



SAP® Intelligent Asset Management

Compendium





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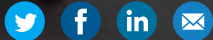
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Dear Reader,

Welcome to the e-book for SAP® Intelligent Asset Management solutions, a compilation of collateral spanning customer success stories, business transformation studies, solution videos, brochures, and press articles.

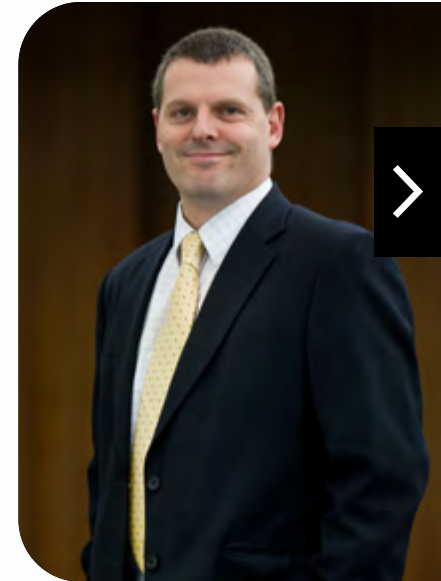
With SAP Intelligent Asset Management solutions, you can maximize asset performance – with real-time insights, predictions, and simulations.

SAP Intelligent Asset Management solutions deliver on the vision of the Intelligent Enterprise by extending and enhancing core asset management processes through the use of leading-edge technologies including the digital twin, Internet of Things, machine learning, and advanced analytics. SAP Intelligent Asset Management solutions enable cost control along the complete asset lifecycle, native integration to SAP's portfolio for the Intelligent Enterprise, and decision support to improve equipment performance while reducing risk. You can improve processes and predict outcomes, collaborate across networks, and offer differentiated service while generating new revenue streams and developing new ways to compete and disrupt your industry. We look forward to continued collaboration and value any feedback you may have. Feel free to contact us for any information you may need.

Best regards,

Patrick Crampton-Thomas

Head of Digital Asset Management, SAP Solution Management





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SAP Intelligent Asset Management





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Manage the entire lifecycle of your
physical assets with **enterprise asset
management (EAM)** software from SAP.



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Cloud-based **SAP Intelligent Asset Management** solutions help you achieve operational excellence; access accurate, real-time information about your enterprise; predict potential operational problems before they occur; and empower your workforce with the information needed to run operational processes smoothly.

[Learn more](#)



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SAP Intelligent Asset Management in the Intelligent Enterprise

SAP Overview Video

Watch this new video overview of the power of SAP Intelligent Asset Management as part of the Intelligent Enterprise. See how you can operate in the Intelligent Enterprise and maximize asset performance with real-time insights, predictions, and simulations. The time is perfect for a digital transformation in asset management.





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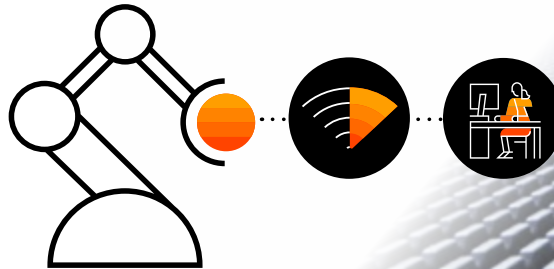
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Intelligent Asset Management **Strategy**

SAP Brochure

Discover next-generation capabilities for asset operations and maintenance powered by innovations such as machine learning. Find out more about SAP Intelligent Asset Management, our cloud suite that delivers the future of dynamic, real-time asset operations and maintenance and asset performance management together as one unified solution.

[Read the brochure](#)





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Intelligent Asset Management – A Critical Differentiator for Today's Maintenance and Operations Organizations

ARC Advisory Group White Paper

The world of asset management continues to evolve, and at a rapid pace. The result is a need for next-generation intelligent and connected asset management capabilities.

[Read the paper](#)



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Enable Asset Management Systems with **Integrated** **Enterprise Information Solutions**

SAP Thought Leadership Paper

Are you confident that your asset management practices are maximizing return on assets consistently and sustainably? Compliance with ISO 55000 can help your company gain a competitive advantage through more-effective management of valuable corporate assets.

[Read the paper](#)



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SAP Asset Intelligence Network





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Share information about
equipment with an
asset intelligence repository.



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SAP Asset Intelligence Network

Use a cloud-based repository to collect and track enterprise asset information.

Collaborative asset management

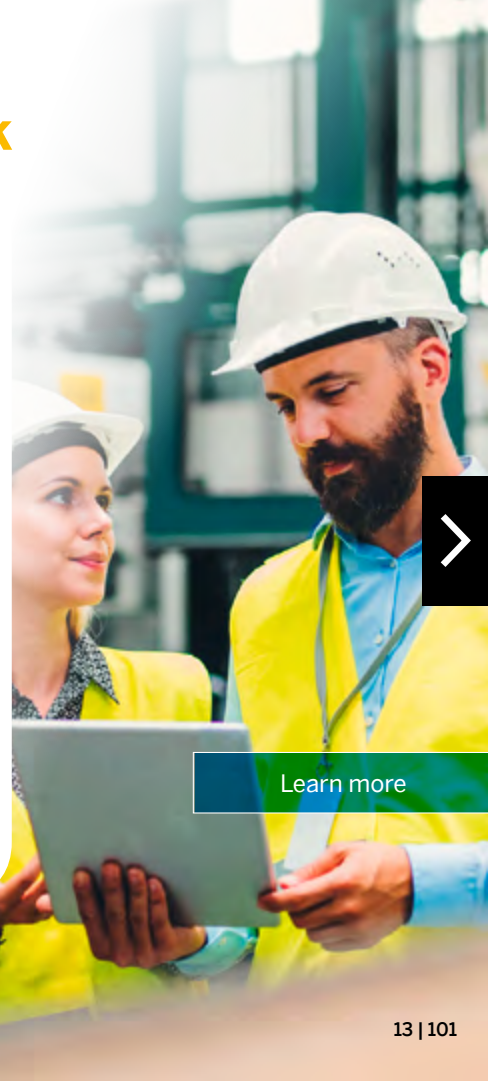
Share best practices for optimal deployment, management, and maintenance of equipment.

Centralized asset data repository

Access details about assets and equipment from one place, enabling effective asset management and customer service processes.

Equipment information tracking

Connect with manufacturers, operators, or service providers to share analytics on asset performance.





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Share Information About Equipment with an **Asset Intelligence Repository**

Collect and track equipment information in a central repository. This cloud-based business network, part of SAP Intelligent Asset Management solutions, facilitates collaborative asset management and lets you take full advantage of the Internet of Things (IoT). Operators access up-to-date maintenance strategies and manuals from manufacturers – and manufacturers automatically receive asset usage and failure data.

- Cloud deployment
- Centralized asset data repository
- Automated tracking of equipment usage information
- Support for collaborative asset management



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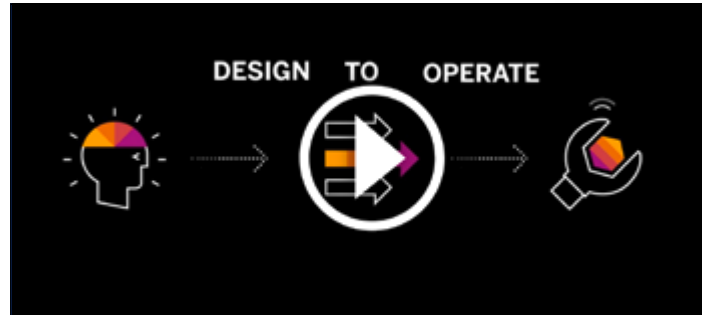
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How to Connect and Cooperate with Your Business Partners on **SAP Asset Intelligence Network**

This video shows the basics of SAP Asset Intelligence Network. It explains how to subscribe and start building your network, and it features the smart matcher app, model request cross-company workflow, and available channels for frictionless onboarding of mass volumes of equipment.





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Introducing **SAP Asset Intelligence Network**

Curious about SAP Asset Intelligence Network? In this video, you will get a very good idea about the solution and what it can do for you by connecting machines and businesses everywhere in one seamless network. Cloud-based SAP Asset Intelligence Network is now available for customers.





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Revolutionize Asset Management with **Global Collaboration** SAP Solution Overview

Discover how SAP Asset Intelligence Network can help streamline the management of valuable assets in your enterprise by bringing the asset ecosystem partners onto a single cloud-based collaborative network platform.

[Read the overview](#)



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Key Benefits

Enable collaborative asset management

Share best practices
for optimal deploy-
ment, management,
and maintenance of
equipment.

Find all the asset information you need in one place

Access a single reposi-
tory for all information
about your assets and
equipment to enable
effective asset man-
agement and customer
service processes.

Exchange asset performance feedback

Connect with
manufacturers,
operators, or service
providers to share
performance
analytics.



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Key Capabilities

Cloud-based deployment

Get up and running quickly and cost-effectively in the cloud with minimal IT costs, low maintenance, and top-notch security.

Intuitive user experience

Accelerate and simplify user adoption by providing a unified, intuitive user experience based on the SAP Fiori® user experience.

Integration with other SAP solutions

Connect with other SAP solutions, such as SAP S/4HANA®, to facilitate a smooth data exchange across enterprise and plant systems.

