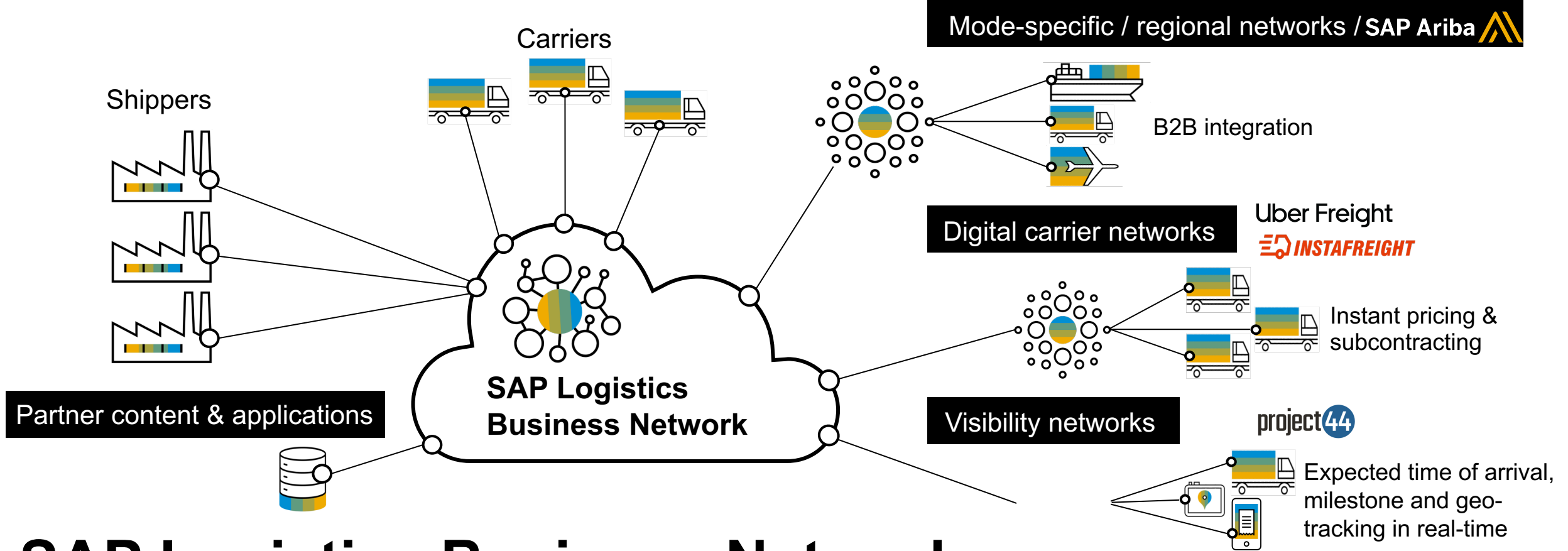




SAP Logistics Business Network

SBN 2020

Trond Rovang, SAP Solution Expert
28th October 2020

PUBLIC



THE BEST RUN **SAP**

Current challenges and trends in logistics

Today's challenges related to logistics



Low visibility
across ecosystem

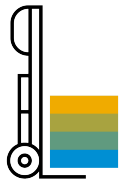


**Limited ability
to respond**
to supply chain
disruptions



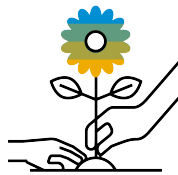
Siloed operations
with little
interoperability between
business processes

... Additionally, market trends further increase the pressure to transform logistics



