



DDS SOFTWARE

DIGITAL DIAGNOSTICS SYSTEM

DDS is the main software system for vibration diagnostics, machine history, route measurements, trend analysis, alarms and reporting.



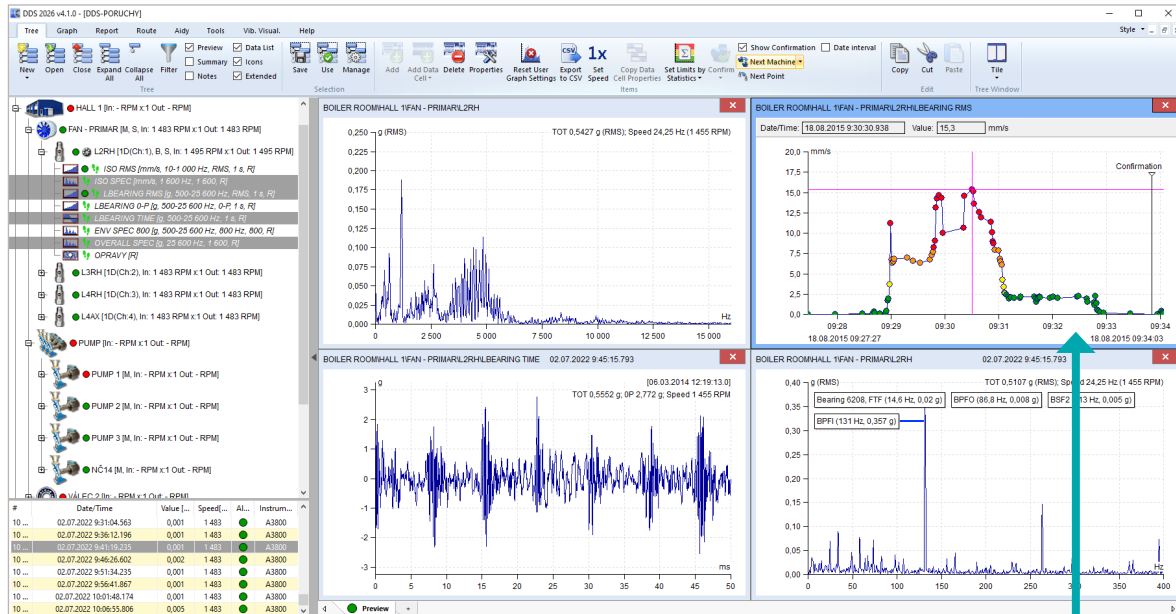
DDS tutorial videos

MASTER THE LANGUAGE OF YOUR MACHINERY



SOFTWARE FOR VIBRATION ANALYSIS AND MACHINE DIAGNOSTICS.

ADASH DDS is the main software system for vibration diagnostics. It stores machine history, manages route measurements, collects online monitoring data, displays trends and spectra. The new feature is AI assistant for diagnostics: Advisor + Aidy. DDS turns measured vibration into clear maintenance action.

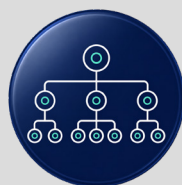


TRENDS & ALARMS

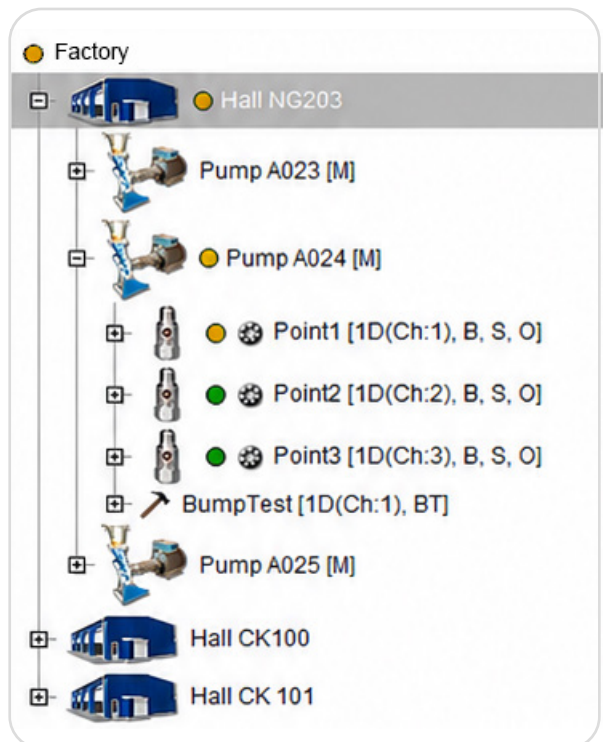


A single value shows the machine's condition today, but a trend reveals how a fault is developing over time. DDS keeps the full history visible, allowing you to predict failures and react long before a minor issue triggers an expensive shutdown.

