

SKF China: Driving digital transformation with enterprise architecture excellence

Wherever there's movement, SKF Group plays a role. Its offerings including bearings, seals, and lubrication systems are embedded across industries and everyday life. The global technology leader operates in around 130 countries and through 17,000 distributor locations worldwide.

SKF (China) Co. Ltd. (SKF China) has reached a key milestone by migrating to cloud ERP. This digital transformation required stronger alignment between business and IT through a more structured and governed enterprise architecture approach. To achieve this, SKF China needed to build a reference business-capability map, conduct a formal enterprise architecture maturity assessment, and define a transformation architecture road map. Together, these initiatives would help it modernize IT, simplify operations, and create a strong foundation for continuous improvement, innovation, and scalable growth.

SKF



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Architecting a China-sovereign, globally connected enterprise with SAP solutions

Before: Challenges and opportunities

- Fragmented artifact management, lacking strong governance, traceability, and accessibility
- Absence of a structured capability model to align the value chain with the SAP software landscape
- Need to unify global and China practices while balancing global standards with China's data sovereignty and localization requirements
- Skills and tooling gaps, hindering business-IT alignment, architecture development, and workforce enablement

Why SAP

- SAP Enterprise Architecture Framework methodology, helping structure transformation across business and IT, and SAP Reference Business Architecture, supporting a three-layer capability model that enables systematic value-chain mapping
- Model company bundle for SAP Business Suite, speeding transformation with predefined templates
- Integrated SAP solution portfolio, enabling traceability from business strategy to system execution
- Deep expertise of SAP China's experts in SAP LeanIX and SAP Signavio solutions

After: Value-driven results

- Enabled strategic gap analysis with a new business capability map
- Introduced a formal maturity assessment model for the enterprise architecture practice
- Identified key skill gaps for future development

"We have standardized on SAP solutions across regions guided by a living capability map and a disciplined enterprise architecture practice. This sets the foundation to scale innovation, turn architecture into a strategic asset, and **compound value year over year.**"

Grant Peng, Global Enterprise Architect, SKF (China) Co. Ltd.

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Tiers spanning domain, capability, and subcapability levels, enabling precise gap analysis

Dual

Instance global and China architecture governed by the new model

SKF (China) Co. Ltd.
Shanghai, China
www.skf.com

Industry
Industrial manufacturing

Products and services
Rolling bearings, seals and sealing solutions, lubrication systems, and condition-monitoring services

Employees
37,000+ (group)
(www.skf.com)
August 2026)

Revenue
\$9.36 billion (group)
(www.skf.com)
August 2026)

Featured solutions
SAP Enterprise Architecture Framework, SAP Reference Business Architecture, model company for SAP Business Suite, and SAP LeanIX and SAP Signavio solutions

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