Instant deliveries

Serve “instant demand” with real-time tracking



**Sustainability &
circular economy**

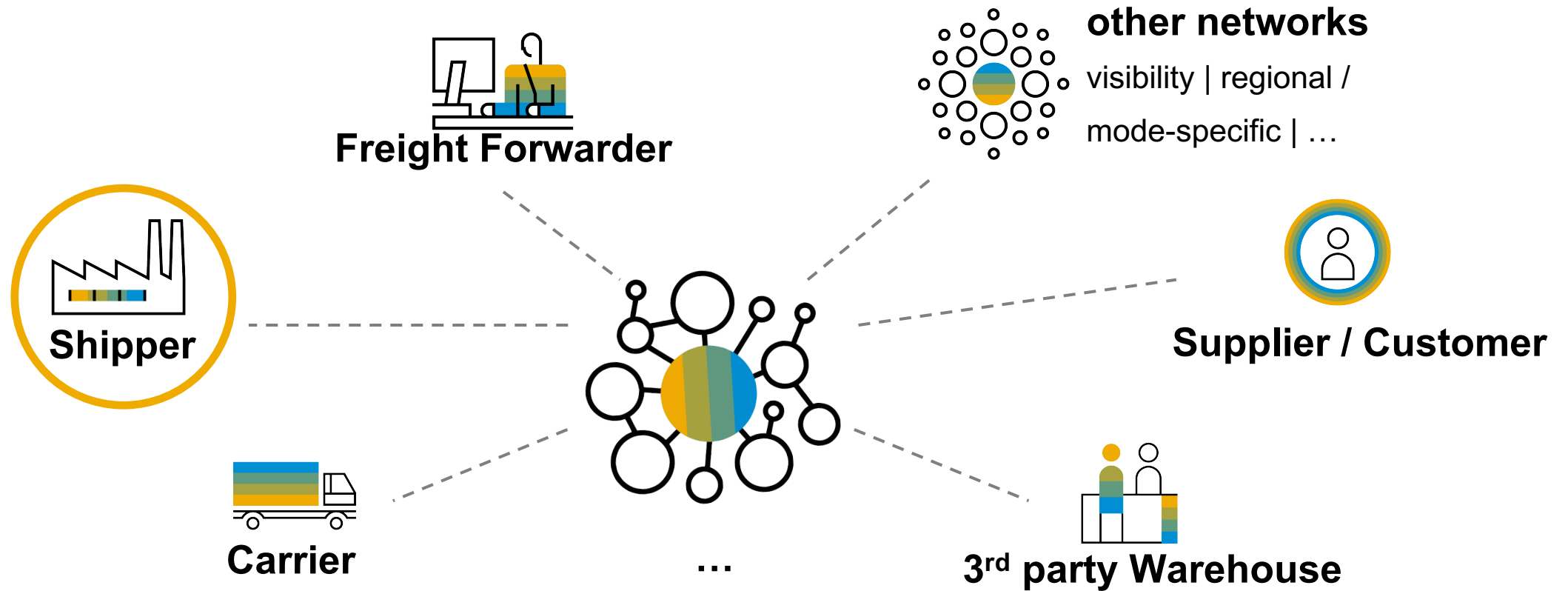
Reliably trace the source of “socially responsible” raw-materials / ingredients



**Digital transformation
& industry fusion**

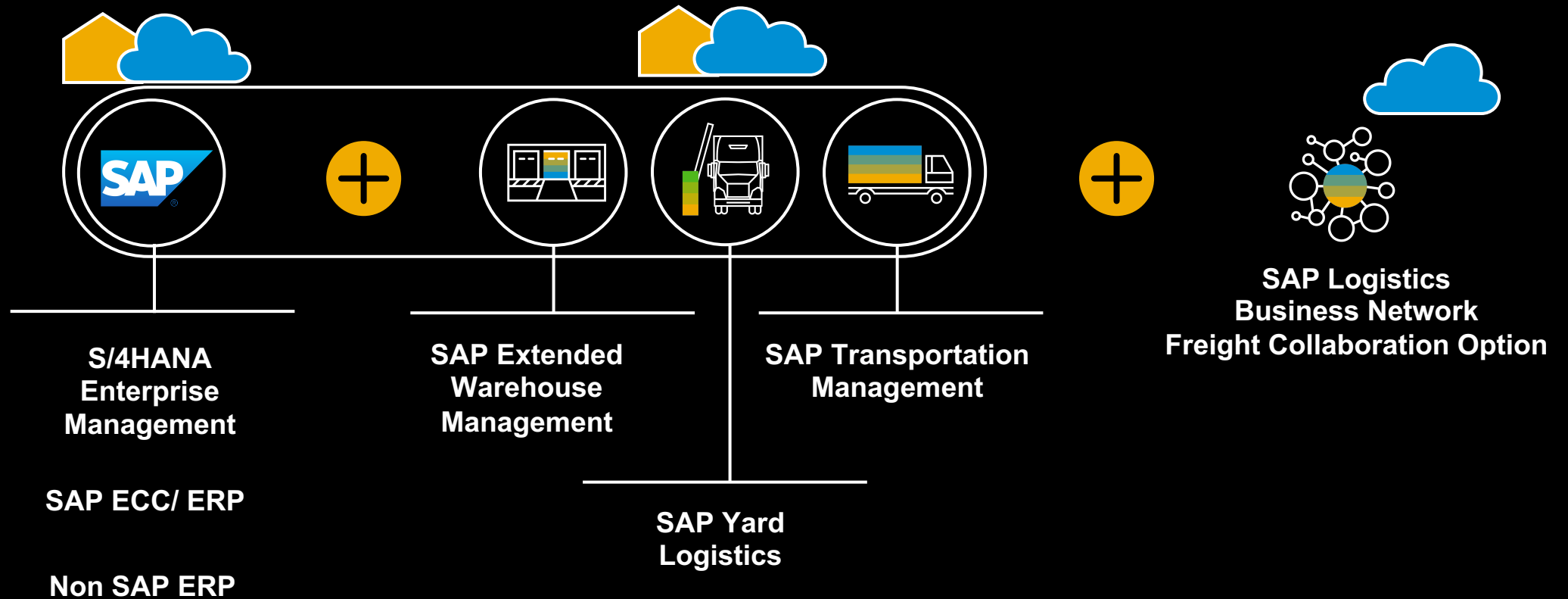
Seamlessly connect business processes, partners, systems, and “things”

