SKF @ptitude Connect

Simplify your condition monitoring programme with subscription-based software

Data collection
Customers collect critical machine data using SKF condition monitoring handheld or online systems.

Data transmission
Customers upload data to SKF's cloud, which is distributed across a global network of SKF Remote Diagnostic Centres. Customers have secure 24/7 access to their data.

Data analysis
Customers analyze and use machine data to support their predictive maintenance or condition-based maintenance programme. Diagnostic support is available from SKF.

SKF @ptitude Connect: all the benefits of condition monitoring, without all the costs

Benefits
- **Reduced IT start-up costs**
- **Reduced maintenance and IT operating costs**
- **Scalable to meet changing demands**
- **Standardized CBM technologies**
- **Global accessibility and collaborative support**

Condition monitoring costs can be a challenge

By increasing equipment reliability and availability, Condition Based Maintenance (CBM) programmes can pay big dividends. But for many facilities, purchasing and managing the required software can be a challenging investment in time and money. SKF @ptitude Connect offers a much easier, more affordable alternative.

A cost-effective solution from SKF

SKF @ptitude Connect is a Software as a Service (SaaS) solution that only requires a low annual subscription. With SKF @ptitude Connect, any company with an Internet connection can access and analyze its machine condition and operating data through SKF's Cloud.

Compatible with SKF handheld or online condition monitoring data collection devices (DADs), SKF @ptitude Connect lets end-users operate their CBM or PdM programmes just as they would with on-site software. SKF manages the rest, allowing customers to avoid the associated IT costs and management headaches.

Shift from CAPEX to OPEX and save

As a subscription-based service, SKF @ptitude Connect turns what would otherwise be a significant IT capital expenditure (CAPEX) into a more affordable operating expenditure (OPEX). In some cases, the cost of an SKF @ptitude Connect subscription could be as low as a traditional one-year product support plan.

With SKF @ptitude Connect, facilities avoid the overhead costs of an operating system, servers, software upgrades, database licensing and backup systems. They can also manage their condition monitoring IT infrastructure without having to hire additional personnel. SKF @ptitude Connect allows application and database sharing plant-wide or enterprise-wide, enabling even more savings.

Optimized IT and expert support on demand

Managing IT issues more easily

Along with controlling IT costs, SKF @ptitude Connect helps facilities simplify many common IT issues. Because the service is cloud-based, installation is fast – operational availability can generally be achieved within days. When critical software updates or functionality upgrades are required, they are uploaded quickly and seamlessly.

SKF @ptitude Connect also helps facilities standardize machine condition diagnosis and analysis practices across multiple sites. When necessary, SKF can manage the database to ensure top application performance.

Collaborate with SKF, 24/7

Should additional analysis support be required, SKF @ptitude Connect customers can collaborate with SKF experts 24/7, without having to spend time exporting and emailing machine data. This collaboration on-demand adds a key Knowledge as a Service (KaaS) element to SKF @ptitude Connect, one that typical data hosting services cannot match.

Connect with a world of SKF knowledge

What makes SKF an ideal choice for IT support of your predictive maintenance programme? First, because SKF condition monitoring solutions are backed by 100+ years of rotating machinery expertise, plus decades of leadership in the development of condition monitoring hardware and software.

Secondly, SKF pioneered Asset Efficiency Optimization (AEO), a comprehensive work management process for optimizing plant performance. Subscribers to SKF @ptitude Connect (part of SKF Asset Diagnostic Services) will use this proven methodology to implement their own world-class CBM or PdM programmes.

And finally, SKF has unmatched condition monitoring experience in virtually every industrial segment. Our machine data experts are currently monitoring more than half a million assets in industries including food and beverage, marine, metals, mining, oil and gas, pulp and paper, wind and more.

Robust data safety and security

SKF's Cloud* protects data integrity in key areas of concern:

Data access
SKF's Cloud guards data access with best networking practices that include a DMZ (demilitarized zone) with a fully segregated internal network. All data streams are monitored via firewall/security gateways that are Common Criteria EAL4+, that are certified and able to detect a range of threats.

Data transmission
SKF's Cloud supports VPN as well as SSL/SSH connections to reduce the risks of transferring data over the Internet.

Data storage
All SKF @ptitude Connect user data is protected with a secure, rolling backup solution. The entire SKF @ptitude Connect IT infrastructure, including all servers and networking devices, is also backed up.
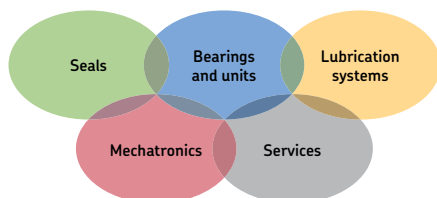
Data center access
Because unauthorized data access is possible in the physical data center, SKF works with a service provider with high security access control on several levels.

