



SAP Leonardo Live

Not just another business conference

Harness the Power of Disruption with Blockchain

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PUBLIC

Blockchain can transform transactional networks

Blockchain is a new protocol for **distributed ledgers** in multiparty business processes

Trust between participants without central authority (secured by cryptography and consensus algorithm)

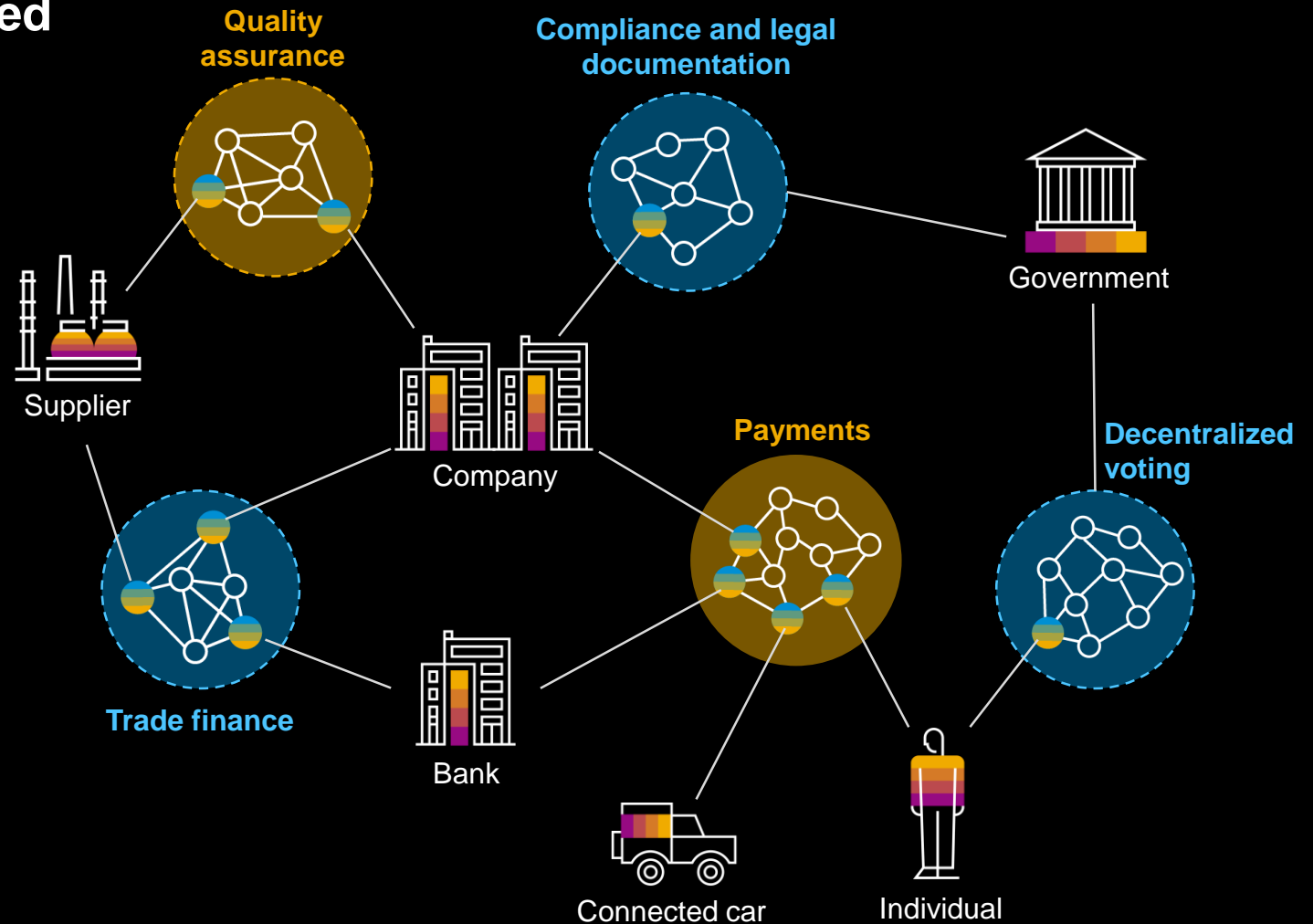
Operational **simplification** of collaborative scenarios (decentralized control, direct peer-to-peer interaction)

Increased **transparency**, auditability, and regulatory compliance (immutability of records)

Real-time **value transfers** (digital assets)

System-enforced intercompany **business rules** (smart contracts)

