

## CCM: continuous component monitoring

The safe way to introduce condition-based maintenance

Would you like to increase the availability and reliability of your vehicles, reduce costs or gain a better understanding of how your components and systems are used?

CCM gives you a standardised procedure based on data and expert knowledge for the customised monitoring of your critical components. Our solutions combine advanced analytics and big data with engineering expertise. The approach centres on the system as a whole and represents the basis for successful project implementation in all project phases. Taking all relevant specialist disciplines into account ensures both efficient workflows and rule-compliant implementation in existing maintenance processes.

We will accompany you through the entire project in line with your specific needs, advise you on individual phases or evaluate third-party solutions based on the CCM process.



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**Our  
knowledge  
is your success.**



### Our services

- **Consulting:** Customised consulting in all phases of your project; independent, functional assessment of component monitoring applications
- **Initial analysis:** Standardised recording of specific requirements and potentials; identification of concrete use cases and evaluation of technical and economic feasibility
- **Development:** Implementation in line with your specific needs; from data collection and processing through to use of the latest analysis methods and the functional identification of correlations and causalities between data and the actual condition of components
- **Implementation:** Support and coordination of the validation process as well as rule-compliant integration into maintenance

### Your benefits

- **Transparency:** Transparency achieved regarding the use, condition, long-term behaviour and criticality of component and system failure
- **Reliability:** Increased vehicle reliability and availability
- **Cost savings:** Costs reduced by implementing condition and maintenance-optimised maintenance as well as more flexible maintenance interval scheduling based on usage and faults
- **Conformity:** Tested compliance with valid standards, guidelines and specifications as well as application of state of the art. -Also for third-party solutions

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