Collaborative partner relationships

Invite your business partners to the network through a free basic membership to share content and collaborate seamlessly with the active support of our enablement team.



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Why SAP Asset Intelligence Network?

The secure network automates asset data exchange – and helps OEMs, operators, and service providers thrive in the digital economy. Using cloud-based IoT technology, SAP Asset Intelligence Network can help you:

- Connect to a central hub for all EAM stakeholders
- Increase asset data quality with a world-class product data management system

Continued





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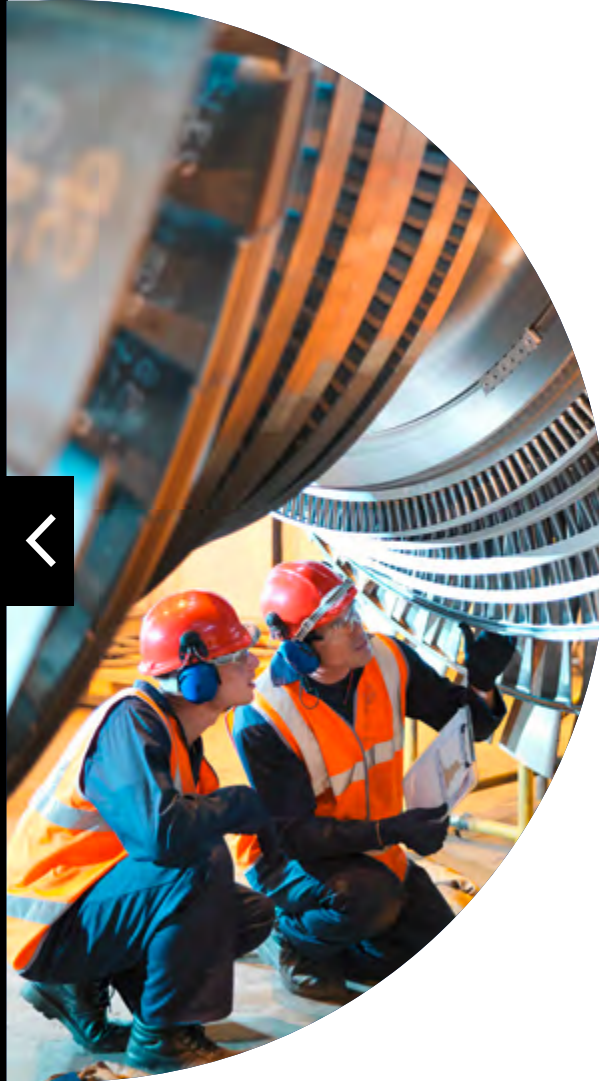
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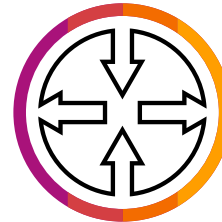
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- Simplify collaborative asset management by storing common metadata on the network
- Improve equipment reliability and issue response times – and reduce asset maintenance costs
- Manufacturers: Boost customer satisfaction, ensure product liability, and make improvements based on feedback
- Operators: Benefit from complete asset information, tailored services, and fewer maintenance issues





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BITZER

SAP Business Transformation Study and SAP Customer Video

Learn how BITZER worked with the SAP Digital Business Services organization to develop a digital asset network. Learn how the network, based on SAP Asset Intelligence Network and the SAP Leonardo® Internet of Things (IoT) solution, has helped the industrial machinery and components (IM&C) company gain an edge in a rapidly changing and competitive market.



[Read the BTS](#)



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“ You can’t buy digitalization, but you can simplify the way toward it. Working with SAP Digital Business Services helped us combine SAP software, business know-how, and customer-focused innovation to create instant value for our business partners.”

Christian Stenzel, Director of Organization and IT, BITZER



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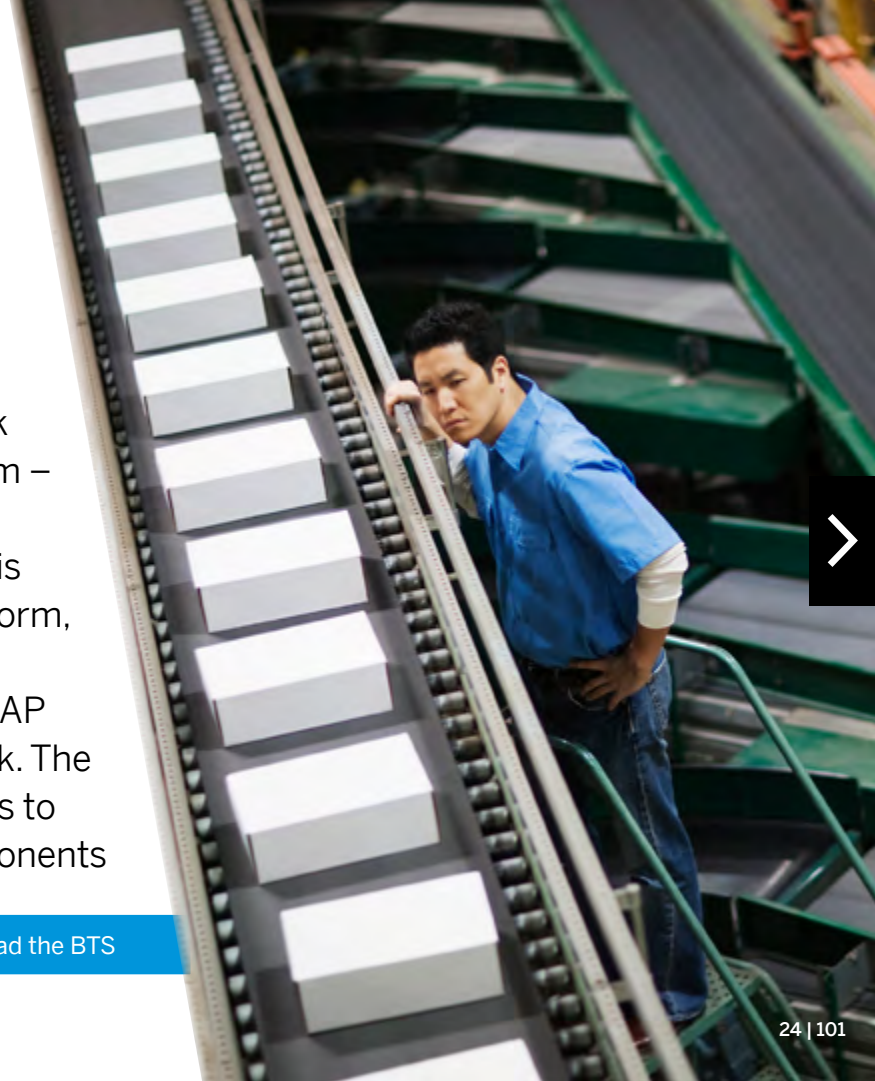


GEBHARDT Fördertechnik GmbH

SAP Business Transformation Study

GEBHARDT Fördertechnik developed its new platform – Galileo IoT – using SAP Leonardo technologies. It is based on SAP Cloud Platform, the SAP IoT Application Enablement toolkit, and SAP Asset Intelligence Network. The platform allows customers to evaluate data on all components at a facility.

[Read the BTS](#)





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With our **Galileo IoT platform** based on SAP software, we bring our customers' logistics equipment up to date with the latest standard of technology."

Stephan Riemensperger, Head of Sales Tools,
GEBHARDT Fördertechnik GmbH



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INDEX-Werke GmbH & Co. KG

SAP Business Transformation Study

Read how IM&C company INDEX expanded its offerings with a comprehensive digital platform for customers, laying the foundation to generate more revenue and enable higher machine productivity.

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“Until now, we primarily sold machines. Now, we are expanding our business toward services. With the help of intelligent cloud solutions and experts from SAP, we can offer our customers comprehensive digital services to **optimize their production.**”

Werner Bothe, Head of Digitalization,
INDEX-Werke GmbH & Co. KG



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Kaeser Kompressoren SE

SAP Business Transformation Study

Read how Kaeser turned to SAP Digital Business Services to support field employees spread all over the globe. Learn how, using the SAP Leonardo IoT solution, Kaeser's Sigma Smart Air Service now offers the best field service backed by a single source of product, component, spare part, and service information.

