



# zentrak Central Management Software

## Complementing the diagnostic and monitoring technologies

### Description

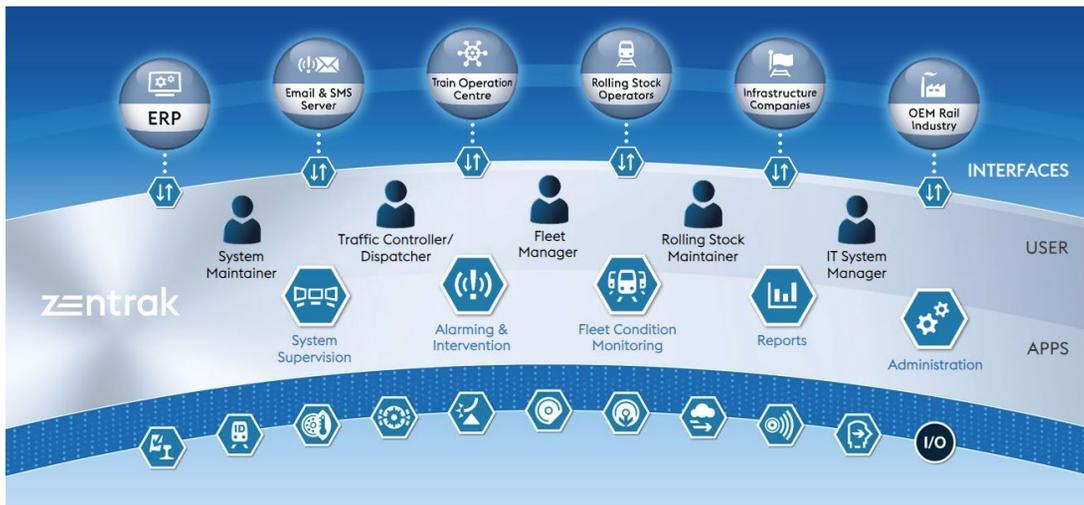
The Software Monitoring for Rolling Stock with zentrak Central Management Software (CMS) consists of intuitive software applications needed for the daily diagnosis and management of plants. This optimally complements diagnostic and monitoring technologies installed on the line.

At the same time, the software provides information for long-term operational improvements. Through the user-friendly display of different types of equipment, logs, data and processes in real time, specific tasks such as maintenance planning and train control can be performed more effectively.



### System advantages

- » Web-based application
- » Efficient and user-friendly interface
- » Application for a wide range of user groups
- » Ability to interface with existing systems through an open system architecture
- » Standard portal for operating, maintaining and managing information coming from trackside monitoring systems
- » Modular structure ensures scalability and flexibility to expand the number of applications, users and connected systems
- » Software localization (language, values, formats)
- » Integration of third-party systems
- » Bundles different functions into specific applications



## MAIN FUNCTIONALITIES

### Rolling Stock Monitoring

Enables the central provision of information from the measurement systems and provides interfaces to the most important systems in your company. Within our applications, the whole personnel are informed about fleet and infrastructure and can control day-to-day business using role-based interfaces and information.

The Software can be equipped with the following applications, which provide the relevant information to the individual users:

### System Supervision

Monitors and analyzes the status of each measurement function. Deviations are reported in real time to enable timely repair or maintenance.

### Fleet Condition Monitoring

Provides real-time performance and condition data that helps fleet managers and maintenance technicians optimize their fleet's maintenance processes.

### Alarming and Intervention

Proactively informs of deviant and critical situations that can negatively impact safety and availability. Processing occurs in near real-time and can trigger a specific workflow on the screen.

### Reports

Allows the user to conveniently analyze the historical data collected by the application. New reports can be easily added to the application depending on the client's needs. All reports offer various filtering options as well as export functionality.

### Administration

User-friendly management of interfaces, checkpoints and associated user roles. Facilitates users' individual tasks and equips each user role with different functions.