

# Engineeringtalk

the **ENGINEER**

The latest news for product design and automation engineers

## Software makes sense of machine condition data

A **SKF UK** product story

Edited by the Engineeringtalk editorial team **Nov 6, 2006**

**The SKF Machine Suite is a comprehensive software solution to integrate inspection, vibration and surveillance data from multiple condition monitoring systems and processes.**

The SKF Machine Suite is a comprehensive software solution to integrate inspection, vibration and surveillance data from multiple condition monitoring systems and processes.

The software manages data from both portable and online data acquisition devices so that users can consolidate and analyse data and share machine condition information throughout the organisation.

"Machine Suite software provides users a complete maintenance management solution", said Emilio Vargas, SKF Reliability Systems Product Line Manager.

"This flexible approach allows customers who begin a program by performing periodic inspection and analysis to expand as their needs change, by adding new portable or continuous monitoring devices without interrupting their data analysis process or training users on new software".

Vargas continued: "It is also a very cost effective enterprise solution that saves time and money by providing a fully integrated system for managing critical inspection and maintenance information with limited resources".

Machine Suite integrates data collected using the SKF Marlin Inspection, SKF Microlog Vibration Analysis and SKF Multilog online Systems.

By providing a common software platform, Machine Suite easily allows upgrades, new features and applications to be seamlessly integrated.

By using Machine Suite throughout the organisation, a customer is able to present relevant data in a consistent format, yet has flexibility to customise information displays to meet the needs of different departments.

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Contact **SKF UK**

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**Software optimises performance of plant machinery**

The latest development from SKF for optimising the performance of plant machinery is 'Machine Analyst', which is the core platform in a family of reliability software, the SKF Machine Suite

**SKF launches online vibration monitor**

The Multilog online system DMx combines machine protection and condition monitoring functionality in a single device that can be mounted directly on the machine skid.

**AEO helps Young's build maintenance strategy**

An asset efficiency optimisation (AEO) service from SKF is helping Young's Seafood to develop an effective long-term maintenance strategy.

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## Continuous condition monitoring data plant-wide

A **SKF UK** product story

Edited by the Processingtalk editorial team **Nov 6, 2006**

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The software manages data from both portable and on-line data acquisition devices so that users can consolidate and analyse data and share machine condition information throughout the organization.

"Machine Suite software provides users a complete maintenance management solution," according to Emilio Vargas, SKF Reliability Systems Product Line Manager: "This flexible approach allows customers who begin a programme by performing periodic inspection and analysis to expand as their needs change, by adding new portable or continuous monitoring devices without interrupting their data analysis process or training users on new software".

Mr Vargas continued, "It is also a very cost-effective enterprise solution that saves time and money by providing a fully-integrated system for managing critical inspection and maintenance information with limited resources.

"Machine Suite integrates data collected using the SKF Marlin Inspection, SKF Microlog **Vibration Analysis** and SKF Multilog On-line Systems.

By providing a common software platform, Machine Suite easily allows upgrades, new features and applications to be seamlessly integrated.

By using Machine Suite throughout the organization, a customer is able to present relevant data in a consistent format, yet has the flexibility to customise information displays to meet the needs of different departments.

Some key benefits include: \* SKFMachine Suite: Incorporating other capabilities into your system, such as Remote Route, Human Machine Interface (HMI), and TrendOil, can quickly be completed.

\* Machine Suite integrates with SKF @ptitude Decision Support System that automates the reliability maintenance decision-making process by identifying probable faults with an asset or process, then prescribing appropriate action.

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#### **AEO helps Young's build maintenance strategy**

An asset efficiency optimisation (AEO) service from SKF is helping Young's Seafood to develop an effective long-term maintenance strategy.

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#### **SKF introduces TKTI 10 thermal camera**

SKF has launched a low-cost digital camera that offers both thermal and 2-megapixel visual imaging, suitable for use by maintenance technicians with a limited knowledge of thermal imaging.

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#### **SKF dry lubrication safely boosts line efficiency**

SKF's latest Vogel dry lubrication safely and cost-effectively optimises the efficiency of food and drink production lines.

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#### **SKF introduces TKES 1 handheld endoscope**

SKF UK, an engineering company,

\* Alarms can be defined and modified to address specific machines and processes.

Multiple alarm status can be viewed simultaneously.

\* Customised reports can be generated and shared to enhance inter-department communications.

\* Machine Suite interfaces with **SAP** and other Computerised Maintenance Management Systems.

SKF Reliability Systems goes beyond condition monitoring to supply reliability consulting services including conducting Maintenance Strategy Reviews, performing Client Needs Analyses and designing and implementing Operator Driven Reliability and condition-based **predictive maintenance** programmes.


has developed a handheld endoscope that is intended to allow users to assess the condition of difficult-to-access equipment simply and quickly.


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#### **SKF technology cuts cost of pipeline maintenance**

SKF linear motion technology is helping Mirage Machines to enhance the performance and reliability of its flange-facing tools.

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