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“SAP Leonardo technologies provide the framework for different applications that can be easily combined to **orchestrate your own business model.**”

Falko Lameter, CIO, Kaeser Kompressoren SE



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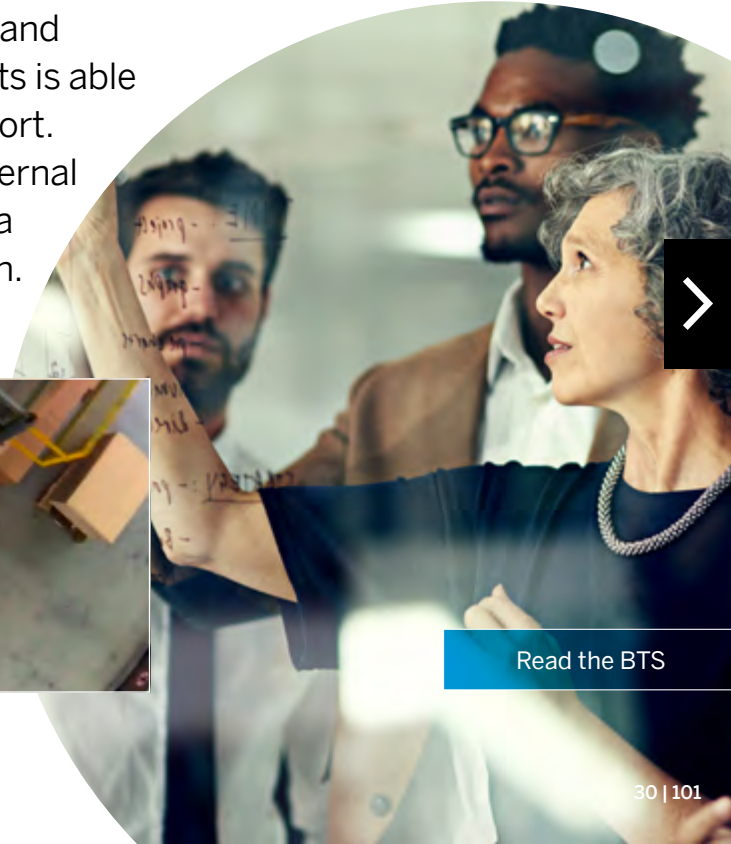


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Kaeser Kompressoren SE

SAP Business Transformation Study and Customer Testimonial Video

Learn how a leading manufacturer and provider of compressed air products is able to minimize the need for field support. SAP technology helps integrate internal business data and external IoT data for a customer-centric supply chain.



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“ We use SAP Data Hub to combine sensor data from all over the world with customer, product, and manufacturing data. It delivers insights and levels of responsiveness that are entirely new. We are entering a new era of innovation and can **act as an intelligent enterprise to provide real value** to our customers.”

Falko Lameter, Chief Information Officer,
Kaeser Kompressoren SE



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NETZSCH Pumpen & Systeme GmbH

SAP Business Transformation Study

Learn how SAP Asset Intelligence Network enabled NETZSCH to standardize its asset portal and provide a global collaborative database to better serve the needs of its customers.

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“ This new network helps our customers and partners, as well as our company, to **be more efficient and reduce the risks** of operating equipment.”

Michael Sigl, Team Lead, IT
Infrastructure and Communications,
NETZSCH Pumpen & Systeme GmbH



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How **Swiss Federal Railways** Reshaped Asset Management with **Reliability-Centered Maintenance** SAP Blog and Webinar

The world of asset management is rapidly evolving, with customers expecting zero downtime. It's not enough to react to asset management challenges – organizations must find predictive and prescriptive solutions. Attain operational excellence, access real-time information, predict potential operational problems, and empower the workforce with the information needed to run processes smoothly. Discover how Swiss Federal Railways (SBB) is realizing these goals by transforming asset management to smart maintenance with SAP Intelligent Asset Management solutions.

[Read the blog](#)

[Join the Webinar](#)



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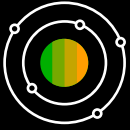
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SAP Asset Strategy and Performance Management





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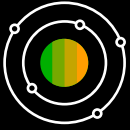
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Measure and improve the performance
of your assets and enhance
maintenance strategies.





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SAP Asset Strategy and Performance Management

Asset information management

Upload data from ERP systems; track models, equipment, locations, and spare parts; and manage failure mode analysis.

Risk and criticality assessment

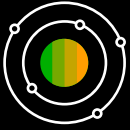
Calculate risk scores based on different dimensions and impact categories.

Failure modes and effects analysis

Identify potential failures, including causes and effects, and prioritize identified failure risks.

[Learn more](#)





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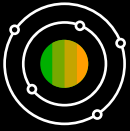
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Optimize Asset Performance Management and Maintenance Strategies

Measure and improve the performance of your assets, and enhance maintenance strategies. With the SAP Asset Strategy and Performance Management application, part of SAP Intelligent Asset Management solutions, you can enable asset owners, managers, plant managers, and reliability engineers to improve control while making maintenance planning easier and more accurate.

- Cloud deployment
- Streamlined planning and monitoring of maintenance strategies
- Flexible, customizable, and scalable functionality



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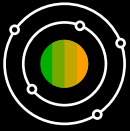


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An Introduction to SAP Asset Strategy and Performance Management

SAP Asset Strategy and Performance Management helps asset-intensive organizations find optimal maintenance strategies using a variety of assessments and methodologies – such as risk and criticality assessments, checklists, failure mode and effects analysis, and reliability-centered maintenance – that adhere to industry standard processes.





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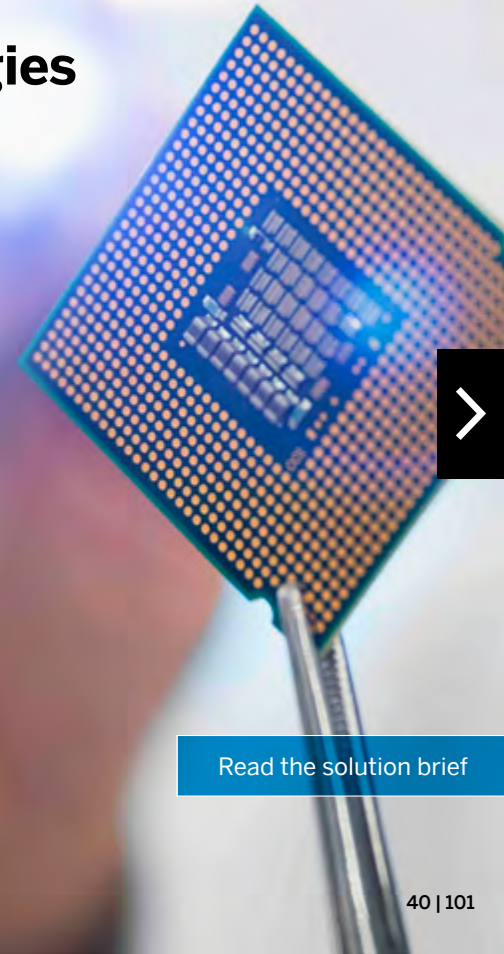
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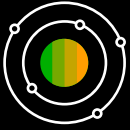
Identify Critical Assets and Optimize Maintenance Strategies to **Improve Reliability**

SAP Solution Brief

CEOs worldwide strive to grow revenues while balancing risk and customer satisfaction. They can choose to compete in a core or niche market; on price, quality, or uniqueness of product; or by innovating new products and services to attract and keep customers. At the same time, they invest heavily in designing, buying, operating, and managing equipment and other assets.



[Read the solution brief](#)



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Balance risk, cost, and performance

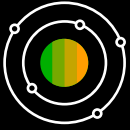
Achieve value by finding a balance between the performance of each asset, the cost of that performance, and the exposure to risk it brings.

Lower risk

Avoid unplanned downtime and deliver the right levels of spend and effort to keep everything working without overmaintaining.

Reduce maintenance spend

Cut maintenance costs while lowering risk and raising output. You can also optimize performance against a fixed budget and risk level.



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Key Capabilities

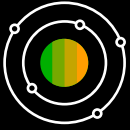
Asset information management

- Upload information from your ERP system, using templates based on ISO standards.
- Create entries for models, equipment, functional locations, and spare parts.
- Manage failure mode analysis and evaluate reliability, availability, and maintainability.

Risk and criticality assessment

- Calculate the risk score based on different dimensions and impact categories.
- Assess asset criticality based on the risk score.
- Support the selection of the most appropriate risk analysis methodology based on the result of the criticality assessment.

Continued



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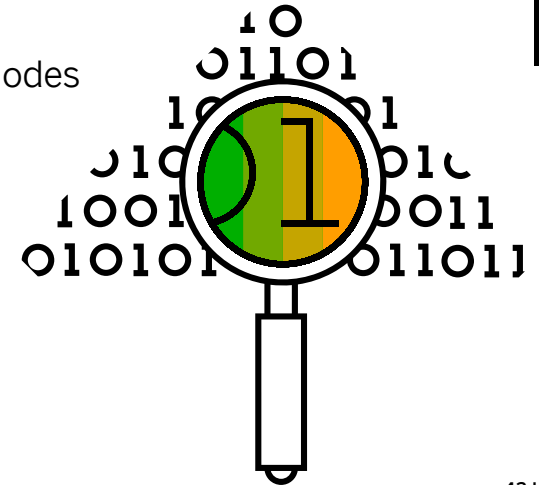
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Key Capabilities

Failure modes and effects analysis

- Identify and recognize potential failures, including causes and effects.
- Evaluate and prioritize identified failure modes and develop a risk priority number.
- Identify and suggest actions to either eliminate or reduce potential failures from occurring.





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Detect, predict, and prevent
equipment failures with our
proactive maintenance tools.



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SAP Predictive Maintenance and Service

360-degree view of assets

Gain a full view across your asset model as well as master, transactional, and performance data – all in a single solution.

Advanced predictive analytics

Model real-time analytics to understand the performance, opportunities, and risks of your predictive maintenance and service.

Intuitive and scalable intelligence

Gain actionable maintenance insight by processing massive volumes of data with sophisticated machine learning algorithms.

