NEST Software Suit - Technical Datasheet

Supervision

Are you looking for condition-based maintenance information that is clear, concise and easy to understand? SUPERVISION provides exactly that, for everyone involved in maintaining industrial machinery in operational conditions.
The SUPERVISION module is very intuitive and resolutely visual, and makes condition monitoring available to staff at all responsibility levels regardless of prior expertise. The summary view provides explicit at-a-glance information about the machines' condition. Reports are instantly accessible from anywhere around the world, via an ordinary internet connection.

NEST machine setup module

The machine setup module allows any maintenance operator to easily set up vibration measurements. The machine is described in a very easy way using a simple drag and drop tool. By entering kinematic information (power, rotation speed, and so on) about the machine, the configuration to be used with the FALCON portable data collector' s automatic diagnosis system can be generated automatically. For any other machine, the only additional step required is to select one of the measurement point templates supplied with the device.
No vibration engineering skills are required.

NEST Analyst module

The analyst module is the most productive software available on the vibration analysis market. In addition to the full range of conventional analysis tools, it includes powerful features such as the healthy matrix view, the merged spectrum display and automatic post-processing capabilities (software calculated indicators). All users of the ANALYST module also benefit from dedicated technologies based on ONEPROD' s 30 years of expertise in the predictive maintenance of rotating assets with specific algorithms: the bearing Defect Factor™, the Shock Finder™ filter for low-speed shafts, gearbox condition oil indicator, electrical signature analysis, and so on…
For expert users, NEST guarantees the best possible analysis in the shortest possible time.