Risk reduction without intermediaries



SAP Leonardo: fully integrated with SAP applications

Run
SAP Cloud Applications

Supplier
Collaboration

Customer
Experience

Digital Core

Business
Transactions

Intelligent
Insights

Win
SAP Leonardo

Workforce
Engagement

Assets &
Supply Chain

SAP HANA

SAP Cloud Platform

Systems of Record

(business processes)

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



System of Intelligence

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

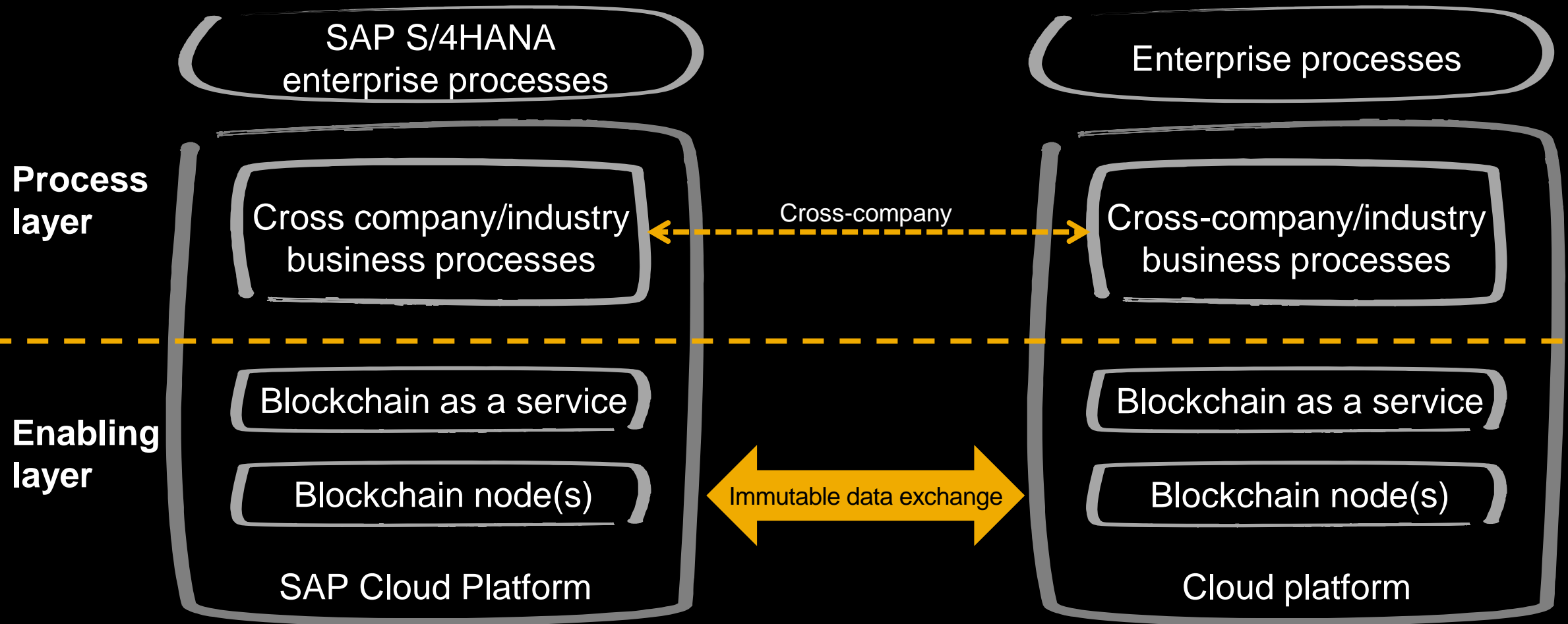
SAP Leonardo

SAP Leonardo makes SAP applications more intelligent and capable.

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

SAP Leonardo Blockchain is a foundation for building **transactional applications** that establish trust and transparency while streamlining business processes.

