



# Blockchain for Cross-Company Process Automation in Construction

Benjamin Stöckhert, Business Development Manager, SAP  
Alex Small, BIM & Digital Platforms Manager, Tata Steel Europe  
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CUSTOMER



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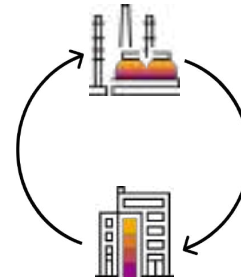
# Our point of view: Blockchain in the Enterprise



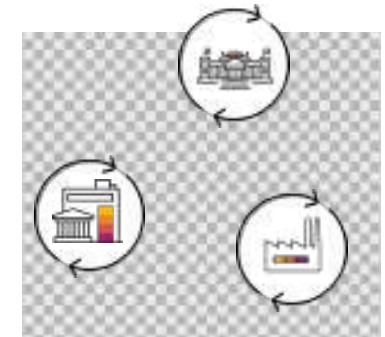
**Enterprise Solution**



**Shared Ledger Technology**



**Cross-company business processes**



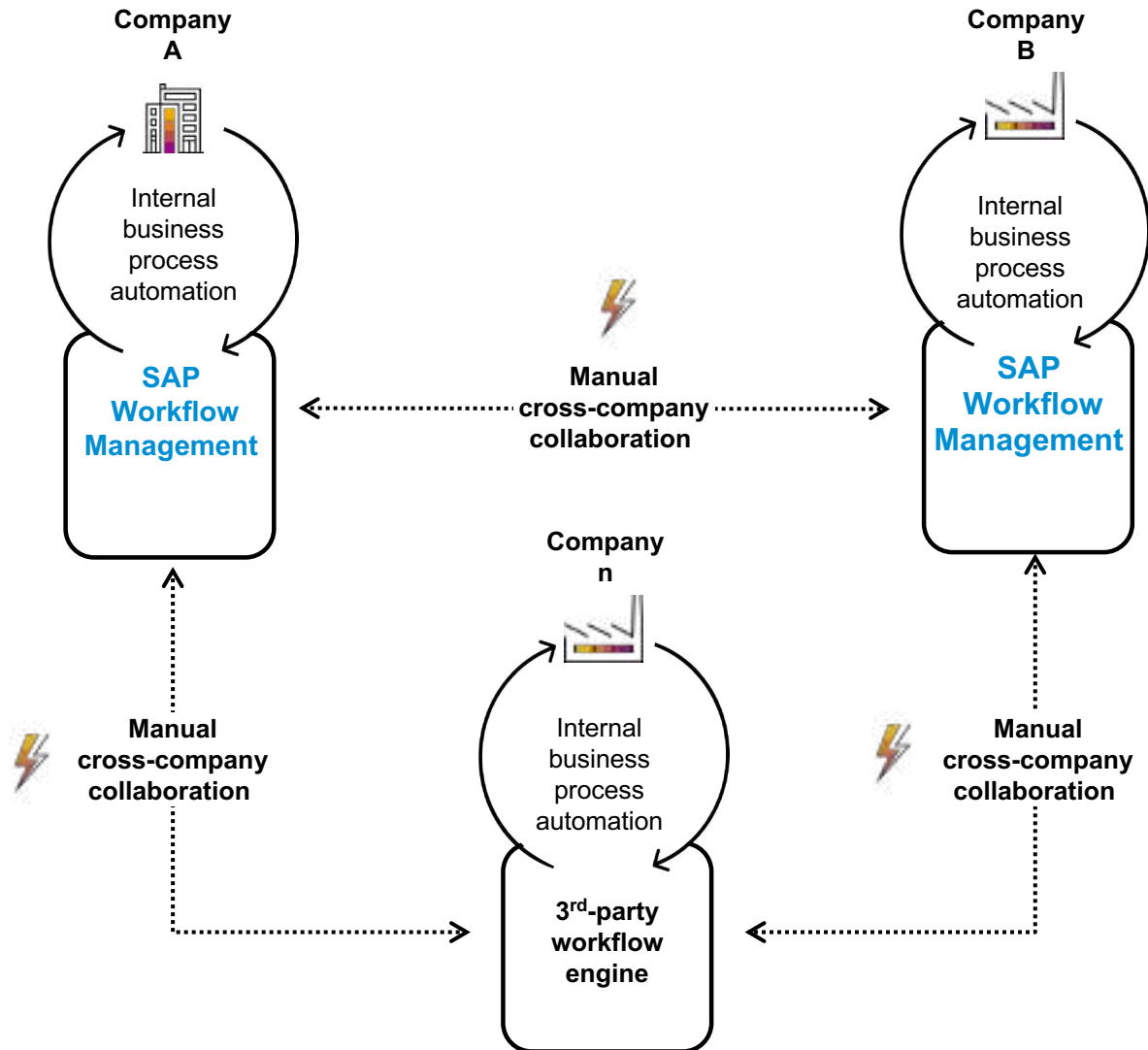
**Open business collaboration networks**

