



AI-POWERED EARTHQUAKE RISK MANAGEMENT SOLUTIONS

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## SMARTTURBINE

THE LEADING SOLUTION FOR WIND TURBINE  
CONDITION MONITORING

*One simple interface to monitor one or many turbines*



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## PROBLEM

Stress and fatigue caused by vibration, storms or earthquakes may damage or totally destroy these costly structures. Management routinely faces critical decisions around structural health without the support of real time assessment tools. This means necessary actions may not be taken to protect the integrity of the asset.

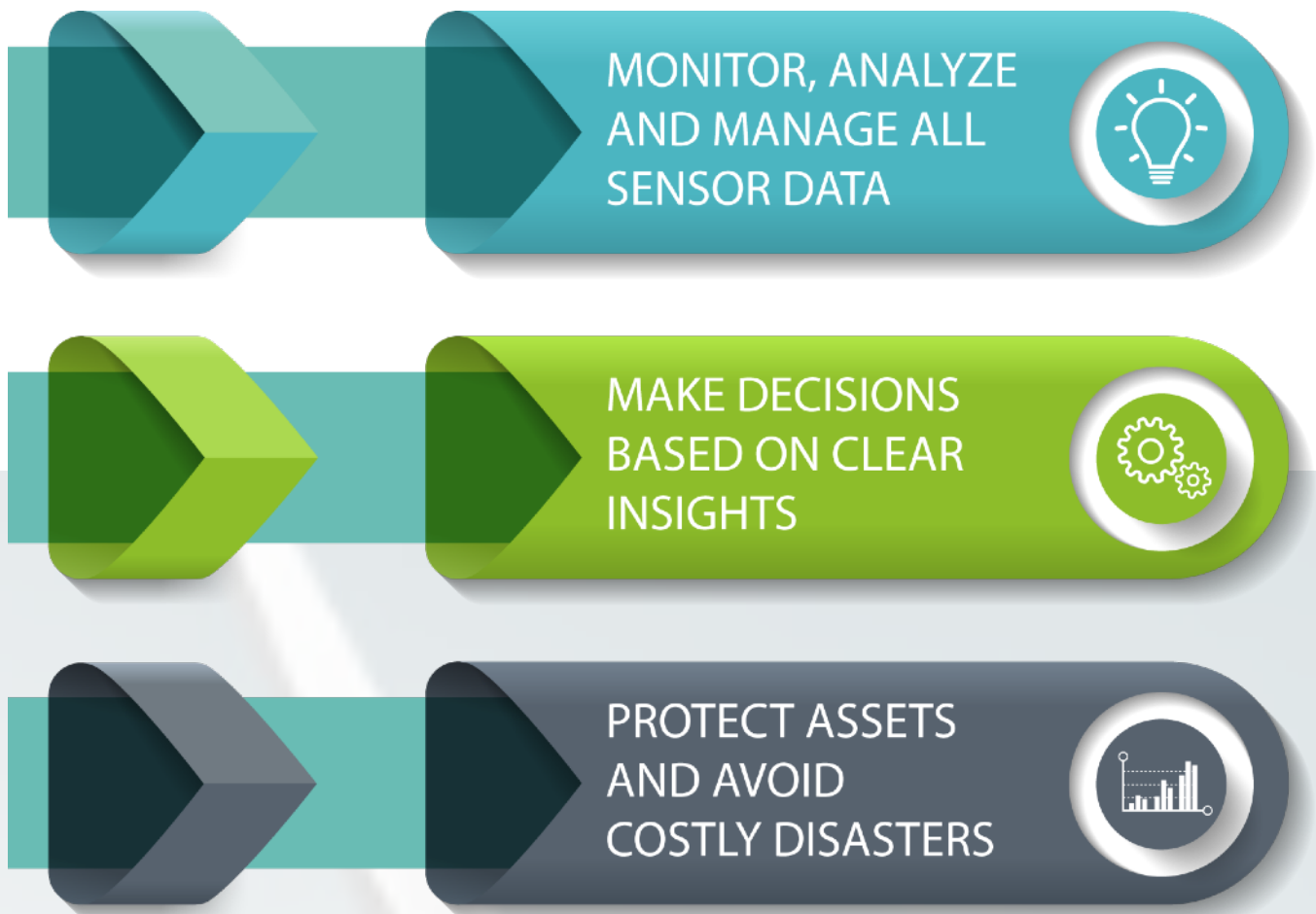
## SOLUTION

QuakeLogic is the only company offering a cloud-based Structural Health Monitoring tool powered by Artificial Intelligence (AI).

Our **SMARTTURBINE** platform performs real-time structural assessments and sends rapid notifications and reports when established thresholds are breached and structural integrity may be compromised.