The opportunity: a neutral, multi-modal, global network connecting logistics partners and systems



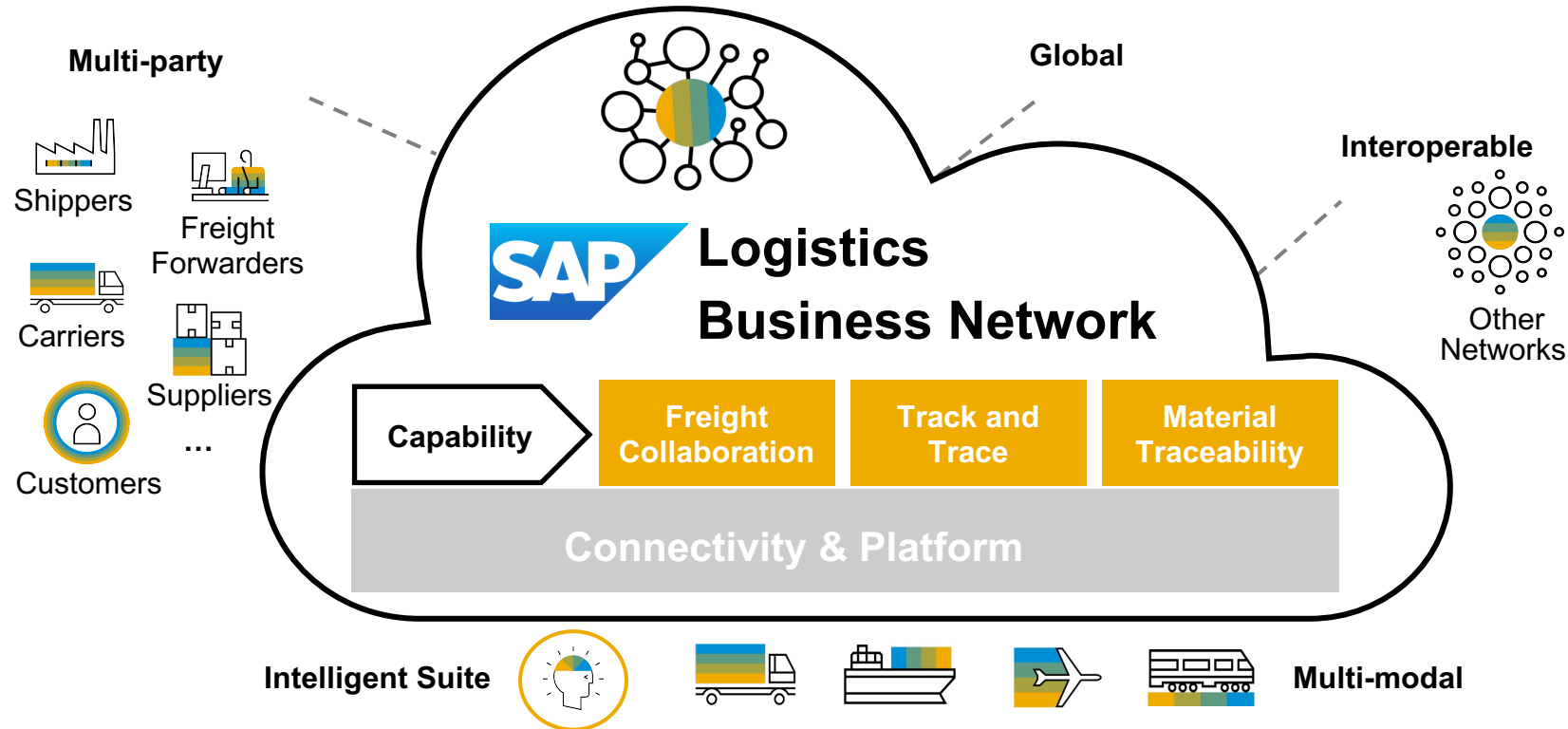
 easy, one-time onboarding | central place to find and use logistics services | end-to-end visibility | open network