The adaption of the blockchain concept for the intelligent enterprise to enable **open business collaboration** across company boundaries in **decentralized business networks**.

# SAP Cross-Company Workflow



# Missing digital process automation for decentralized cross-company collaboration



Today's cross-company workflow collaboration in decentralized business networks

Manual and tedious orchestration of business process

**Errors and costs**

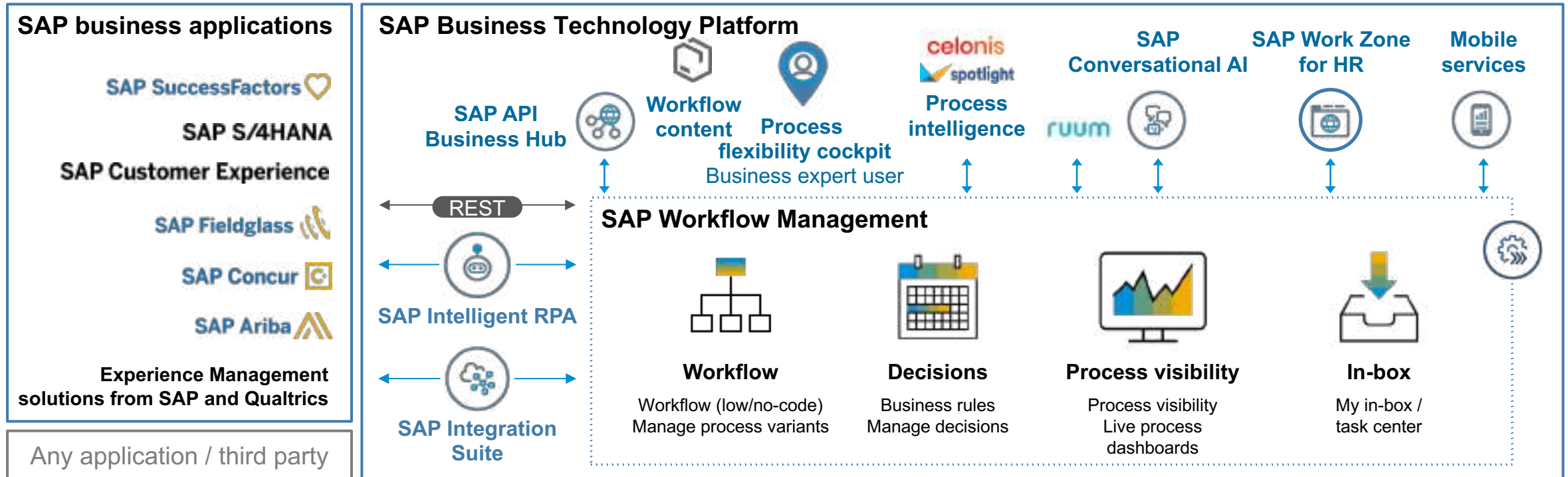
Complexity and inflexibility when integrating with internal processes

