahead of industry standards, providing them with cutting-edge technology that is both reliable and scalable.

Recent Achievements

In 2024, Rail Vision achieved several significant milestones:

- Successfully installed the AI-driven ShuntingYard product for a Class 1 freight rail company in the USA, enhancing operational safety and efficiency
- Received a $1 million order from a leading US-based rail and leasing services company as part of a contract valued at up to $5 million
- Completed the first-ever commercial installation of our AI-driven systems in a national railway line
- Secured regulatory approval and certification for railway operations in Europe
- Obtained a US patent for our AI-powered railway obstacle detection system

Meet Us: Upcoming Events

We are excited to announce our participation in the following industry events:

- AREMA **Booth 1047**
- InnoTrans Hub 27 **Booth 770**
- RSI EXPO **Booth 252**

We look forward to showcasing our latest technologies and connecting with industry professionals.

Looking Forward

Rail Vision is dedicated to advancing rail technology and setting new industry standards. Our ongoing research and development efforts aim to further enhance our solutions and explore new applications for our technology. We are committed to shaping the future of rail transport and playing a key role in its evolution.

For more information on how Rail Vision's groundbreaking technology can benefit your rail operations, please visit www.railvision.io.

Join us in revolutionizing railway safety and efficiency. Discover how Rail Vision's innovative solutions can transform your rail operations.

Contact Rail Vision

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Rail Vision

Computers, Sensors, Big Data