

Highest Availability for off-shore Windparks

Background

- Fleet managers and technicians have to cope with growing fleets and technical complexity
- Service technicians are overwhelmed by data and information
- Maintenance becomes inefficient due to fluctuation and shortage of service personnel and lack of experience

Customer benefit

- Diagnosis algorithm, explaining the background of results
- Efficient support of service technicians
- Continuous learning to build up a corporate Knowledge Base
- Enabling autonomous and cost efficient fleet operation

Requirement

- Support service technicians during maintenance and root-cause diagnosis
- Company-wide knowledge-base on indicators and diagnosis of failures
- On-site access to information system on maintenance and repair processes

The Solution with Uptime HARVEST

- Analysis of current maintenance processes
- Implementation of analytic algorithms using the Uptime KNOWLEDGE base
 - for detection of indicators
 - for root-cause diagnosis of failures
- Set-up of knowledge base, training of service teams, feedback mechanism, SW roll-out