SAP – Digital Logistics - Supply Chain Execution Platform



SAP Logistics Business Network vision

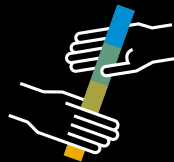
Increased business speed through an always on, secure network



- **Onboard once** – collaborate with many, anywhere and anytime
- Allow different stakeholders to consume logistics **services** and share **insights**
- **Integrate** with SAP digital core by design



Robust, scalable cloud service with global coverage



Connect multiple business partners for inter-company collaboration and transparency

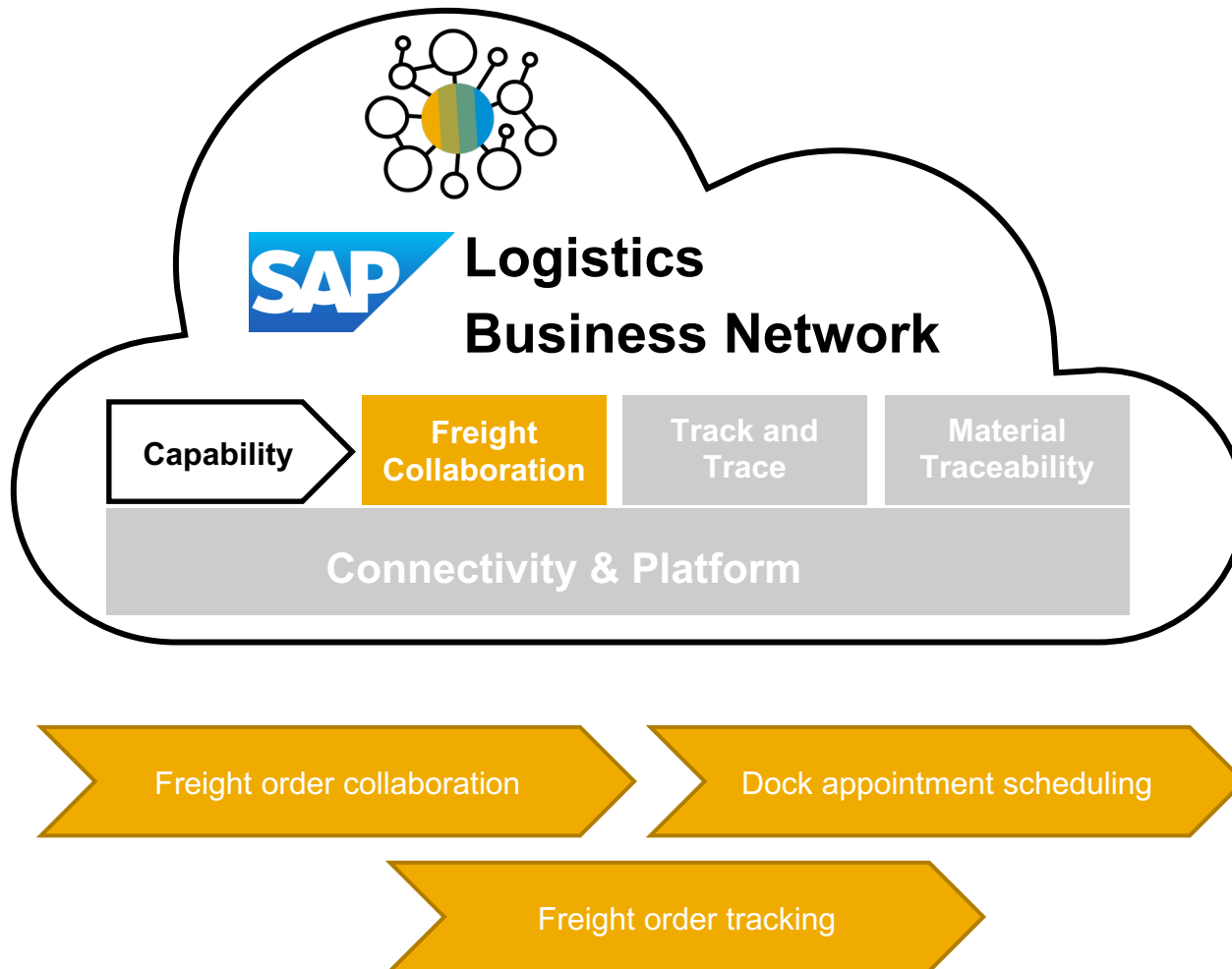


Standardized services for logistics collaboration and insights

Freight Collaboration

Break up silos of operation to manage freight more efficiently

SAP Logistics Business Network, freight collaboration option



Connect with your relevant logistics partners for closed-loop, **out-of-the box** business process collaboration

