

NEST i4.0

Predictive Maintenance Software

This Industrial Internet of Things (IIoT) version of the Nest

integrates your entire condition monitoring program:

- Fast visual insight into potential machinery health issues
- Allows secure worldwide access to your program's data set.
- Software augmented diagnostic and predictive analysis: based on OneProd's 30 years of expertise in preventive maintenance technology



Machine Health Matrix

Fast, easy identification of the health of your machines

- Analyze a machine's health in just one screen
- Overview of all parameters and easy drill-down to each
- individual parameter and point
- Manage and access data for even the largest machines
- Full reporting capability
- Add parameters and points as needed
- Direct access to waveforms and spectra
- Easily locate and identify possible defects

Bearing Defect™ Factor

Evaluates the roller/ball bearing health automatically

Continuously grows during the bearing life cycle

Early fault detection

Shock Finder™ Index

Easy shock identification and diagnostic

Quantifies shocks automatically in the time waveform

HarmoniX™ Index

Full frequency high resolution merged spectrum

Quantifies harmonic families in spectra automatically

Accurex™ automatic machinery diagnostics

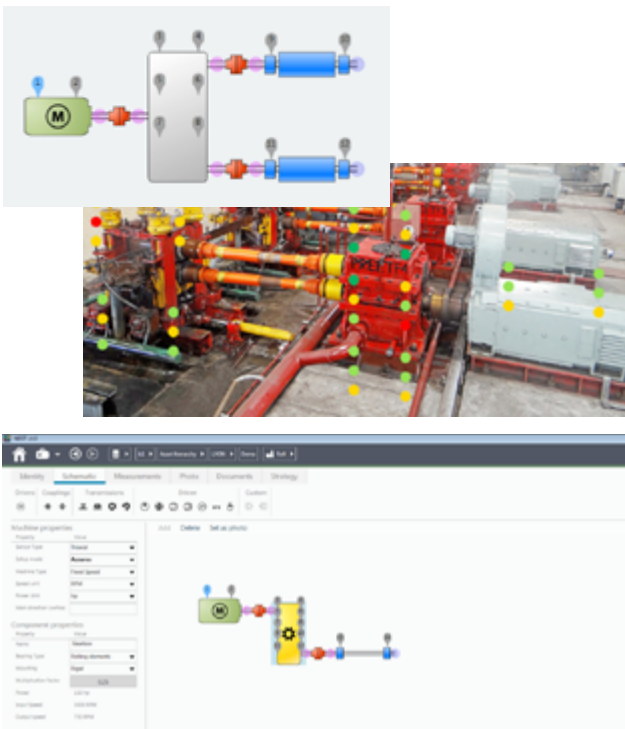
The color of the machine (Green, Yellow, Red) corresponds to the first level diagnostic and shows the urgency of the analysis

Results of faults identified are pre-filled and can be modified by the user

Machine Builder

Quick and intuitive set up: drag and drop

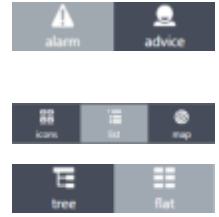
- Build complex machines with hundreds of vibration parameters in just minutes.
- Create virtually any machine using built-in or customized templates
- Compatible with Accurex™ automatic diagnostics
- Accessible to all staff levels
- Build what you will see during the analysis
- Easily add or modify a parameter or signal on one of several measurement points at the same time
- Create custom complex machines with the use of the custom component:
 - Customizable: number of bearings, 1 or 2 shaft outputs, speed ratio for each shaft
 - Free component labelling



Supervision Tool

Easily browse your assets

- Show the machine according to the alarm or expert advice
- Display in icons / list / picture
- Use the Flat mode to show all assets in one view



Worldwide data center

- Display can be customized to the user's profile (analyst, reliability engineer, manager and more)
- Any place, any time login allows users to access reports via the optional NEST Dashboard



Drill down from a global view to an individual machine