[Learn more](#)





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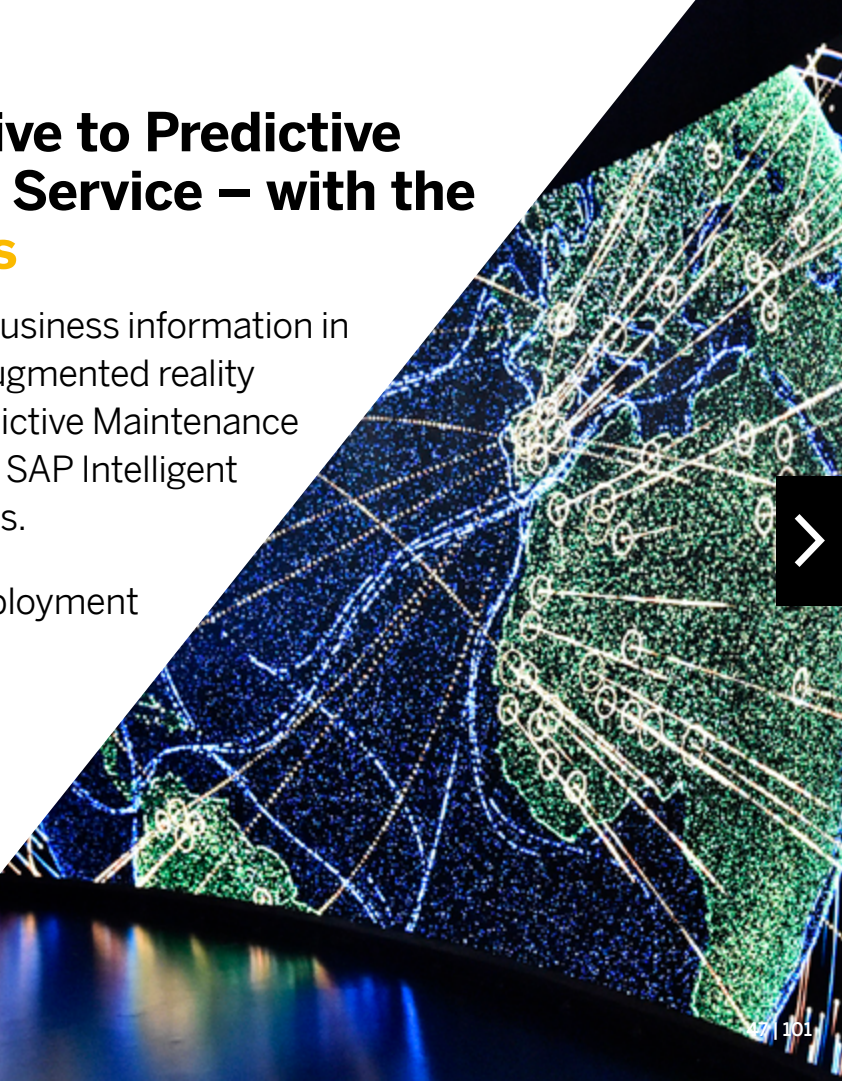
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Move from Reactive to Predictive Maintenance and Service – with the **Internet of Things**

Combine sensor data with business information in your ERP, CRM, EAM, and augmented reality systems using the SAP Predictive Maintenance and Service solution, part of SAP Intelligent Asset Management solutions.

- Cloud and on-premise deployment
- Insight from sensor data
- Prediction of equipment malfunctions
- Optimized resource management





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Failure Mode Analytics with SAP Predictive Maintenance and Service

Learn more about how failure mode analytics helps EAM customers – even those who have not yet started their digital journey – to use their past maintenance history to drive proactive maintenance in the present.





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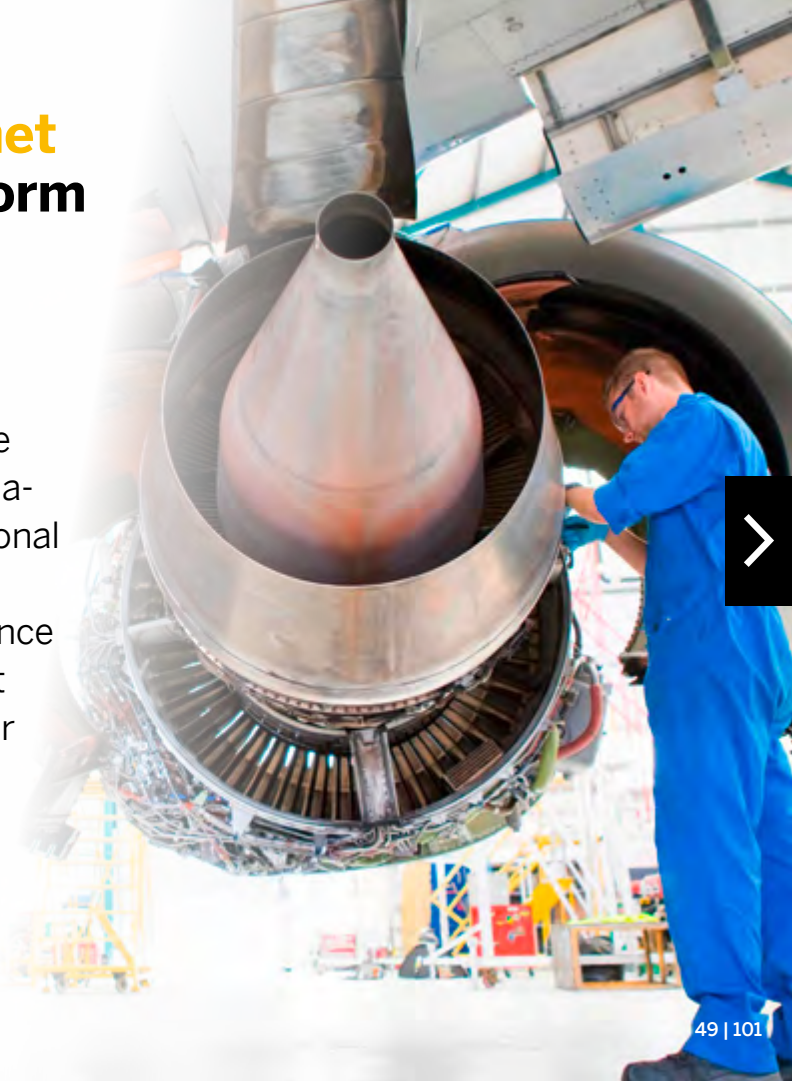


Leverage the **Internet of Things** to Transform Maintenance and Service Operations

SAP Solution Brief

Move from reactive to proactive maintenance and service by analyzing large volumes of operational data along with business data using SAP Predictive Maintenance and Service. Apply deep insight into asset history and trends for predicting maintenance and service needs.

[Read the solution brief](#)





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Key Benefits



Improve service profitability

Enable OEM and third-party service providers to offer high-margin services with lower risk by increasing your visibility into field assets.

Reduce maintenance costs

Plan and package your maintenance schedules dynamically to improve resource use and reduce asset downtime.

Increase asset availability

Empower asset operators and service providers with data science, helping them predict failures early and implement corrective actions.





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Key Capabilities

Management and decision support

Enable a closed-loop maintenance and service process by optimizing asset maintenance with anomaly detection, spectral analysis, and machine learning algorithms.

Enablement of IoT and industrial IoT connectivity

Monitor connected devices and support IoT data transfer services to optimize data management with scalable and cost-effective storage for time-series data.

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Key Capabilities

Visualization of predictive analytics

Expose valuable insights through real-time data analytics – according to business needs – with a unified and intuitive user experience.

Integration with a range of SAP solutions

Integrate your predictive maintenance and services capabilities with SAP enterprise solutions – such as SAP S/4HANA – and third-party maintenance execution systems.

[View all capabilities](#)





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PeroxyChem

SAP Customer Video

Learn how PeroxyChem has leveraged SAP Enterprise Support services to jump-start its IoT project focused on SAP Predictive Maintenance and Service, cloud edition.





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Trenitalia

SAP Business Transformation Study

Using the SAP Predictive Maintenance and Service solution, Trenitalia can extract large amounts of data daily through on-board sensors connected to processing systems that run on the SAP HANA® platform. This enables Trenitalia to meet both customer needs and the highest technology standards.