- Jointly manage logistics transactions in the network
- Exchange documents and provide insights into process steps operated by others
- Offer connectivity as per your logistics partner's technical ability: online integration for small enterprises / B2B* for technology-savvy ones
- Natively integrate with your business backend systems
- Use established logistics networks as a lever

Freight Order Collaboration

Integrated to SAP (S/4 HANA for) Transportation Management by design*

End-to-end carrier collaboration for **truck shipments**



Contracting

Tendering, quotation processing and subcontracting



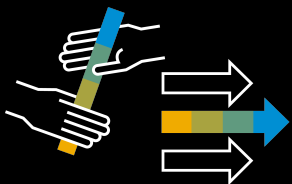
Execution

Milestone reporting and document exchange



Settlement

Self billing, carrier invoicing and dispute management



Collaborative
processes



Digital freight
documents

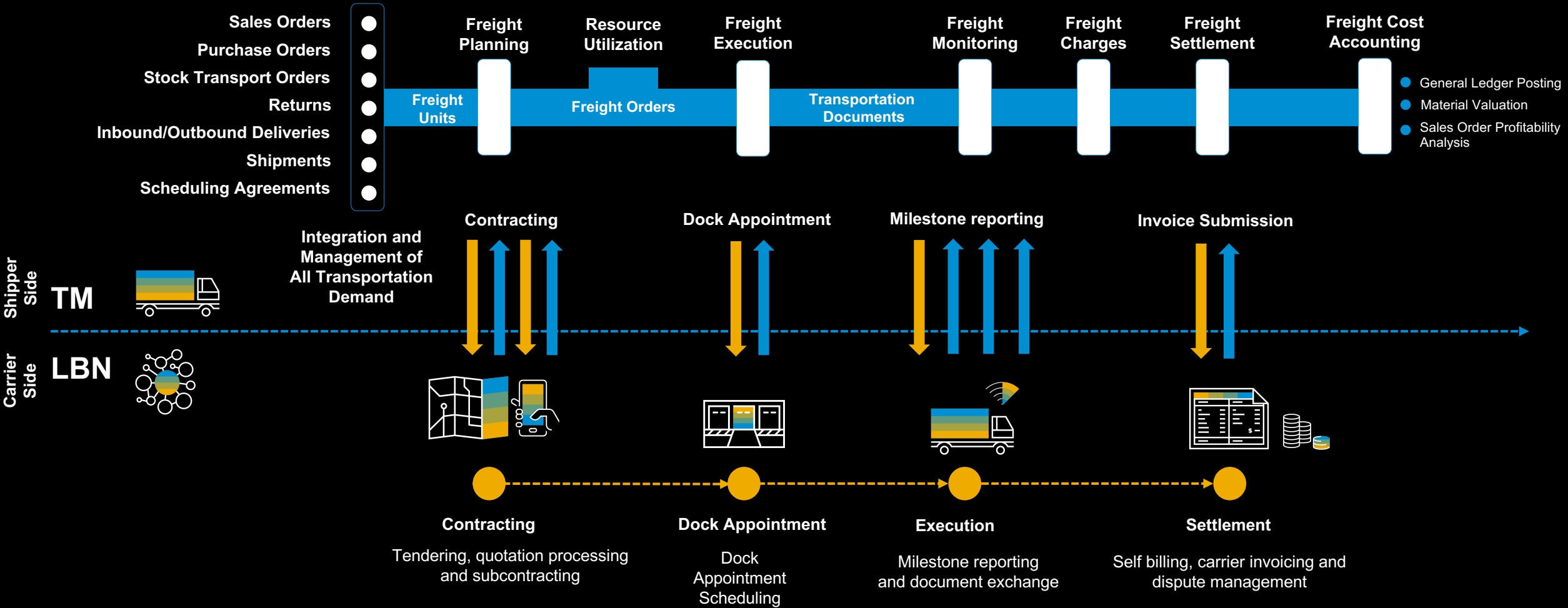


Real-time
insights



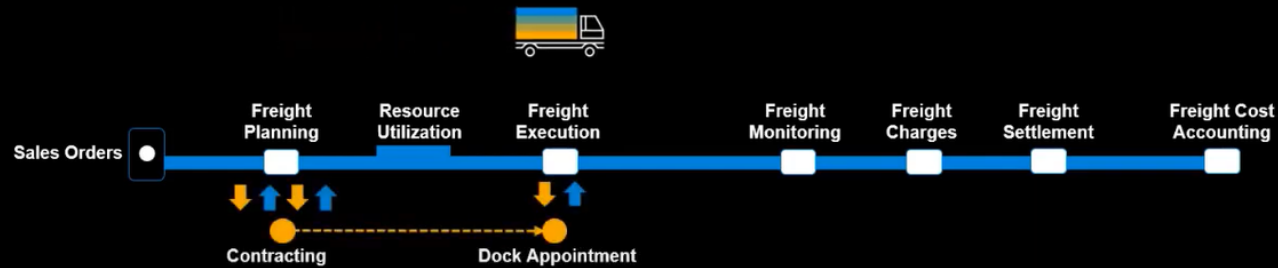
Back-end system
integration

End-to-End Outbound Transportation with Logistics Business Network Integration



S/4HANA Transportation Management integrated with
SAP Logistics Business Network

Live Demo

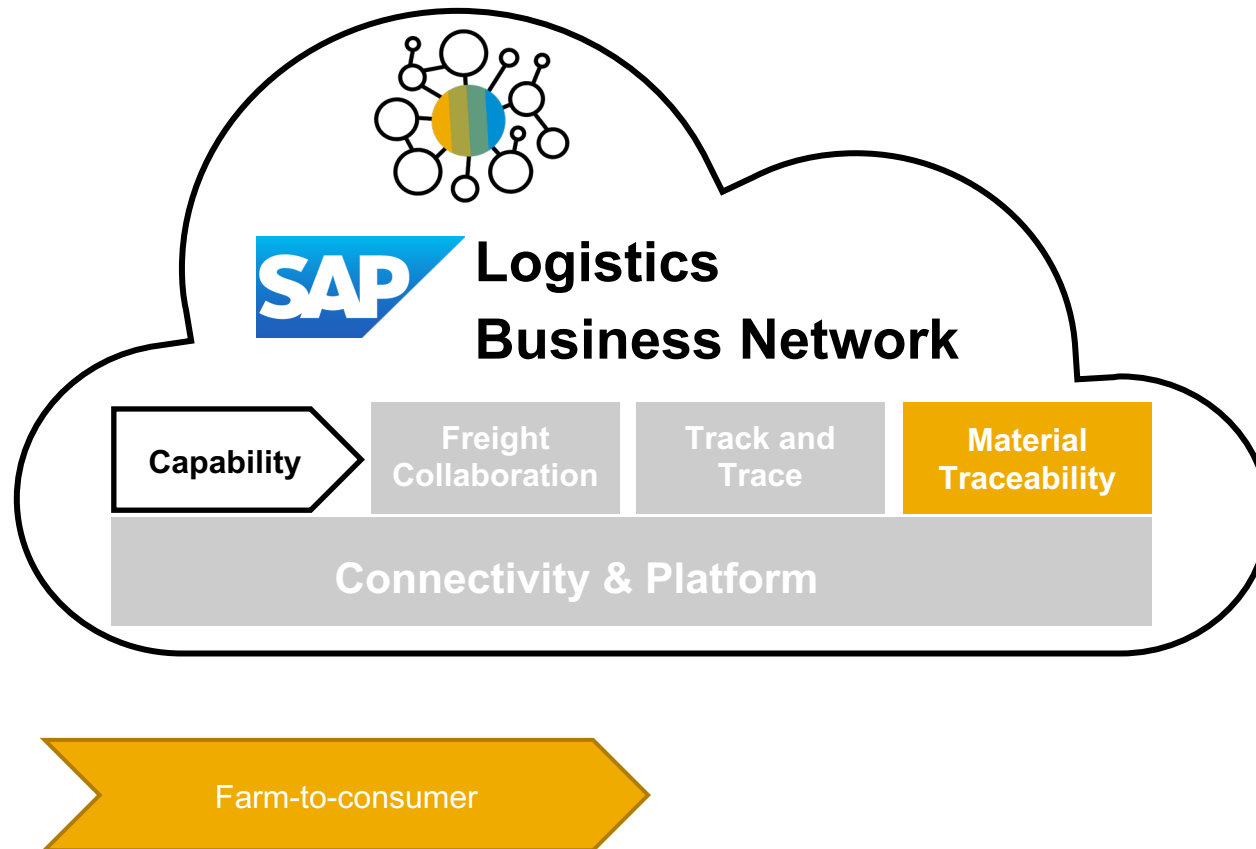


End-2-End TM Road Freight

Material Traceability

Create a trust chain by leveraging blockchain-based material traceability for up- and downstream product genealogy