Blockchain in enterprise processes



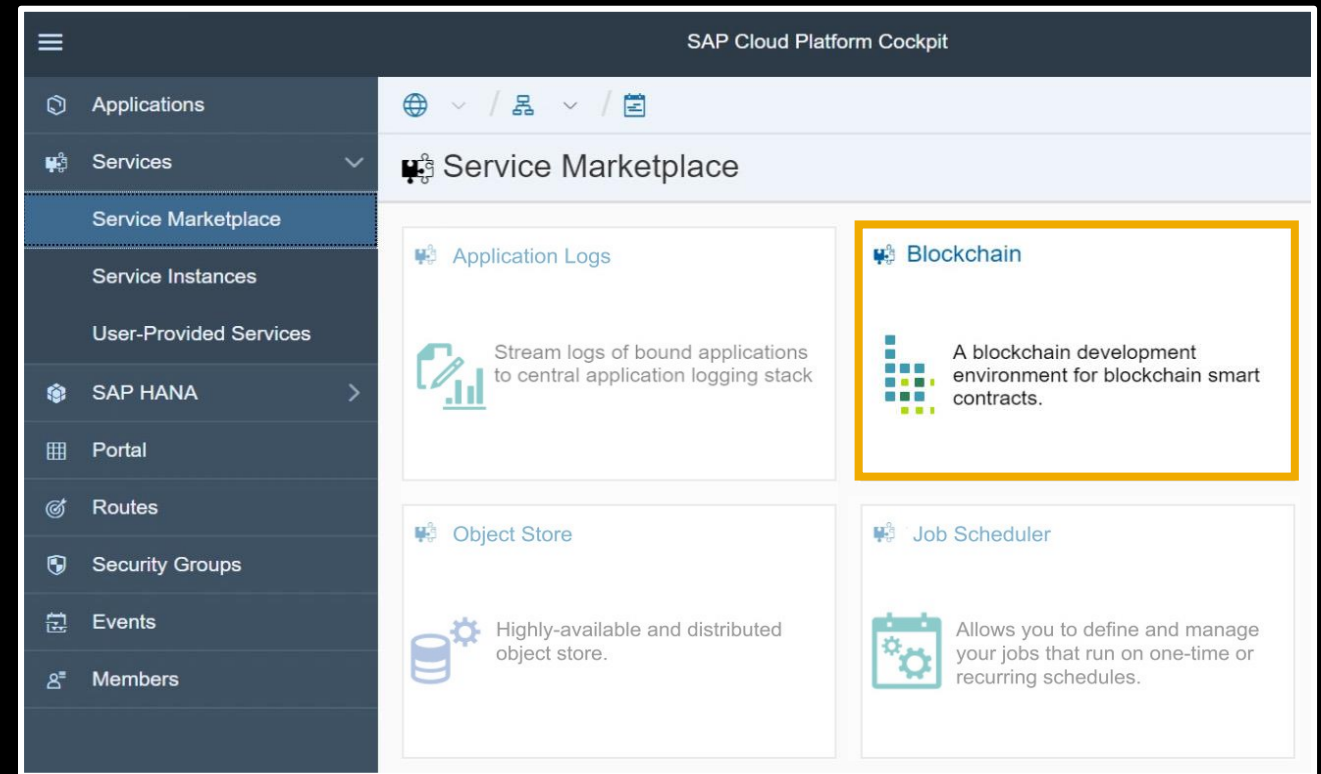
Develop with blockchain – SAP Cloud Platform Blockchain service

SAP Cloud Platform Blockchain service (pilot)

Build blockchain **industry** and **LoB process extensions** for SAP and non-SAP software.

Integrate into existing blockchain ecosystem.

Combine **distributed ledger** with the Internet of Things and machine learning capabilities on one platform.



Hyperledger – SAP a premier member

Hyperledger is an openly governed community hosted by The Linux Foundation.

The goal is to advance blockchain technology as an enterprise-class, cross-industry **open standard** for distributed ledgers that can **transform** the way **business transactions** are conducted globally.

Premier members



+ 107 general members
+ 15 associate members

Blockchain time horizons



Optimize

Enhance the core with emerging technology



Reimagine

Disrupt and create new business processes



Revolutionize

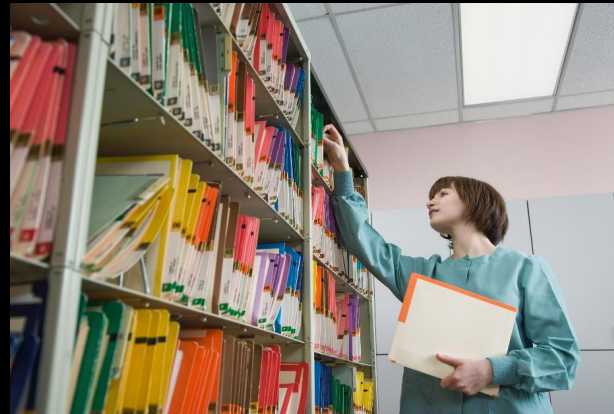
Disrupt and create entire businesses and markets

