



# SOLUTIONS FOR SAFER RAILS

**DSRT** represents a team of highly skilled and experienced professionals based in Prague, Czech Republic and in Košice, Slovakia with a track record of developing and delivering solutions of highest quality into the railway and some of the most demanding industries.

Our systems can detect anomalies by analysing the energy propagated into the rail over longer distances. They provide critical information to operators, such as the number of rolling stock passing through a designated location, estimates of their speed, their types and the expected arrival of the rolling stock at the specified location.

## OUR CLIENTS

- Railway operators
- Manufacturers of railway equipment
- Companies providing solutions for railways
- Cooperation with companies that produce signaling devices, where DSRT will supply the detection equipment



## SPECIFICATION OF OUR OFFERED SERVICES - DSRT APPLICATIONS

- Rail Occupancy Monitoring
- Rolling Stock Monitoring
- Axle Derailment Monitoring
- Rail Defect Monitoring
- Track Obstruction Monitoring
- Flat Wheel Detection
- Intrusion Detection Application
- Switch Condition Monitoring Application (Dynamic Effects)
- Portable Warning System
- Rail Buckling Monitoring
- Hot Box Detection
- Hot wheel detection



## BENEFITS OF OUR SYSTEMS

- The system can be powered by solar panels, has self-diagnostic capabilities and is not limited by the speed of rolling stock.
- Significant reduction of installation and maintenance costs.
- One system can cover up to four tracks.
- Several applications can run on one system. Installation time is within hours, based on the number of covered tracks, and does not require service interruption on the rail track.

## OUR CERTIFICATES ISO 9001, ISO 14001, ISO 27001, ISO 45001

- Our company has successfully implemented and is certified in accordance with the internationally recognized ISO 9001, ISO 14001 and ISO 27001 standard.
- We apply a number of effective measures to ensure the consistent quality of our final products in accordance with the requirements of ISO standards.
- We ensure that our suppliers meet the same stringent quality, safety and environmental standards.
- Our customers can be sure that our products meet the highest requirements and quality standards.
- We are currently preparing for ISO 45001 certification in order to demonstrate compliance with the requirements for health and safety management systems (Q1 2024).



## WHY DSRT

- Stable and experienced international team of experts, with high professional specialization, which is verified by many years of experience.
- Language skills of all members of our team.
- We constantly monitor current market developments.
- We help reduce risks, protect and build your market position.

## CONTACT US

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