**Inefficiencies and delays**

No verifiable and consistent end-to-end documentation of collaboration activities

**Disputes and audits**

# Big picture in the SAP software landscape: SAP Workflow Management



## Do more with less



Empower employees through process automation, freeing up their time to do more meaningful work

## Enable compliance



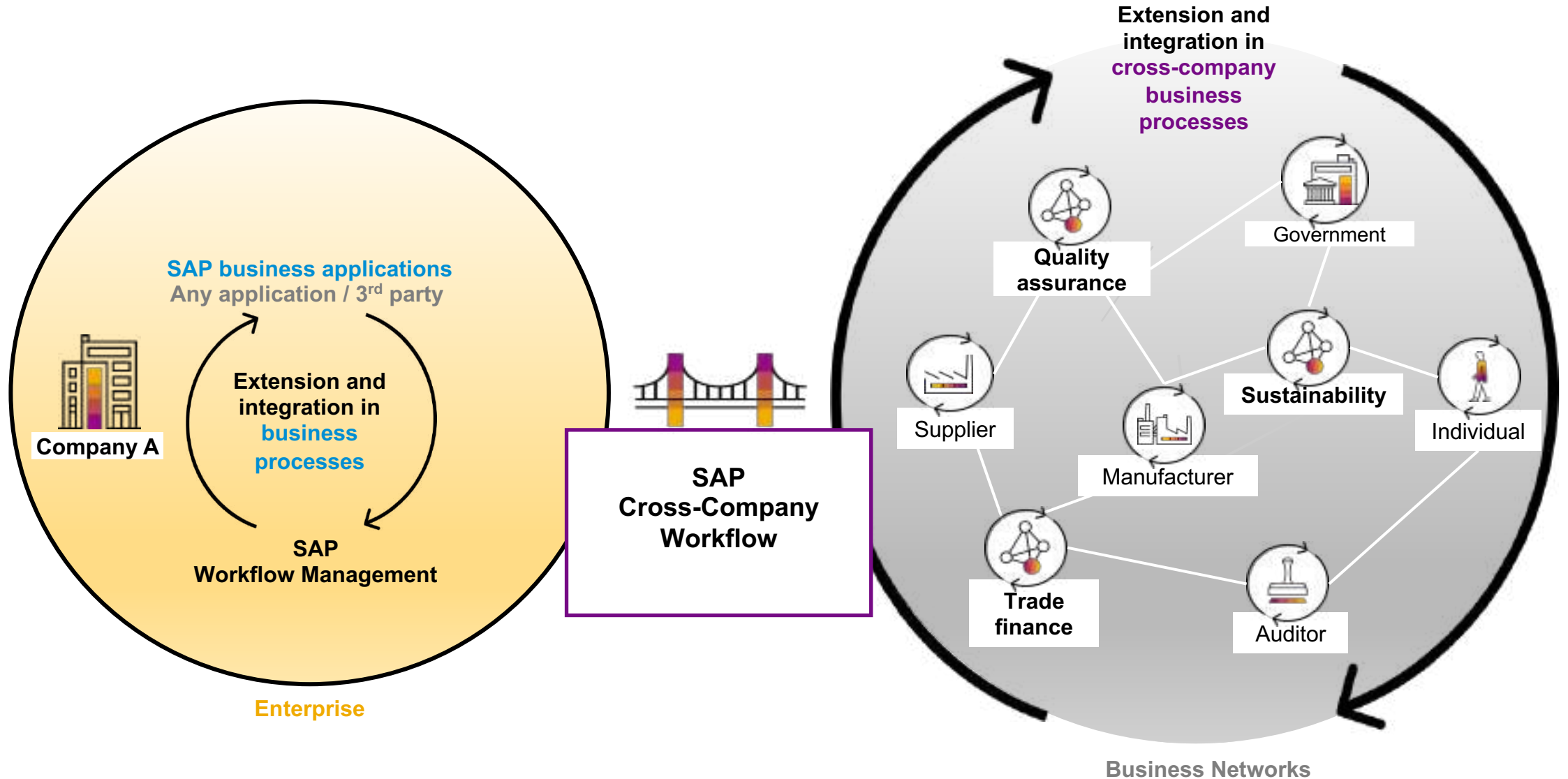
Comply with policies and regulations through clear responsibilities and audit trails

