

Press information

For further information, please contact:
Samantha Joubert, Manager
Tel: +27 11 821 3602 / Fax: +27 (0) 86 681 4342
Samantha.joubert@skf.com

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Smooth sailing for maritime sector with SKF Enlight Centre machine condition monitoring system

SKF Enlight Centre is an internet-enabled condition-based maintenance (CBM) and condition monitoring (CM) system designed for the global marine industry.

This first-of-its-kind, asset based (as opposed to measurement focused) machine health monitoring system has been designed to meet the changing needs of today's marine asset management professionals.

This web based 'software-as-a-service' tool represents the first phase of a multi-segment software development strategy from SKF's machine health software team based in Gothenburg, Sweden. The goal is to roll out this comprehensive, standardised machine condition monitoring offering across all sectors of industry and transportation, where remote monitoring and operation is required. The new software which features a radically simplified user interface, will eventually replace SKF's existing @ptitude Asset Management System.

Easy and intuitive to use, this next-generation system identifies potential machine anomalies before they can cause malfunctions or damage, with data being transmitted via cloud-based technologies to land-based sources of advice and expertise. SKF Enlight Centre allows data to be accessed from anywhere around the world, regardless of the location of each vessel. The system enables ship operators and engineers to implement an effective condition-based maintenance strategy, scheduling repairs or overhauls to minimise disruption and operational costs and improve safety and reliability.

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SKF South Africa (Pty) Limited

PO Box 13157, Witfield, 1467, Visiting address 4B Saligna Street, Hughes Business Park, Witfield 1459, South Africa
Tel 011 821 3500, www.skf.com

I.G. Cillié (Managing), B.J. Dailly
Reg. No.: 1914/004430/07 Vat. Reg. 4160112928

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The system can be configured to provide different levels of access to different users such as for example, a chief engineer or fleet manager. Using built-in work flows, SKF Enlight Centre provides even relatively inexperienced maritime users with pertinent diagnostic information and analysis. If required, this can be shared with SKF who can offer knowledge-based services via the internet in the event that an impending machine malfunction is detected and further guidance be required.

The system is offered under a subscription-based licensing agreement and can be readily tailored to meet specific user requirements, maximising business efficiency in terms of CapEx and OpEx.

Robert Kaufman, Product Line Manager, Software for Condition Monitoring at SKF comments: "Enlight Centre is unlike anything else on market. Easy to use and easily tailored to match the user's specific requirements, it serves the capabilities of personnel on every level - from chief engineer to equipment operator, and offers a great way to teach 'work optimisation' techniques to less experienced staff."

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SKF is a leading global supplier of bearings, seals, mechatronics, lubrication systems, and services which include technical support, maintenance and reliability services, engineering consulting and training. SKF is represented in more than 130 countries and has around 17,000 distributor locations worldwide. Annual sales in 2017 were SEK 77 938 million and the number of employees was 45 678. www.skf.com

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By Laverick Media Communications T: +27 (0) 11 0400 818

sonia@laverickmedia.co.za/www.laverickmedia.co.za

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