SAP Logistics Business Network, material traceability option

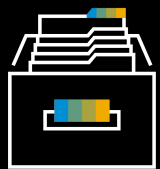
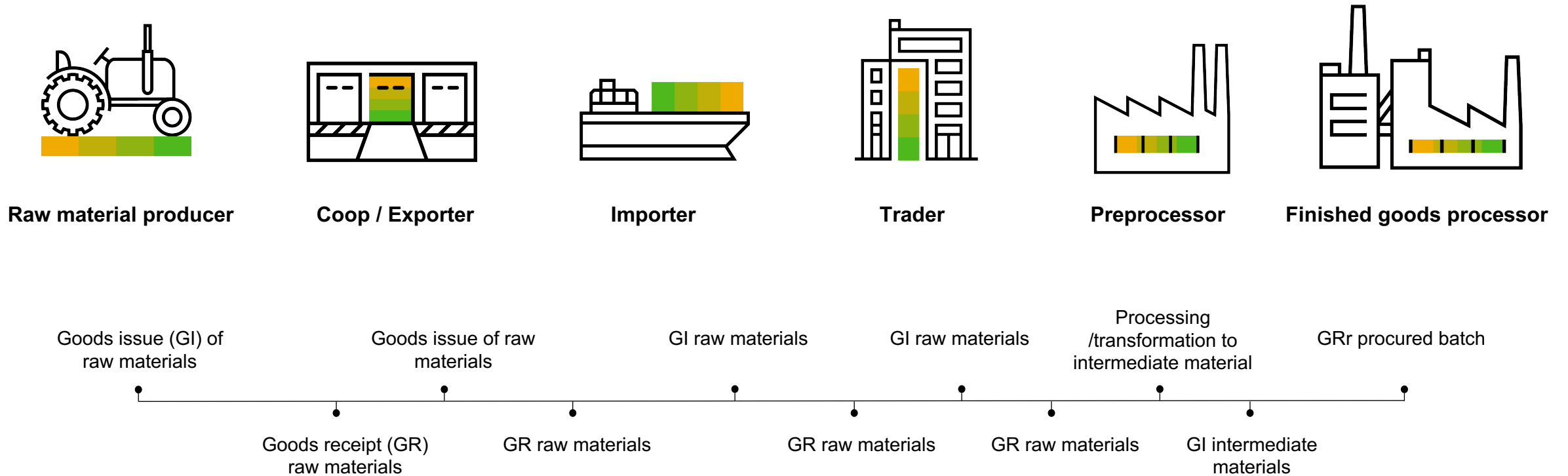


Trace your material provenance from raw material batch origin to finished product across an **n-tiered material value chain** augmented by blockchain technology

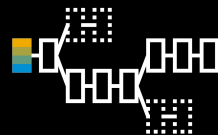
- Decentralized platform to enable data sharing across the supply chain network and improve end-to-end visibility
- Multi-component provenance
- Alert your supply chain partners in case of a product issue
- Integrate with your business backend systems
- Leverage capabilities of SAP Cloud Platform Blockchain as a Service

Example value chain: Capture the complete material provenance

Across all involved supply chain participants



Flexible setup and invitations through network owner



Natively leveraging **blockchain** as a service



Alerts for fast issue resolution across participants



Back-end system **integration** via reports

Network Participant

Good Ingredients
Ltd

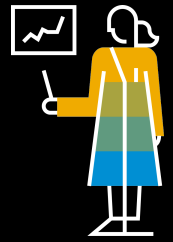


**Logistics
Business Network**
Material
Traceability



SAP Cloud Platform & Blockchain Service

Network Owner
Choclate Bar Inc.



