SAP Leonardo

The digital innovation system for rapid, scalable transformation

The time
is now.

Never before have there been so many promising breakthrough technologies available — and so many businesses ready to capitalize on them. From Machine Learning to Blockchain, from Cloud to the Internet of Things (IoT), smart devices, Analytics, and more, companies are eager to run smarter and take advantage of the new business possibilities they offer.

Where should you start? How will you realize the promise of these technologies without interrupting your business today?

SAP can help.

SAP's core business is to leverage technology to solve problems across all industries and lines of business worldwide. We work with more than 350,000 customers whose SAP systems touch 70% of the world's transactional data. Already a leader in enterprise applications, we have now developed the world's only digital innovation system that integrates today's transformational technologies — so you can innovate at scale to confidently redefine your business.

Meet SAP Leonardo.

What is SAP Leonardo?

SAP Leonardo is a holistic digital innovation system that seamlessly integrates future-facing technologies and capabilities into the SAP Cloud Platform, using our Design Thinking Services. This powerful portfolio enables you to rapidly innovate, scale new models, and continually redefine your business.

Design Thinking Services

SAP Leonardo Technologies

Data Intelligence

Analytics

Blockchain

Internet of Things

Machine Learning

Big Data

SAP Cloud Platform: Microservices | Open APIs | Flexible Runtimes | Integration

Innovate: SAP Leonardo delivers new capabilities in Machine Learning, IoT, Big Data, and Analytics. Reimagine and redefine your processes to become a truly digital business.

Integrate: SAP Leonardo enables innovation and learning even greater than the sum of its parts. From the cloud platform to the applications themselves, SAP Leonardo is open, extendable, and ready to be woven into every facet of your business.

Scale: SAP Leonardo allows for rapid implementation and seamless scaling through the existing SAP platform and application portfolio. Automate and augment existing processes, develop new applications, make existing SAP and third-party applications more intelligent, and power new business models.

Built for all industries, tailored to yours.

SAP Leonardo was designed to be adaptable and open to bring innovation at scale to every industry. Our flexible approach lets you build a solution specific to your industry or business need. Plus, to facilitate more rapid implementation, an initial set of pre-built accelerators are available today in retail, consumer products, manufacturing, and sports and entertainment — with more accelerators coming.

- Accelerators are fixed price and scale to support implementations of any size
- Each includes software and services to solve industry-specific business problems
- Cloud software subscription and project initiation services are also included
- Start small and combine accelerators to accommodate larger projects

How can an accelerator help a specific industry? Here is an example in the retail industry.

Business challenge	An accelerator can be used to:
Retailers selling refrigerated and frozen goods need to manage freezers, refrigeration, and cooling units, which is a large investment. Not only do they need to be maintained, the retailer must also manage inventory in order to minimize spoilage and product expiration.	- Predict maintenance needs before the freezer/refrigeration unit fails - Optimize inventory levels, reducing lost revenue due to spoilage - Ensure consistent temperatures with pre-set tolerances

We'll help you get the most of your accelerator(s) every step of the way:

1　**2**　**3**　**4**

Solution Ideation & Vision

Global SAP Leonardo centers for design thinking and innovation

Rapid Prototyping

Bring innovative ideas to life and build on them

Business Case Development

Create, test, and refine business cases for ROI and strategic value

Technology Blueprint

Create a technology road map, identify dependencies, minimize risk

SAP Leonardo:
Intelligently connecting people, things, and businesses.

SAP Leonardo delivers new capabilities in future-forward technologies, which add tremendous value along your company's digital journey. But it's made even more valuable because it's built on SAP HANA, our in-memory database to support real-time business. Plus, SAP Leonardo works seamlessly with every SAP application from SAP Ariba to SAP S/4HANA, making them more powerful, intelligent, and capable.

Seamlessly integrated for powerful intelligence.

By infusing SAP Leonardo into the breadth of the SAP portfolio, we unlock and power a virtuous cycle of innovation.

System of Record

(business processes)

- SAP S/4HANA
- SAP Hybris
- SAP SuccessFactors
- Concur
- SAP Fieldglass
- SAP Ariba

SAP Leonardo makes SAP applications more intelligent and capable.

System of Intelligence

- Internet of Things (IoT)
- Machine Learning
- Analytics
- Big Data
- Blockchain
- Data Intelligence
- Design Thinking

SAP Leonardo

SAP Leonardo delivers capabilities to create and scale new intelligent applications.

SAP Leonardo includes:

Internet of Things (IoT)
Connect things with people and processes

- Connected products, assets, and fleets to drive Industrial IoT
- Connected infrastructures, markets, and people to enable the Internet of Everything

Machine Learning
Intelligence enabled by learnings from data

- Intelligence embedded into enterprise applications
- Integrated intelligence to solve common business challenges
- Train and deploy deep learning models

Analytics
Insight that enables transformative actions

- All analytics across your business
- Embedded machine learning
- New processes and applications based on insights

Big Data
Manage vast amounts of big data

- Distributed storage and computing
- Real-time insight discovery
- Insights embedded into business processes

Blockchain
Blockchain services embedded into business applications

- Increased trust in peer-to-peer transactions
- Full visibility of goods provenance and history of ownership
- Increased auditability and decreased fraud

SAP Cloud Platform
Foundation for SAP Leonardo

- Common foundation across applications and technology
- In-memory, real-time data management
- Integrates things, people, and processes

Data Intelligence
Put data into business context

- Trusted, real-time benchmarks
- Decision-making scenarios
- Data asset monetization

Design Thinking
Engaging methodology used to uncover opportunities for digital transformation

- Reimagine a shared vision of the future digital enterprise
- Use BUILD to ideate and create rapid, interactive prototypes
- Lay the foundation for a customized SAP Leonardo system

A system
unlike any other.

- User-centered design thinking

- Rapid and continuous innovation that scales

- Digitize an entire business – from the front office to the back office

- 40+ years of business processes experience

- Simplicity in licensing/pricing

- End-to-end solutions, no assembly required

"SAP Leonardo will unlock the full potential of the intelligent enterprise."

Bill McDermott

Bill McDermott, CEO

Join those already innovating with SAP.

City of Buenos Aires

SAP helps drive digital transformation for cleaner streets and drains, and greater safety and transparency.

—

" **SAP software contributes to more efficient management of the city, simplifies our operations, and greatly improves the quality of life for all.** "

—

Rodrigo Silvosa,
Deputy Minister of Public
Space Maintenance

Northern Gas Network

SAP technology helps create an insights-driven organization in a highly regulated industry.

—

" **Our work with SAP S/4HANA lays the groundwork for sensors, Internet of Things, and machine learning — all of the things that make sense for the enterprise.** "

—

Tom Pollock,
Head of Information
Management

Covenant Transportation Group

SAP helps reduce driver turnover and build a safer workforce.

—

" **With SAP predictive modeling and data visualization, we can better understand our workforce, identify turnover factors, and keep the right people.** "

—

Chris Orban,
VP Advanced Analytics

SAP **Run Simple**

Redefine your path forward today.
sap.com/leonardo