## Flexibly adapt to new requirements

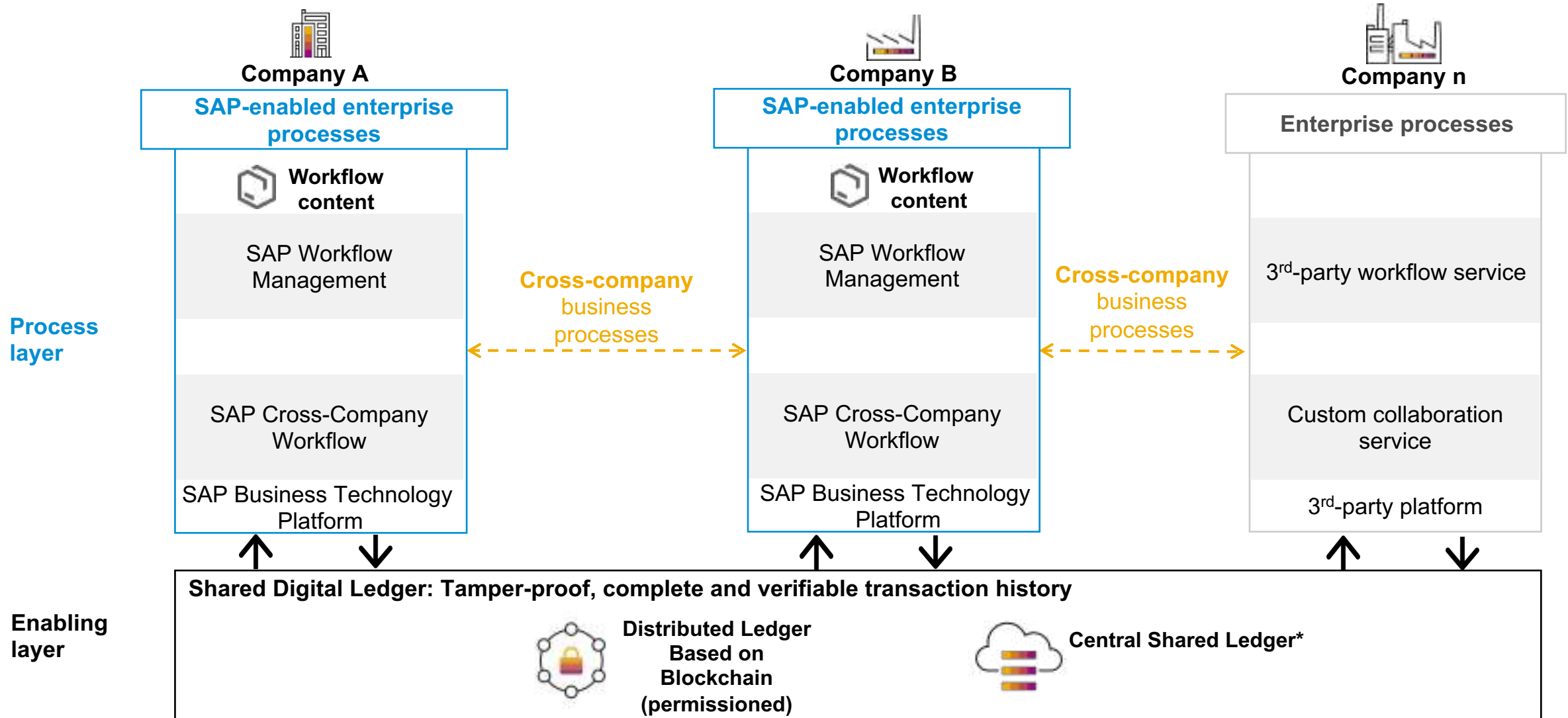


Tailor business processes to business needs, support new business model innovations, and fix broken processes for business resilience