Blockchain uses case and demos

Blockchain in
asset management



Blockchain for
autonomous province of
South Tyrol



Blockchain in
disaster relief
management



Blockchain in asset management

Tracking of mandatory audits executed by third-party service providers

Challenge

- Assets in security-relevant implementations need to be visited, controlled, audited, and documented in regular time frames

Proof-of-concept objectives

- Show feasibility of using blockchain technology for asset- and service management-related scenarios around SAP Leonardo
- Demonstrate benefit of performing tracking of mandatory audit executed by third-party service providers, such as regular maintenance activities, and prove the obligations are fulfilled
- Build foundation for future extended usage of blockchain for any asset-related scenarios (such as pay per use)
- Leverage blockchain and build process extension to non-SAP applications based on SAP Cloud Platform

SAP Asset Intelligence Network



Blockchain for autonomous province of South Tyrol

Simplify governmental administration with blockchain process extensions

Challenge

- Government employees **spend too much time** on stating facts, confirming them, or sharing them

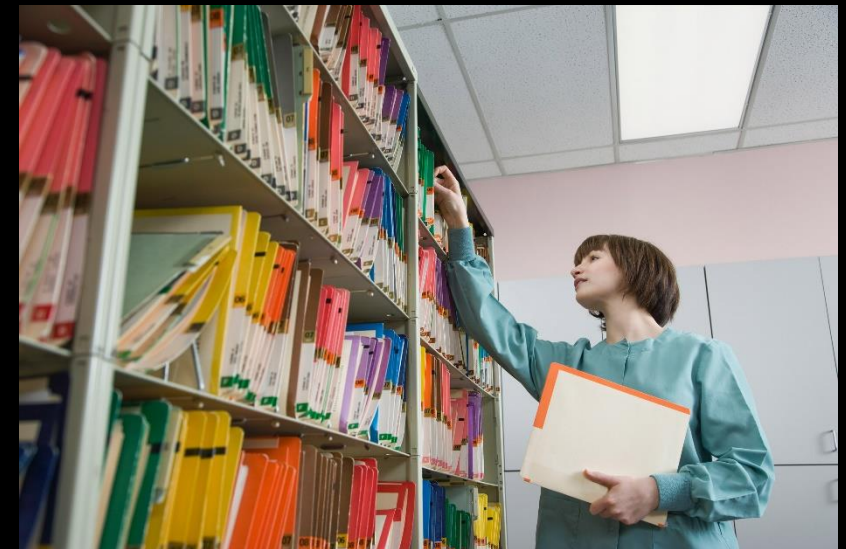
Proof-of-concept objectives

- Show feasibility of using blockchain technology for public administration
- Demonstrate benefit to reduce manual document authentication by office managers significantly (one-click)
- Build foundation for future extended use of blockchain for any governmental administrative processes in Italy
- Leverage blockchain and build process extension to non-SAP application based on SAP Cloud Platform

AUTONOME
PROVINZ
BOZEN
SÜDTIROL



PROVINCIA
AUTONOMA
DI BOLZANO
ALTO ADIGE



Blockchain in disaster relief management

Efficient pooling and sharing in disaster relief missions

Challenge

- Interoperability among relief parties and information exchange is not a given
- Setting up federated systems comes with security risks and technical complexity; nations generally do not agree on a common system of records

Proof-of-concept objectives

- Show feasibility of using blockchain technology for the defense sector
- Build process extension to SAP applications on SAP Cloud Platform
- Demonstrate benefit of sharing resources effectively while ensuring data sovereignty



Blockchain co-innovation program from SAP




SAP Blockchain Co-Innovation Program

Do you want to see how your company could benefit from Blockchain technology? We are seeking innovative companies to join our SAP Blockchain Co-Innovation program. The next phase starts in Q3 2017. Space is limited, register today.

Join the SAP Blockchain community and stay informed on the latest industrial blockchain developments.

- ✓ Discover the future of enterprise blockchain with the first blockchain enabled solutions
- ✓ Learn how the SAP Blockchain solutions enables your company and your business partners to access the same information without the need for central control and management.
- ✓ Stay informed, sign up for the newsletter

 Register today to join program

Register below

United States ▾

First name

Last name

E-mail address

Company

Phone

Relationship to SAP ▾

Which blockchain solutions are you interested in?

- Supply Chain
- Logistics / Track and Trace
- Arriba Network / Business Networks

 Contact Us

www.sap.com/blockchain

Thank you.

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