ROUTE TREE



Build a clear visual model of your factory: Plants, departments, machines, components (bearings), measurement points, and parameters.



ONE SOFTWARE PLATFORM. COMPLETE DIAGNOSTICS WORKSPACE.

DDS is the common workspace for ADASH portable instruments and online systems. It uses the same software logic for periodic route data and continuous online monitoring of critical assets.

Collect the data with any Adash measuring device and load the data into DDS software.

ONE SOFTWARE FOR ALL UNITS

ROUTE MEASUREMENTS

Create a route in DDS. Transfer it to an ADASH instrument. Measure in the field. Upload the data back. Trend, analyze and report.

Ideal for service companies and maintenance teams which are managing hundreds or thousands of measurement points.



ONLINE MONITORING

For critical machines monthly measurement is not enough. DDS works with A3716 and A3800 systems to collect data automatically and store history in one place.

Ideal for critical machine assets with expensive downtime, for inaccessible machines or machines with fast-developing failures.



DDS ADVISOR: PHYSICS-BASED DIAGNOSTIC EXPERT WITH AI SUPPORT

DDS combines a physics-based diagnostic engine with an AI assistant. Advisor evaluates the machine condition using proven vibration principles and ADASH diagnostic know-how. AI assistant AIDY helps explain the result, ask follow-up questions and turn the diagnosis into understandable maintenance communication.



1. ANALYZE - Advisor evaluates machine condition
2. REPORT - Advisor prepare short recommendation for maintenance

It's Aidy^{PRO}, ADASH AI assistant
How can I help you?



Machine Name: A4

Mechanical condition of the machine:

Regarding mechanical faults, the machine condition is above the danger limit. The machine should not be operated any further.

Detected faults and recommended repairs:

Unbalance - The severity is above the danger limit. We recommend to balance the rotor at point r2. The machine should not be operated any further.

Conditions of the bearings:

All bearings are in good condition.

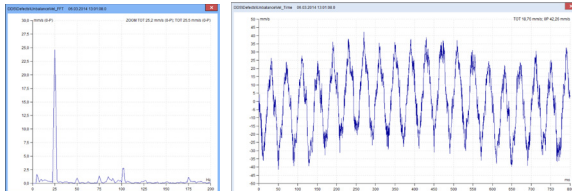
Ask AIDY Pro...



EXPLORE BASIC AND ADVANCED DDS FUNCTIONS

FFT & TIME WAVEFORM

Inspect frequency content and raw dynamic behaviour in detail.



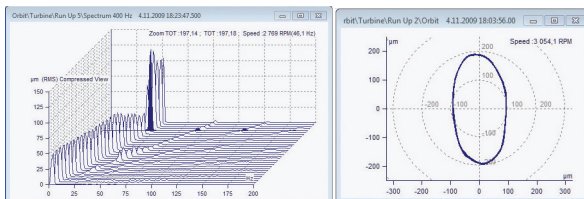
VIBRATION VIZUALIZATION

Turn a standard video into visible machine movement. See component vibrations that are invisible to the human eye.



WATERFALL, SPECTROGRAM & ORBIT

Use advanced visual tools for deeper investigation.



BEARING DATABASE

The built-in bearing database helps identify bearing fault frequencies faster and makes vibration analysis more precise and reliable.

QR MACHINE MARKING

Mark your measuring points on machine with QR codes so you never make a mistake with measuring points and transferring data into the route tree.



ADASH SUPPORT

FREE UPDATE. NO ANNUAL FEES.

Buy once. Use forever.
No annual fees. No subscription pressure.
Once you buy the DDS licence you can download the new versions from the Adash website free of charge.

CONTACT

ADASH spol. s r. o.
Hlubinska 32/1379 Ostrava
702 00
Czech Republic



+420 596 232 670
info@adash.com
www.adash.com

MASTER THE LANGUAGE OF YOUR MACHINERY