[Read the BTS](#)



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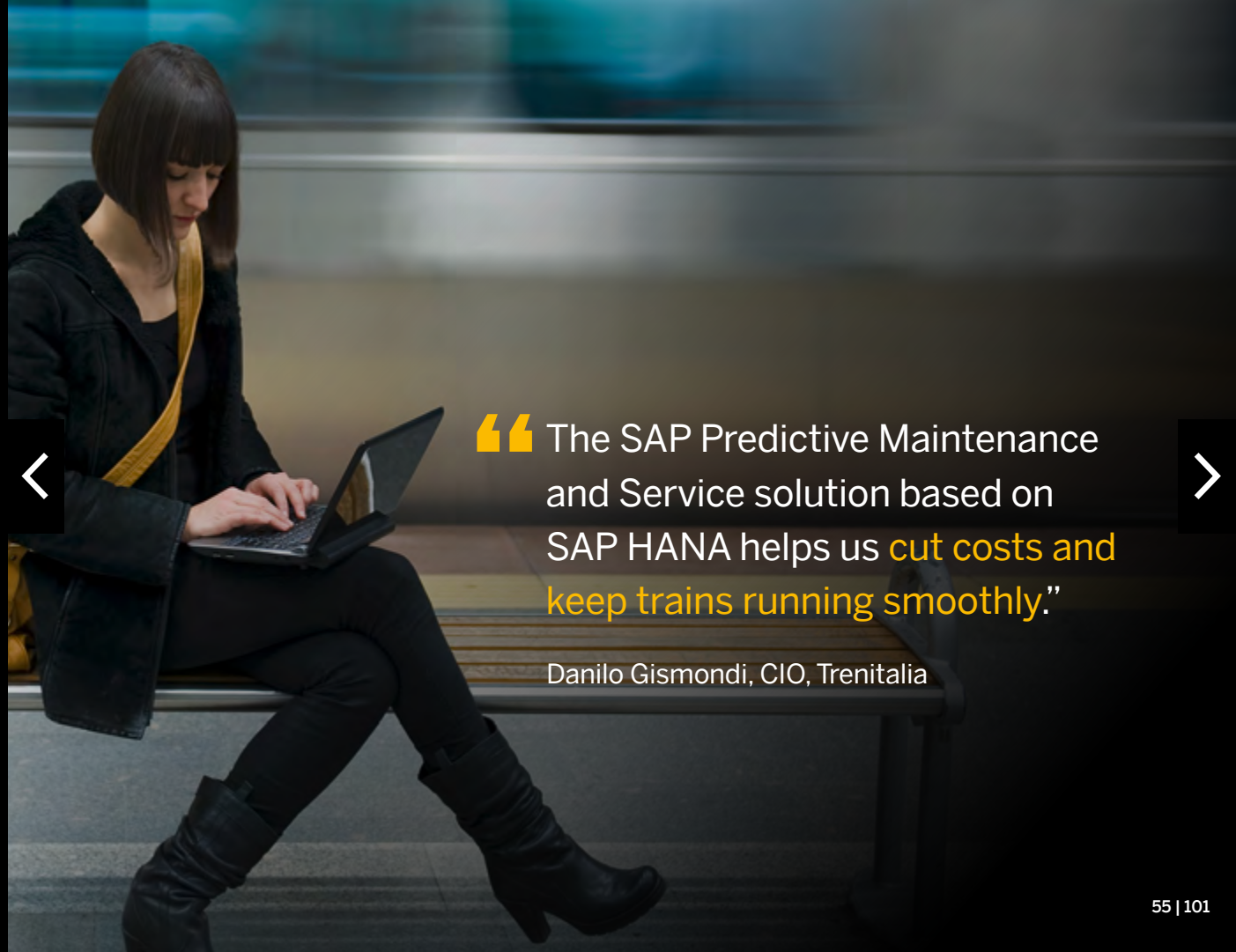
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“ The SAP Predictive Maintenance
and Service solution based on
SAP HANA helps us **cut costs and
keep trains running smoothly.**”

Danilo Gismondi, CIO, Trenitalia



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SAP Predictive Engineering Insights Enabled by ANSYS





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Support effective asset management with
real-time, predictive engineering analytics.





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SAP Predictive Engineering Insights **Enabled by ANSYS**

Asset health prediction

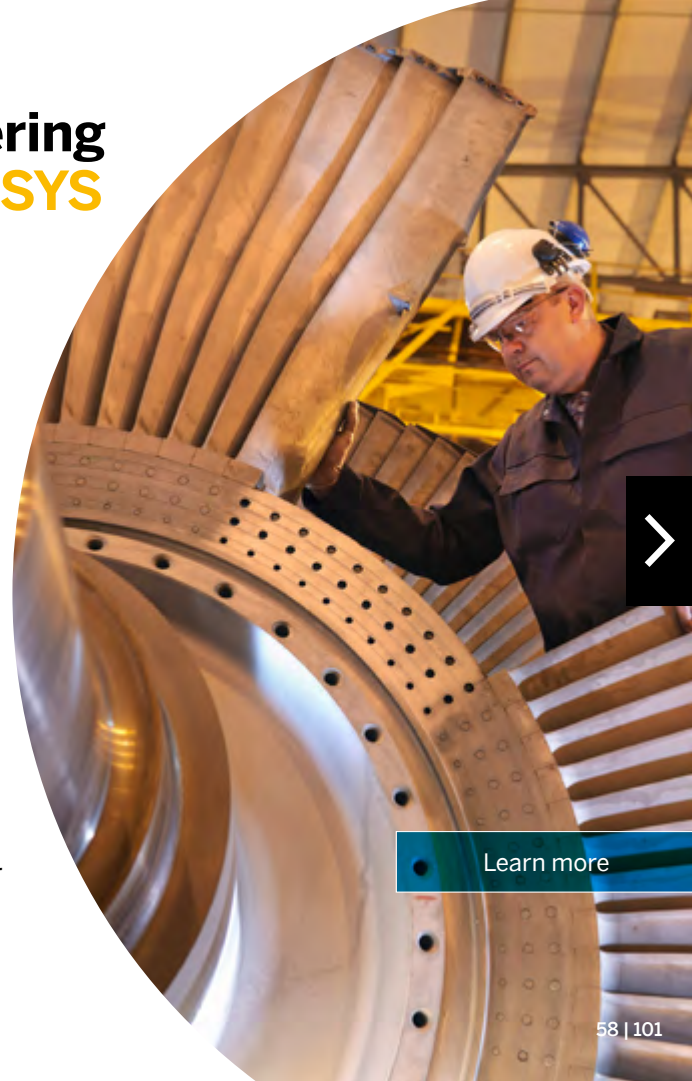
Create a digital twin of a product to help assess its current state and identify signs of degradation.

Digital twins with virtual sensors

Enable continuous monitoring of asset status using a network of virtual sensors that are positioned in digital twins.

Dynamic 3D visualizations

Use simulations to inspect asset behavior, visualize root causes of anomalies, and determine timings for replacing parts.



[Learn more](#)



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Optimize Asset Operations with **Real-Time** Engineering Analysis

Support asset management with real-time, predictive engineering analytics from the SAP Predictive Engineering Insights solution enabled by ANSYS. Reduce equipment downtime, increase reliability, improve performance, and lower operations and maintenance costs with simulation-based digital twins and pervasive simulation capabilities.

- Cloud deployment
- Reduced downtime and lower maintenance costs
- Insight into why assets underperform
- Faster time to market for new products



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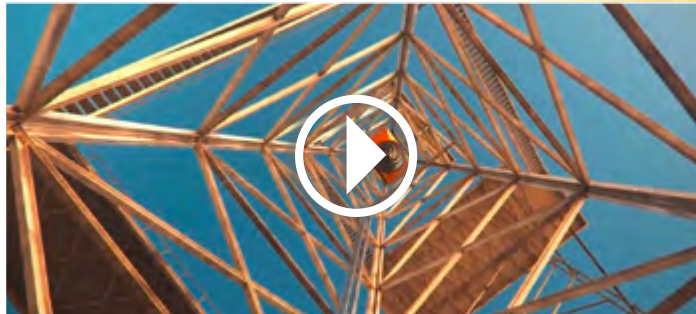
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SAP and ANSYS: Predictive Insights

SAP Overview Video

ANSYS and SAP teamed up to create a vision for the Intelligent Enterprise to drive value creation by providing a seamless digital thread between engineering and industrial asset management.





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Gain New Insights and Optimize Your Assets with Real-Time Engineering Analysis

SAP Solution Brief and Video

Create physics-based digital twins of industrial assets based on real-time and predictive engineering analysis. SAP Predictive Engineering Insights uses the engineering analysis framework Finite Element Dynamics in Elastic Mechanisms, and the solution helps to maximize the overall equipment effectiveness of industrial assets by increasing availability and performance.



[Read the solution brief](#)



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Key Benefits

Increase equipment insights

Eliminate unexpected
downtime by
automatically
detecting equipment
anomalies with
physical and virtual
sensors.

Optimize health predictions

Make proactive
maintenance decisions
based on failure
predictions enabled
by simulation-based
digital twins.

Enhance product design

Collaborate with
R&D through closed-
loop engineering
scenarios to advance
product designs and
reduce testing.



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Key Capabilities

Asset health predictions with engineering analytics

- Create a digital twin of a product by connecting smart sensors mounted on machines.
- Assess the current state of a product and signs of degrading performance and shifting conditions.
- Use simulation to reveal issues that might otherwise be undetectable.

Virtual sensors embedded in digital twins

- Position virtual sensors on any component in the digital twin without significant cost or effort.
- Get a continuous reading of the physical state of the asset
- Go beyond using physical sensors in isolation to leverage a network of virtual sensors.

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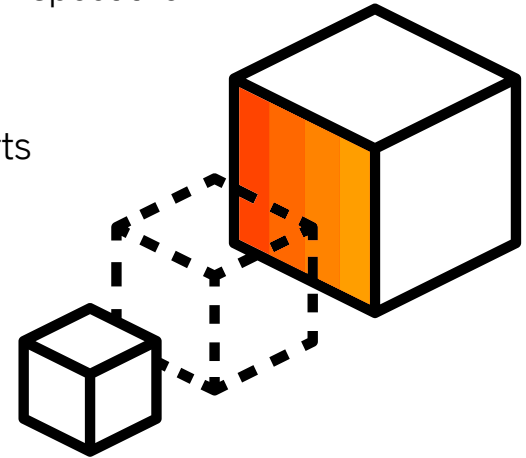
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Key Capabilities

Dynamic 3D visualizations and simulation models

- Use 3D simulation models to digitally inspect the actual behavior of an asset.
- Visualize the root cause of anomalies.
- Gain insights into when to replace parts by simulating the effect of different operations strategies.





