

Uptime VISION™

Improving fleet performance and reducing service and maintenance costs

Uptime VISION™ is a software-as-a-service solution for fleet monitoring, automatic detection of deviating system behaviour and derivation of corrective actions. Using analytics, diagnostics and prognostics the software allows owners, commercial and technical asset managers and operators to gain a detailed

insight into technical issues that negatively impact the return on investment and operational excellence. Uptime VISION™ enables improvements in overall fleet performance through optimisation of performance and availability whilst simultaneously reducing costs associated with service and maintenance activities.

+ Benefit 01

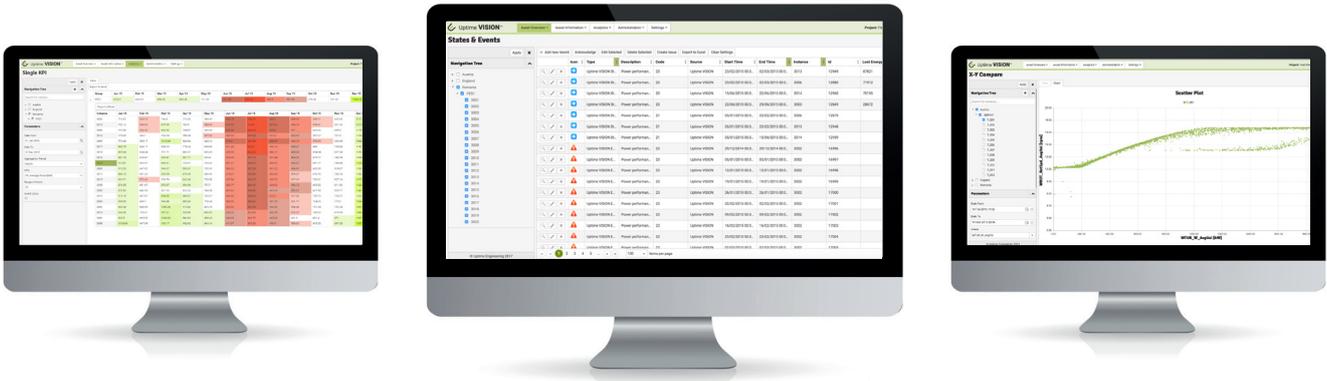
Uptime VISION™ is capable of automatic identification of deviating behaviour in technical assets. Operational states are derived and associated losses are calculated and ranked by revenue. The analysis is based on available operational SCADA data, avoiding the need for additional instrumentation.

+ Benefit 02

Uptime VISION™'s reasoning engine interrogates the integrated knowledge base in order to automatically derive recommendations for corrective actions on identified assets with deviating behaviour. These actions are ranked by probability of relevance and may be forwarded to work order management systems.

+ Benefit 03

Uptime VISION™ comes with a comprehensive set of analytical tools for user defined drill-down into the data history. This allows the analyst to validate findings of the reasoning engine or to develop new analysis methods. Customer developed analysis models may easily be integrated into Uptime VISION™.



Increasing Profitability

Uptime VISION™ allows our customers to improve understanding of the technical state of their operating fleets. Through early detection of issues relating to reliability and performance, followed by efficient corrective activities, huge financial potential can be unlocked. Even in the most technically advanced organisations, current practice is dominated by

scheduled or reactive maintenance. An evolution beyond this towards intelligent, proactive and targeted maintenance is required. This goal is within reach and achievable inside your organisation with the support and expertise of Uptime Engineering, and using the software solution Uptime VISION™.

Features

- ✓ **Automated analytics**, diagnostics and prognostics for detecting and understanding deviating asset behaviour
- ✓ **Recommendation** of corrective actions, allowing problems to be resolved with maximum efficiency
- ✓ **Map and list views** to provide a clear overview of the fleet operational status
- ✓ **Revenue losses** calculated and ranked, in order to ensure that effort is focused in topics that are of highest financial priority
- ✓ **Comprehensive analytical drill down** functionalities for root cause verification, to ensure that the analyst can fully interrogate and understand results
- ✓ **Monitoring** of any technical asset, for example wind turbines, PV systems, passenger cars, trucks or mining equipment
- ✓ **Software-as-a-service** offering guaranteeing maximal software availability and the highest possible levels of data security



More information:
uptime-engineering.com/software/uptime-vision/

Keeping Technology Alive