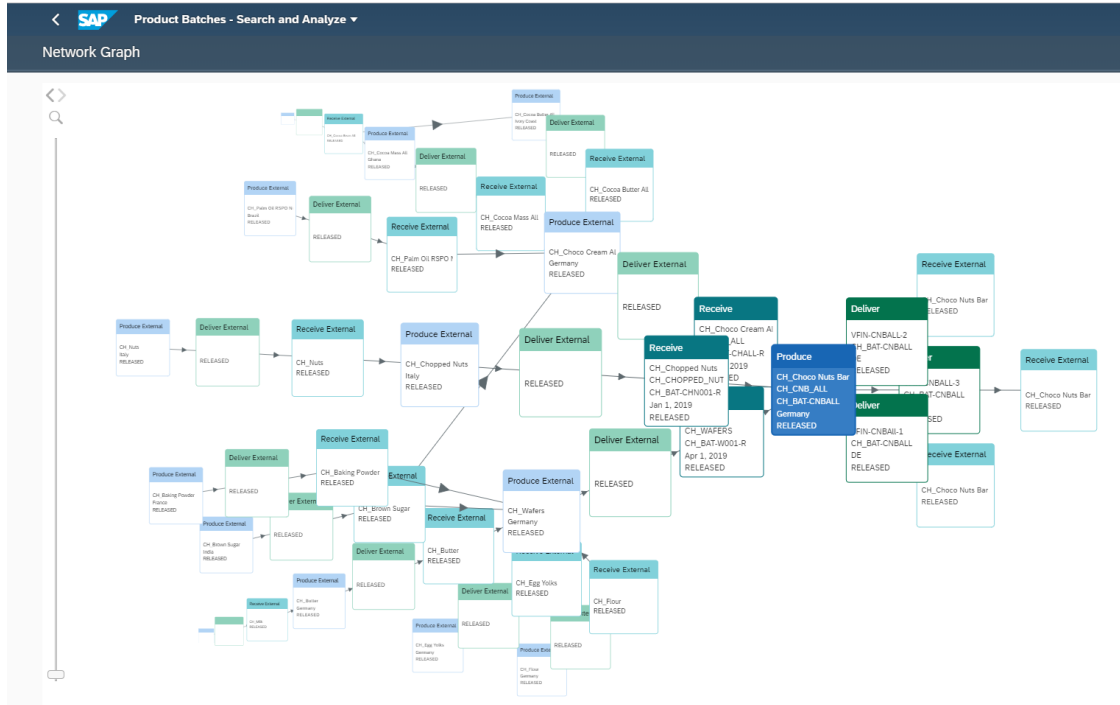
Network Data
Contributor

Old McDonald



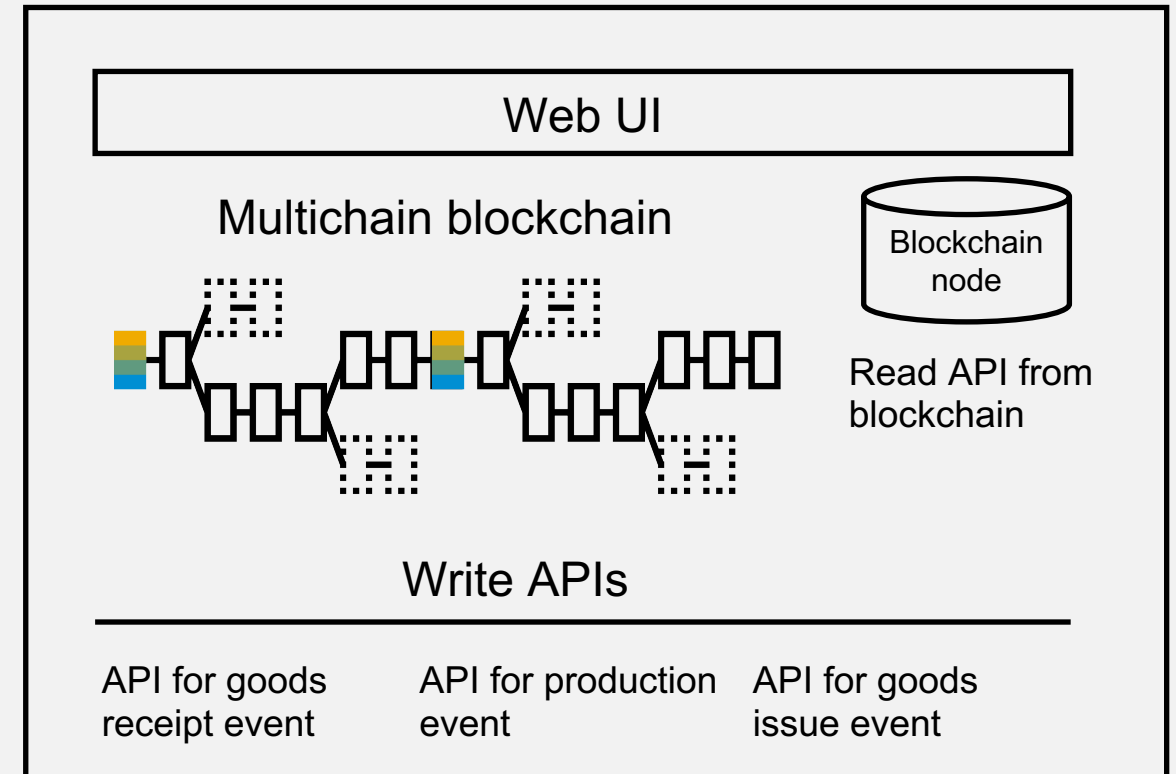
Material Traceability

Share information and facilitate inter-company / multi-party product recalls



Graphical visualization & cross-company alerting

Technology: SAP Cloud Platform Blockchain as a Service, integrated with the SAP Digital Core



SAP Logistics Business Network

Live Demo



Material Traceability Option

Thank you.

Contact information:

Trond Rovang

trond.rovang@sap.com

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