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Connect Digitally to Perfect Reality Using Simulation- Based **Digital Twins**

SAP Thought Leadership Paper

Get up to date on how your business can take advantage of the convergence of simulation and IoT technologies with SAP Predictive Engineering Insights enabled by ANSYS. Read how digital twins are turning simulation and predictive engineering into a reality for industries worldwide.

[Read the paper](#)





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Gain access to **context-rich visualizations and actionable insights** to enable simple and timely execution of EAM processes.





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SAP Asset Manager

Work order management

Manage work orders, integrate with geographic information systems (GISs), and get status updates about asset performance.

Compatibility with multiple devices

Get an intuitive user experience on iOS and Android devices with native features such as Touch ID and location services.

Mobile asset management

Review and operate asset management processes online, offline, or with an intermittent connection.

[Learn more](#)





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Transform Asset Management with **Our Mobile App for iOS and Android**

Designed for SAP Cloud Platform,
the SAP Asset Manager mobile app
provides online and offline access to
context-rich visualizations and actionable
insights to enable simple and timely
execution of end-to-end EAM processes.

- Cloud deployment
- Ability to work online and offline
- Support for iOS and Android smartphones and tablets
- Available for SAP Enterprise Asset Management and the SAP S/4HANA Asset Management solution



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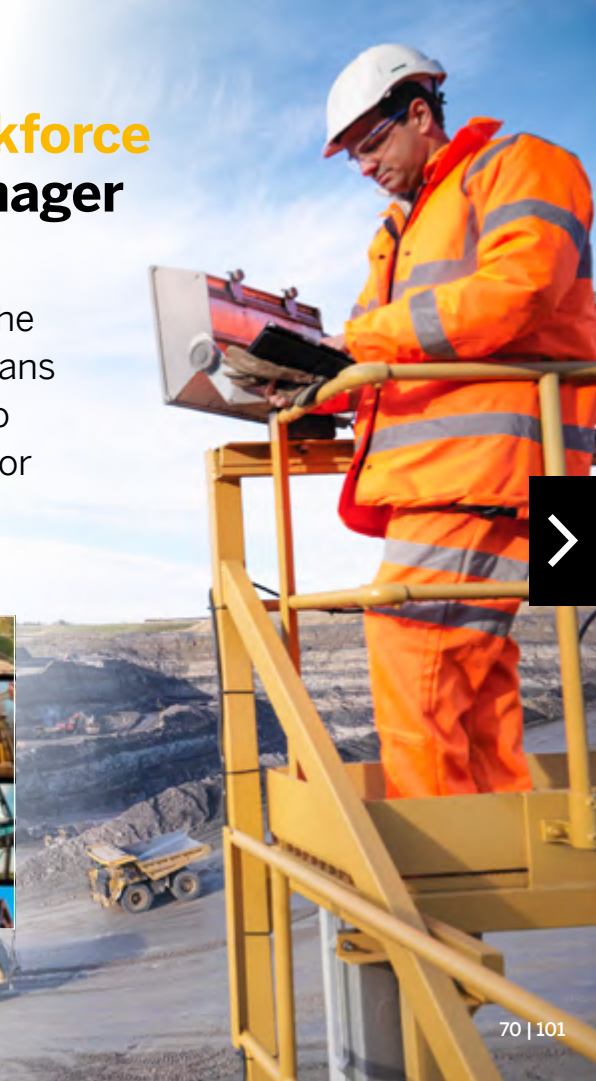


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Get Your **Maintenance Workforce Mobile** with **SAP Asset Manager**

SAP Overview Video

SAP Asset Manager provides access to all the services and information your field technicians need to efficiently and safely do their job, no matter where they are, using smartphones or tablets – even when they're offline.





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Get Your Maintenance Workforce Mobile and Drive **Intelligent Asset Management** SAP Solution in Detail

Find out how SAP Asset Manager can help you prolong the life of your assets and improve their reliability and performance. Discover how you can achieve higher levels of workforce safety and productivity to view asset health and maintain, inspect, and repair your mission-critical assets.

[Read the solution in detail](#)





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Key Benefits



Reduce downtime and maintenance backlog

Eliminate overhead costs and process delays to improve first-time resolution rates while achieving higher levels of workforce safety and business productivity.

Extend and improve asset life and reliability

Prolong the life of your assets with guided workflows and timely processing of work orders, notifications, and asset master data – online and offline.

Turn capital spending into operational investments

Take advantage of the cloud to give your organization the flexibility to leverage your IT investments within the framework of an operational budget.





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Key Capabilities

Work order management

- Management of work orders and notifications, time, parts, measurement readings, and attachments
- Integration with geographic information systems
- Context-rich visualization and actionable insights

Cloud-based deployment

- Fast and cost-effective deployment
- Minimal IT costs and maintenance
- Use of SAP Cloud Platform

Continued



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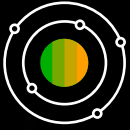
Key Capabilities

Mobile device and back-end flexibility

- Availability for Apple iPads and iPhones and Android devices, with mobile native features such as Touch ID and location services
- Simplified and engaging user experience leveraging the design languages SAP Fiori for iOS and SAP Fiori for Android
- Support for SAP ERP and SAP S/4HANA as asset management back-end solutions

Online and offline mobile asset management

- Specific design and development for offline use cases
- Ability to manage existing work and asset data online, offline, or with an intermittent connection
- Back-end synchronization at user-defined intervals



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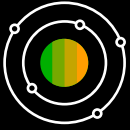
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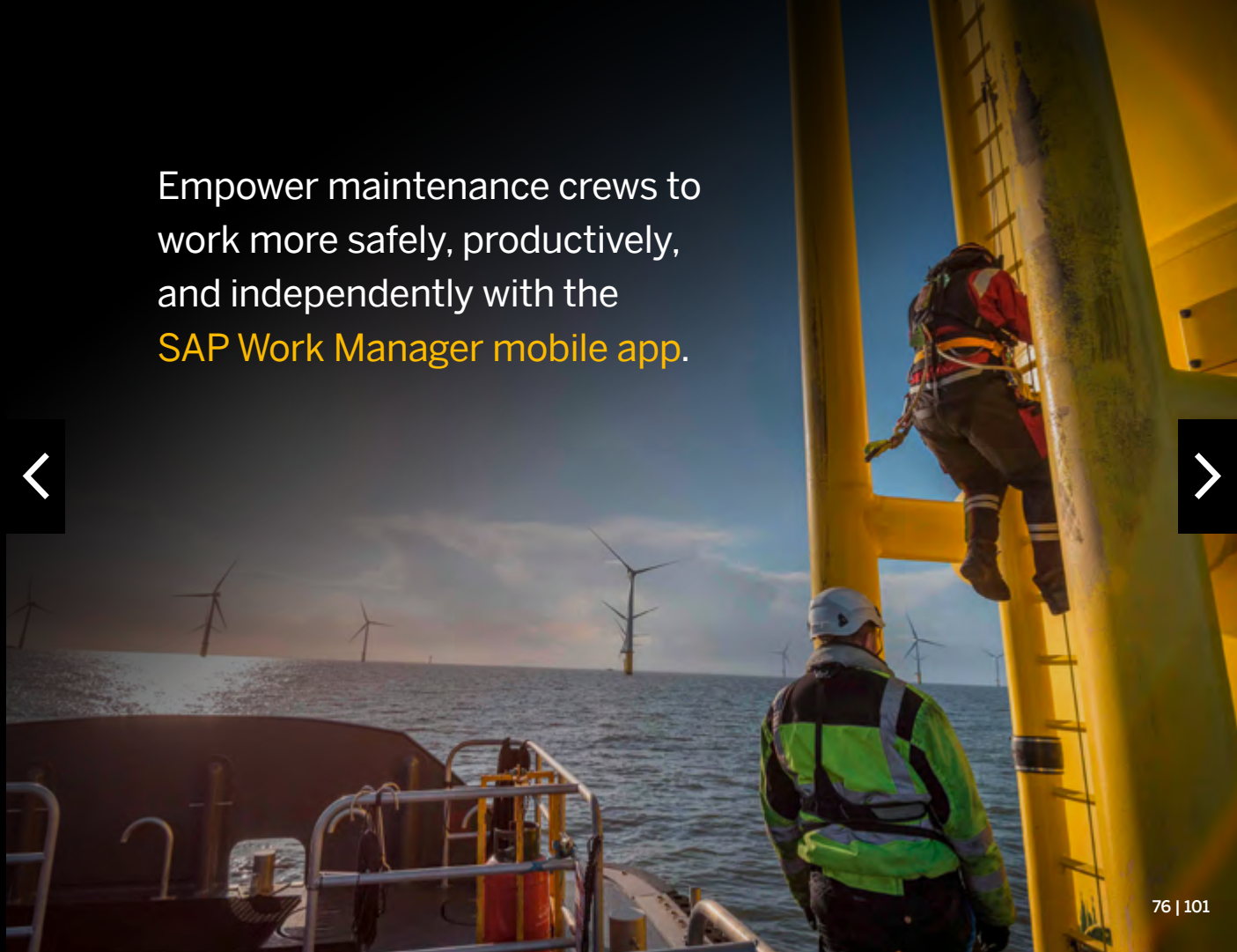
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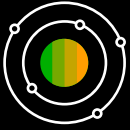
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Empower maintenance crews to
work more safely, productively,
and independently with the
SAP Work Manager mobile app.





