



 **asensiot**

 **FRT**  
First Response Tool

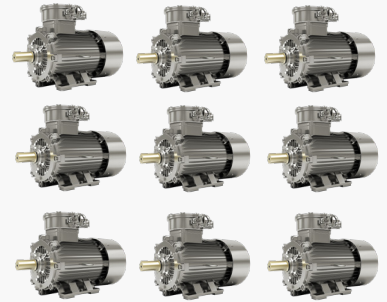
**First Response Tool**  
- intelligent condition monitoring

# Screening power to your condition monitoring data

The vibration-based condition monitoring data from rotating machines as such has no value. Only correctly measured data interpreted as comprehensible results brings real added value. FRT™ provides added value through efficient data screening i.e. first response. The automatic first response allows the end user to react on failures earlier than ever before.

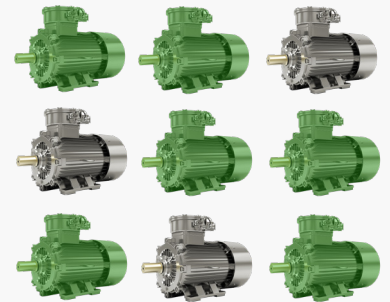
## 01 | DATA COLLECTION ●

FRT™ processes the acceleration raw data from all systems with sufficient performance and enables more independent condition monitoring program. The tool is system independent.



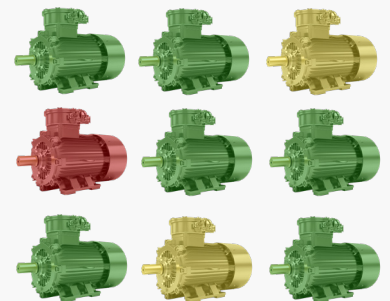
## 02 | AUTOMATIC FIRST RESPONSE ● ●

The AI algorithm screens with more than 99% accuracy the machines that don't need any attention. This is what we call first response. By using the first response, concrete work can be focused on real problems.



## 03 | SUMMARY OF MACHINE FAILURES ● ● ●

In addition to machines in good condition, FRT™ provides a first response summary of fault types without rotational speed and bearing information with more than 85% accuracy. The results can be integrated into external systems.



- Raw data
- Acceptable | defect not started
- Warning | 2-9 months before failure
- Danger | 1-2 months before failure

# Screen data to pinpoint where the analyst should focus their effort

The FRT™ First Response Tool is a responsive web-based application with features to support vibration analysts. The analyst can focus on the machines that require attention thus improving their efficiency and effectiveness.

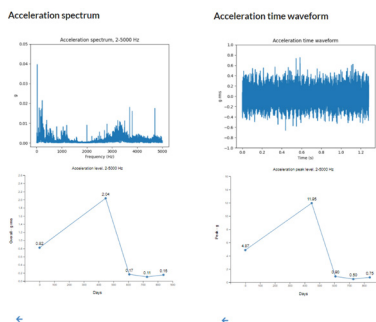
## MEASUREMENT OBSERVATIONS

- Visual observations
- Comments
- Attachments and photos

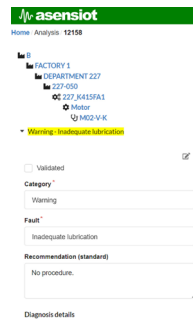
## AUTOMATIC FIRST RESPONSE

The automatic first response summary cuts out wasting of vibration analyst's time from focusing on machines that don't need any attention.

## FEATURES TO SUPPORT VIBRATION ANALYSTS



Graphs and trends



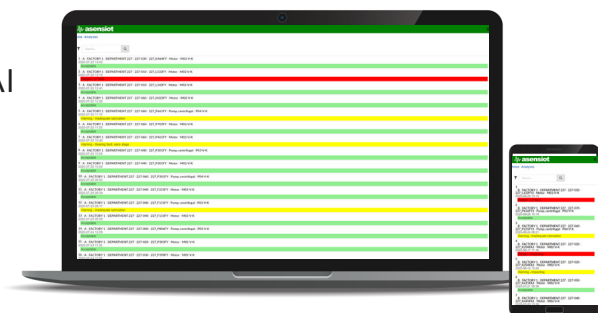
Reporting



Machine event log

## COMPLETE OVERVIEW

- Asset health overview by the AI algorithm and experts.
- Recommended actions to support work planning.



No hidden costs – you pay only for the results.

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