# SAP Cross-Company Workflow



# E2E orchestration of workflows across company and system boundaries





## Key business values

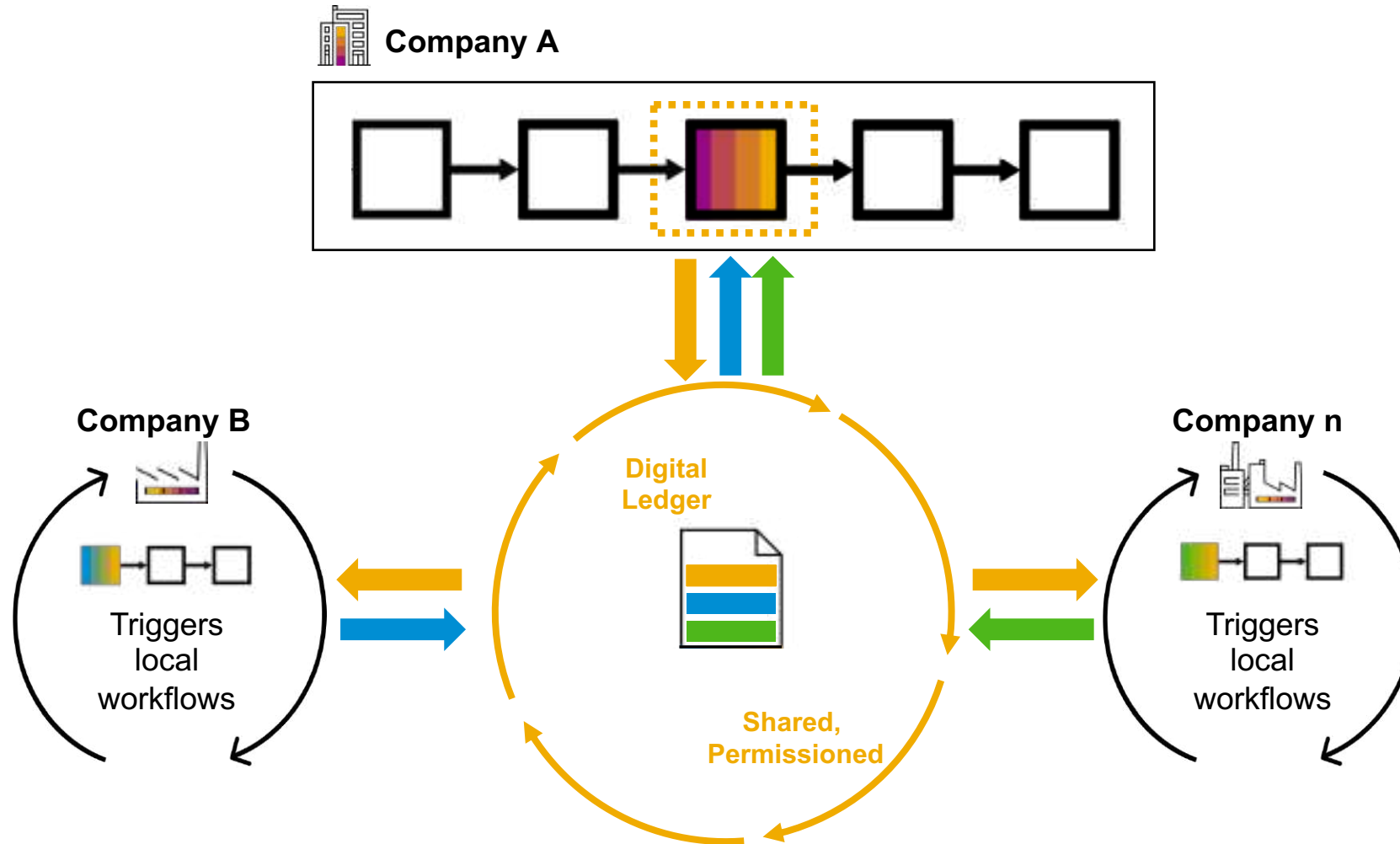
Provide a **pragmatic and non-invasive integration point** from business workflows to cross-company task collaborations, so that customers do not need to replace their existing systems to gain value from this collaboration.