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SAP Work Manager

Work order management

Oversee work orders and notifications, track actions and measurement readings, and enable GIS integration.

[Learn more](#)

Maintenance management

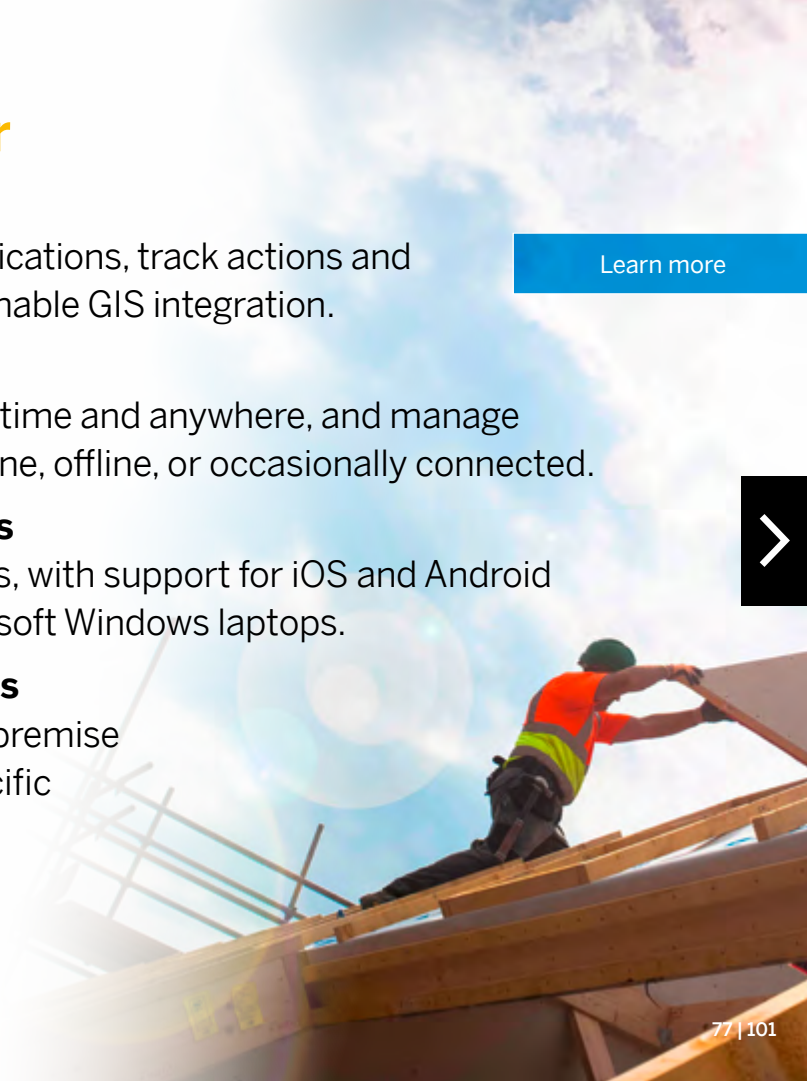
Access maintenance data anytime and anywhere, and manage processes whether you're online, offline, or occasionally connected.

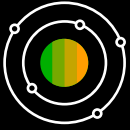
Support for multiple devices

Use devices that fit your needs, with support for iOS and Android phones and tablets and Microsoft Windows laptops.

Multiple deployment options

Choose between cloud or on-premise deployment to fulfill your specific business requirements.





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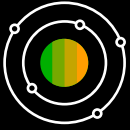
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Go Mobile with Your Maintenance Workforce

Empower maintenance crews to work more safely, productively, and independently with the SAP Work Manager mobile app. By tapping into SAP Mobile Platform to deploy on premise or SAP Cloud Platform to deploy in the cloud, your organization can support mobile devices through proven, scalable platforms with built-in support for enterprise-class security.

- On-premise or cloud deployment
- Mobile access to SAP Enterprise Asset Management and SAP S/4HANA Asset Management
- Support for iOS, Android, and Windows devices
- Ability to work online and offline



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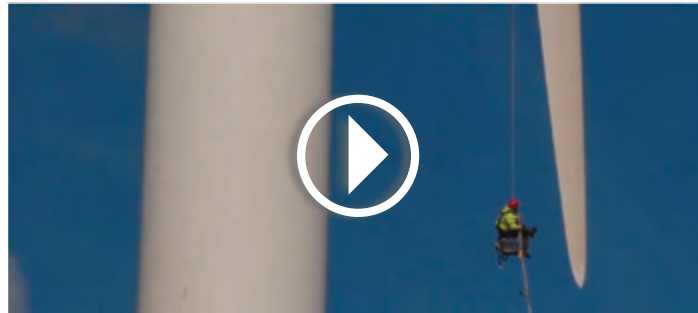
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Mobilize Asset Management with SAP Work Manager and SAP Work Manager, Cloud Edition

The SAP Work Manager mobile app empowers maintenance technicians to work more safely, productively, and independently, whether installing new equipment or maintaining, inspecting, or repairing existing assets. With SAP Work Manager, maintenance workers are empowered with intelligence to identify and prevent failures and outages before they occur.





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Go Mobile with Your Maintenance Workforce and Ensure Asset Performance

SAP Solution in Detail

Help your maintenance technicians work more safely, productively, and independently — whether they are installing new equipment or maintaining, inspecting, or repairing existing assets — with the SAP Work Manager mobile app.

[Read the solution in detail](#)





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Key Benefits

Reduce downtime and maintenance backlog

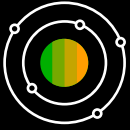
Increase first-time resolution rates and improve workforce safety and productivity to effectively install, maintain, inspect, and repair mission-critical assets.

Extend and improve asset life and reliability

Prolong the life of your assets with guided workflows and timely processing of work orders, notifications, and asset master data – whether online or offline.

Shift capital expendi- tures to operational expenditures

Choose from cloud or on-premise deployment options to give your organization the flexibility to stay within the framework of your capital and operational budget.



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Key Capabilities



Work order management

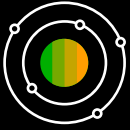
- Manage work orders and notifications, recording of problems, actions, time, parts, measurement readings, and attachments.
- Enable GIS integration.
- Simplify integration with the SAP Multiresource Scheduling application.

Flexible mobile device and back-end support

- Run natively on mobile devices that fit your needs and budget.
- Get support for iOS and Android phones and tablets and Windows laptops.
- Ensure support for SAP ERP and SAP S/4HANA as an asset management back-end solution.



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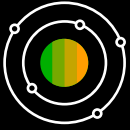


Online and offline access to maintenance management

- Access maintenance data and processes anytime, anywhere.
- Manage existing work and asset data whether you're online, offline, or occasionally connected.
- Automate synchronization with the SAP back end at user-defined intervals.

Multiple deployment options

- Choose between cloud or on-premise deployment.
- Use SAP Cloud Platform Mobile Services or SAP HANA Enterprise Cloud for cloud deployment.
- Leverage SAP Mobile Platform for on-premise deployment.



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AstraZeneca

SAP Customer Testimonial Video

AstraZeneca is a global pharmaceutical company delivering innovative medicines to patients worldwide. To help ensure a robust and reliable supply chain, AstraZeneca used SAP Enterprise Asset Management and SAP Work Manager, cloud edition, to gain real-time visibility of maintenance activities on the production floor.





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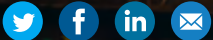
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Transform asset management to attain operational excellence.