*Compliant with ISO 27001 and SSAE 16 (formerly SAS 70)

SKF @ptitude Connect
Data collection and hosting
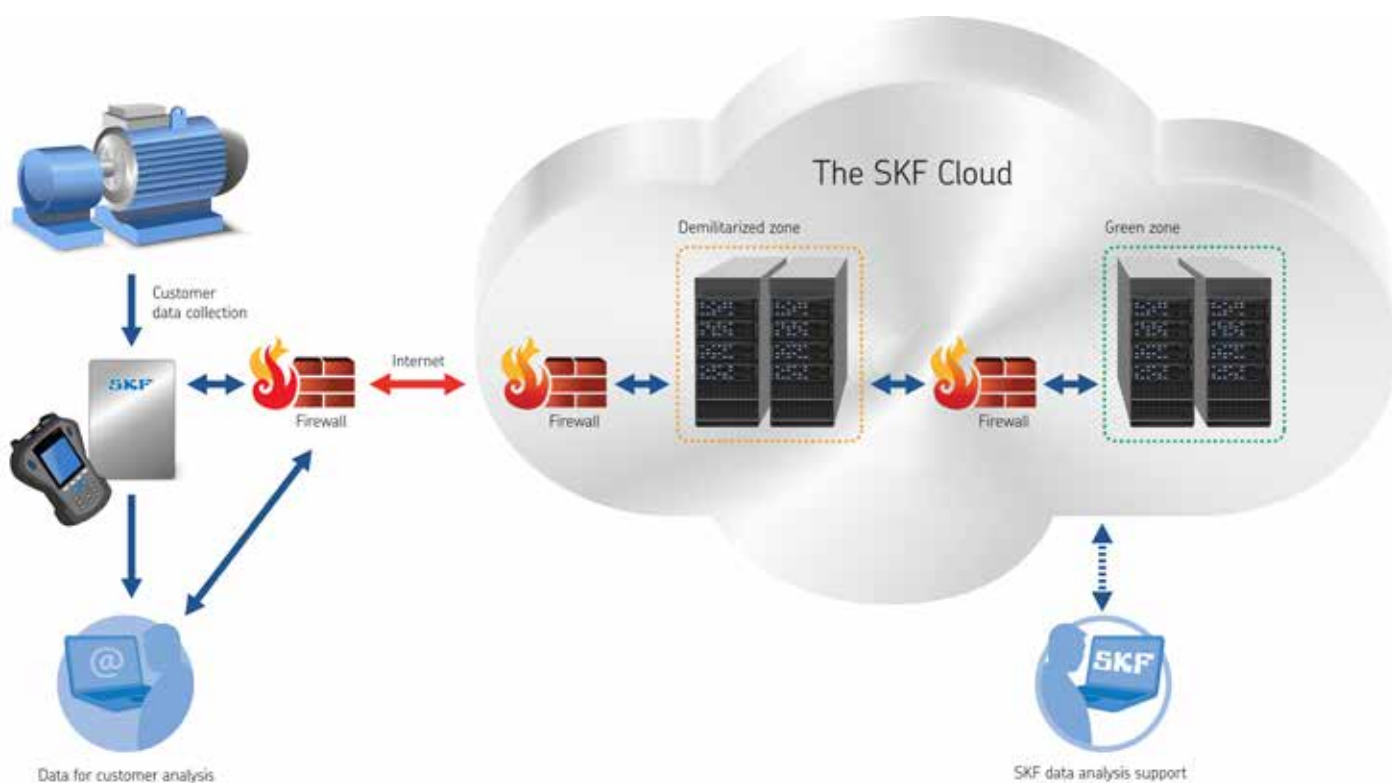
The Power of Knowledge Engineering
Combining products, people, and application-specific knowledge, SKF delivers innovative solutions to equipment manufacturers and production facilities in every major industry worldwide. Having expertise in multiple competence areas supports SKF Life Cycle Management, a proven approach to improving equipment reliability, optimizing operational and energy efficiency and reducing total cost of ownership.

These competence areas include bearings and units, seals, lubrication systems, mechatronics, and a wide range of services, from 3-D computer modelling to cloud-based condition monitoring and asset management services.

SKF's global footprint provides SKF customers with uniform quality standards and worldwide product availability. Our local presence provides direct access to the experience, knowledge and ingenuity of SKF people.

skf.com