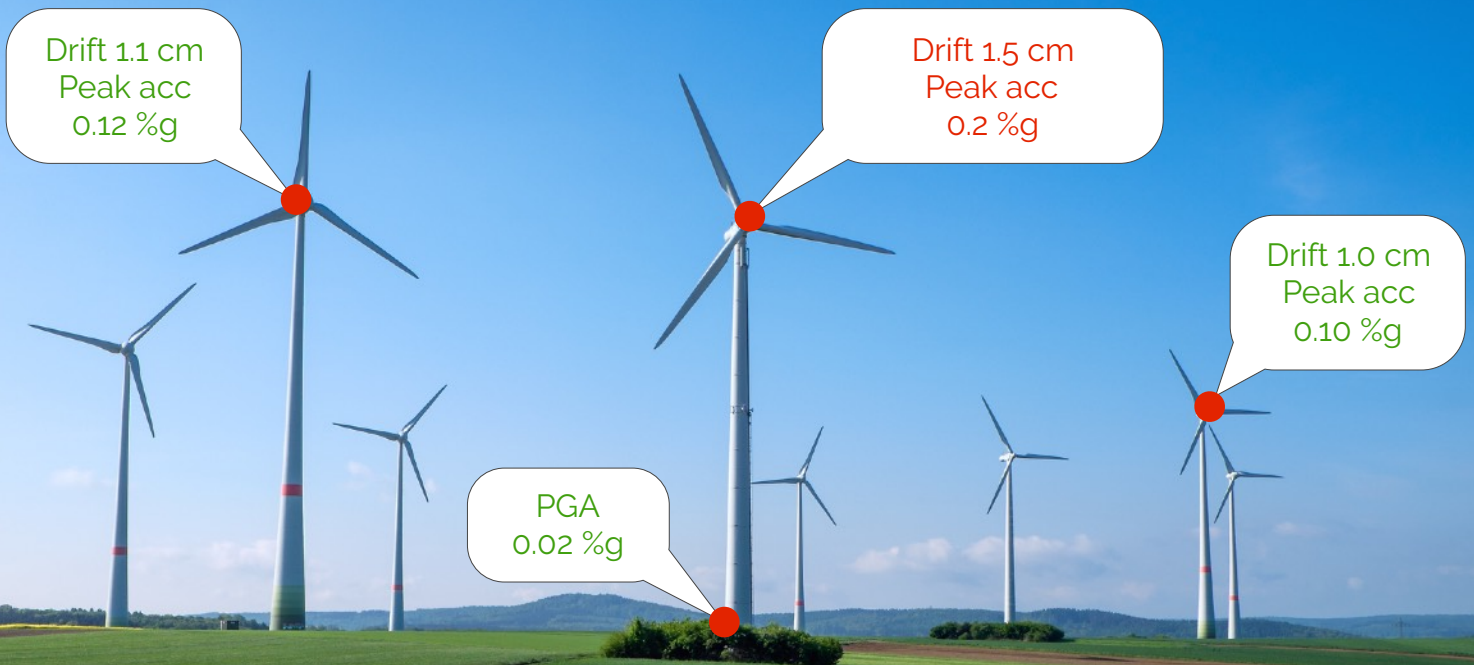
**SMARTTURBINE** solution minimizes downtime and maximizes productivity.



## WINNING FEATURES OF **SMARTTURBINE** SOLUTION

- **Easy** installation during or after manufacture of any and all turbines.
- **Convenient** mobile-friendly visibility through the secure dashboard allowing operations/management team to monitor and respond to wind turbine sensor data.
- **Integrated** solutions connecting accelerometers, tiltmeters, GPS, strain gauges, fiber-optic and vibrating wire sensors with state-of-the-art **SMARTTURBINE** software.
- **Affordable** detection of early structural degradation to protect assets and limit the risk and effects of potential disasters.
- **Reliable** watchdog continuously monitoring of the technical platform to ensure 99% system uptime.

# Simple setup and ongoing maintenance minimize downtime



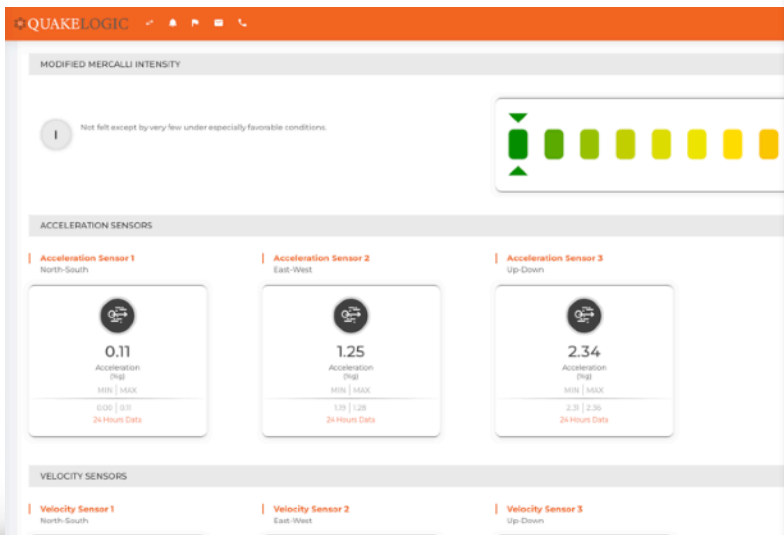
**Make sense of data**  
with powerful analytics,  
dashboard and  
visualization

**React instantly** to  
critical sensor readings  
with custom alarm  
notifications

**Inform stakeholders**  
with detailed user roles  
and customized  
reports



Only QuakeLogic's cutting-edge technology provides real-time information on wind turbine performance, allowing management to prioritize inspections and prevent unnecessary and costly interruptions to productivity.




” Proper monitoring, surveillance and maintenance can provide early detection and intervention –Emergency Response



 **QUAKELOGIC**  
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