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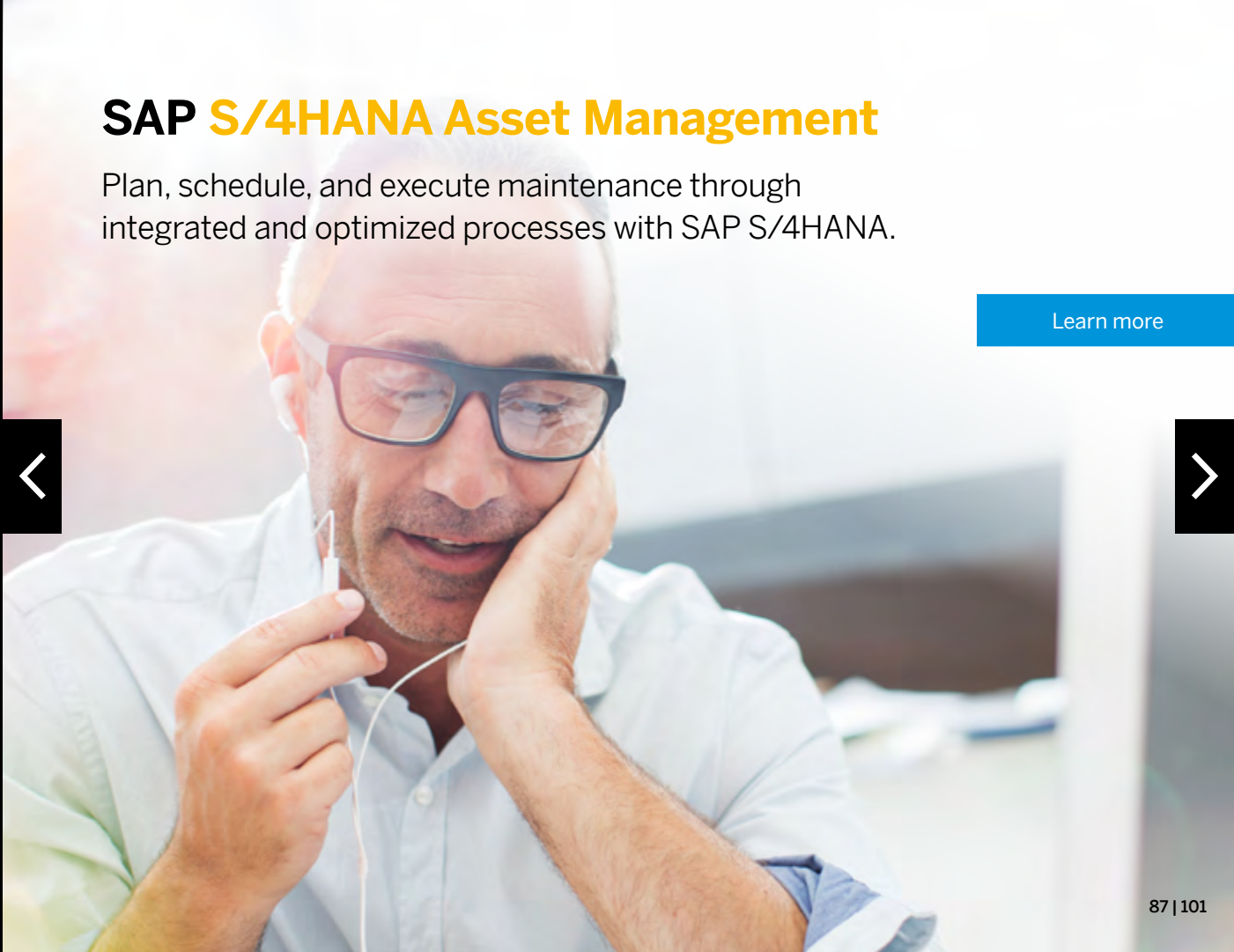
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SAP S/4HANA Asset Management

Plan, schedule, and execute maintenance through
integrated and optimized processes with SAP S/4HANA.

[Learn more](#)





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Key Benefits

Simplify maintenance execution

Execute planned and unplanned maintenance tasks in an efficient manner for optimal operations, and provide technicians with the ability to easily raise malfunction reports and plan, document, and confirm repair work so they can manage malfunctions and emergencies effectively.

Improve visibility across asset operations and planning

Enable maintenance planners to proactively monitor important and time-sensitive work across maintenance activities and spare parts inventory. Monitor maintenance efficiency with easy access to cost, breakdown, and damage analytics.



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Key Capabilities

Drive safe operations and compliance

Ensure safe working conditions for the employees in your maintenance department, adhere to environmental protection regulations, and ensure the reliability of your technical systems.

Capture and mitigate incidents

Manage investigations and follow-up activities to improve injury, illness, and incident rates. Reduce potential costs associated with environment, health, and safety penalties; fines; and unplanned downtime.



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Alacer Gold Corporation

SAP Business Transformation Study

Discover how Alacer Gold Corporation runs its business with the right processes and technology tools to generate shareholder value. Learn how it enables and empowers its workforce with real-time data, mobility, and scalable technology to drive efficiency and future growth – thanks to SAP S/4HANA.

[Read the BTS](#)



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“With SAP S/4HANA, we can realize the benefit of **real-time access to real-time data** to make real-time decisions. We can be more innovative and efficient as we transform our business and prepare for the future.”

Kim Perry, Vice President of Finance and
Information Technology, Alacer Gold
Corporation



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TasNetworks

SAP Customer Video

Check out how TasNetworks is transforming its business to run smarter and keep prices down with SAP Enterprise Asset Management on SAP S/4HANA.





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Optimize maintenance resources, reduce
downtime, and increase productivity by
transforming planning and scheduling.



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SAP S/4HANA Asset Management for **Resource Scheduling**

KPI dashboard for maintenance planners

Get an overview of due maintenance orders, gain insights into work center usage, and keep track of your maintenance backlog.

Maintenance schedule simulation

Build schedules by simulating scope and workload, optimize use of work centers, and dispatch scheduled activities.

Graphical overview of maintenance activities

View your maintenance schedule, track work status, and change maintenance activities to level work center utilization.

[Learn more](#)



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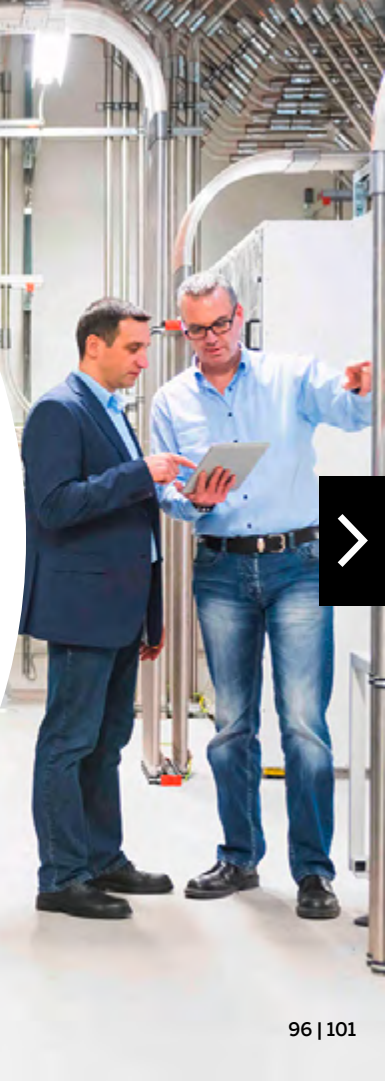
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Transform Maintenance Planning and Scheduling Processes with SAP S/4HANA

Gain actionable insight into your maintenance workload and available capacities for current and upcoming maintenance activities. With this priced capability for SAP S/4HANA Asset Management that enables resource scheduling, you can check forecast work center utilization, build a schedule, and determine required capacities before executing scheduled activities.

- On-premise deployment
- Analysis of current workload
- Creation of a graphical maintenance schedule
- Simulation of workload and work center use





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Improving Resource Management and Maintenance Scheduling Using **SAP Software**

SAP Video

Learn how you can plan, schedule, and execute maintenance activities more effectively with the SAP S/4HANA Asset Management solution for resource scheduling. Gain real-time visibility into maintenance workload, perform simulations, and more.





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Gain insights into current and forecast workloads

Locate open work orders quickly and build an optimal schedule through simulation analysis before releasing assignments for execution.

Optimize the use of maintenance resources

Control weekly maintenance workloads by adjusting activities in your schedule and distributing work evenly across available capacities.

Reduce asset downtime and increase productivity

Group and schedule maintenance orders by asset while considering tasks that require planned downtime and identifying intermediary dependencies.



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Key Capabilities



KPI dashboard for maintenance planners

- Get an overview of due maintenance orders.
- Gain insights into the use of your work centers.
- Keep track of your maintenance backlog.

Maintenance schedule simulation

- Build a schedule for the target week or day by simulating scope and workload.
- Schedule maintenance activities to optimize the use of your work centers.
- Dispatch all scheduled activities at once, and release them for execution.



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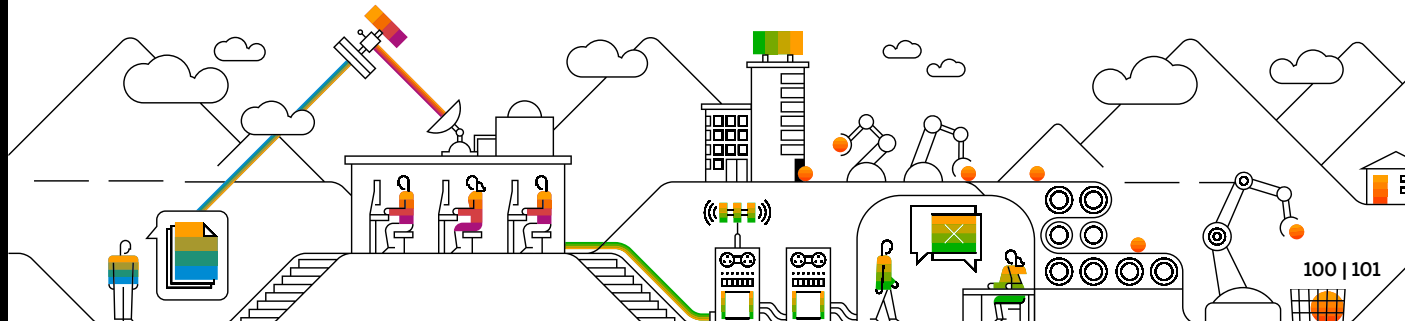


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Key Capabilities

Graphical overview of maintenance activities

- Get an easy-to-understand overview of your maintenance schedule.
- Track work status and execution progress.
- Change maintenance activities to level work center utilization.





About SAP

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As a market leader in enterprise application software, SAP helps companies of all sizes and in all industries run better. Founded in 1972, SAP (which stands for “Systems, Applications, and Products in Data Processing”) has a rich history of innovation and growth as a true industry leader. SAP applications and services enable more than 437,000 customers worldwide to operate profitably, adapt continuously, and grow sustainably.

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