**Orchestrate and automate** the business workflows collaboration between several independent organizations in a business network based on collaboration task templates.

**Document** the cross-company collaboration in a transparent, consistent, complete and tamperproof ledger that is accessible by all participants of a specific cross-company process.

# Cross-company workflow collaboration scenarios

## Send and process cross-company tasks from local workflows



# Use cases across different lines of business and industries



Collaborative product development



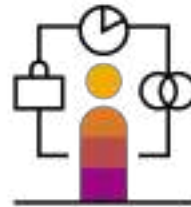
Dock Appointment Scheduling



Personalized Medicine



Cross public agency approval tracking



Work order collaboration



Complex project orchestration

# Digitization of Construction Projects with Cross-Company Workflow Collaboration Pilot

HS2

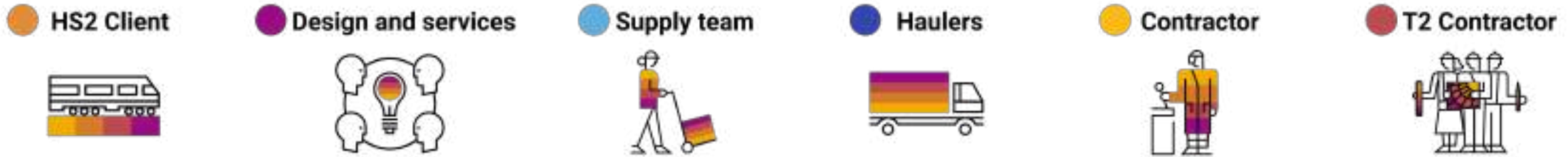
trains will connect around 30 million people.



# Digitization of End-to-End Processes in Construction

## Enhancing No-Code Workflow Engines Shared Ledger Technologies

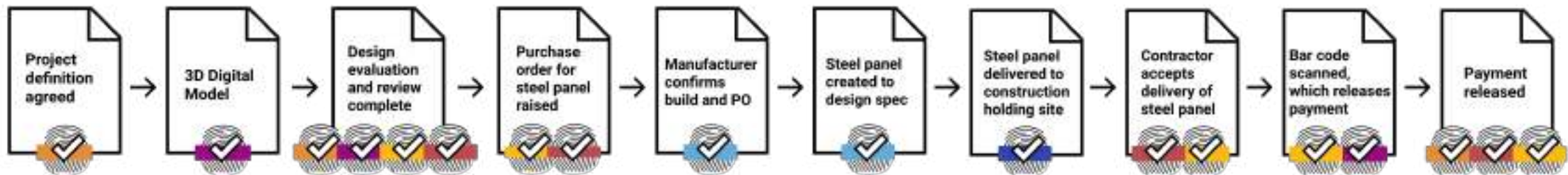
### Stakeholders



### Shared Digital Ledger



### Process steps





# Demo

Blockchain in Construction

# Join us in reinventing **cross-company business processes** through collaboration



## Customer engagement initiative

Explore the **business value** that can be created by integrating distributed ledger technology with low-code workflow services.

Share your **feedback** with us and help us to define value-added features that should be supported by the SAP Cloud Platform.

**Test** the SAP Cloud Platform Cross-Company Workflow Collaboration service.

Engage with us and sign-up

[cross-company-workflow@sap.com](mailto:cross-company-workflow@sap.com)



# Thank you.

**Benjamin Stöckhert**

Business Development Manager  
SAP Innovation Center Network

[benjamin.stoeckhert@sap.com](mailto:benjamin.stoeckhert@sap.com)

**Alex Small**

BIM & Digital Platforms Manager  
Tata Steel Europe

[Alex.Small@tatasteelurope.com](mailto:Alex.Small@tatasteelurope.com)



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