

zentrak for Asset and Maintenance Management

Condition monitoring & data driven decision support for rail infrastructure

Our Asset and Maintenance Management Software gives you an overview of your assets based on real time condition monitoring, allowing you to dynamically adapt your maintenance strategy to optimize the asset lifecycle.

The integration of a condition monitoring system in the "Advanced" version of the software, improves the process transparency, forms the basis for failure prediction and facilitates maintenance optimization. Furthermore maintenance and asset decisions based on experience can be backed up with data and a knowledge database is generated.





Asset Conditions

- → Criticality indication for immediate intervention
- → Comprehensive overview of asset health based on different data sources

Condition Monitoring

- → Integration of condition monitoring systems for fixed assets
- → zentrak infrastructure monitoring integration

Predicitons / Data Analytics

- → Forcast of future asset health
- → Alarming based on limit values
- → Trend analyses

Why?

- » Maintenance optimization for cost and risk reduction
- » Connection between experiencebased decisions and asset data
- » Efficient maintenance planning

What?

- » State of the art asset and maintenance management software
- » Fixed asset condition monitoring
- » Data-based asset analyses

Benefits

- » Single environment for data and decision support tools
- » Failure prediction
- » Data-driven decision making

voestalpine Digital Track Management GmbH

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ONE STEP AHEAD.