



Blockchain for Cross-Company Process Automation in Construction

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CUSTOMER



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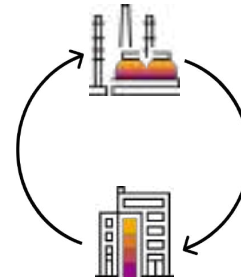
Our point of view: Blockchain in the Enterprise



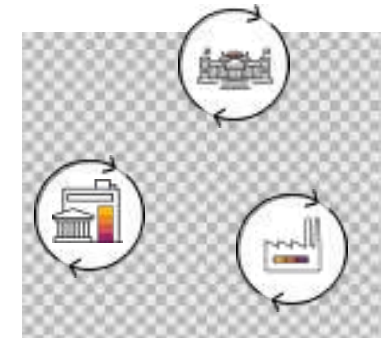
Enterprise Solution



Shared Ledger Technology



Cross-company business processes



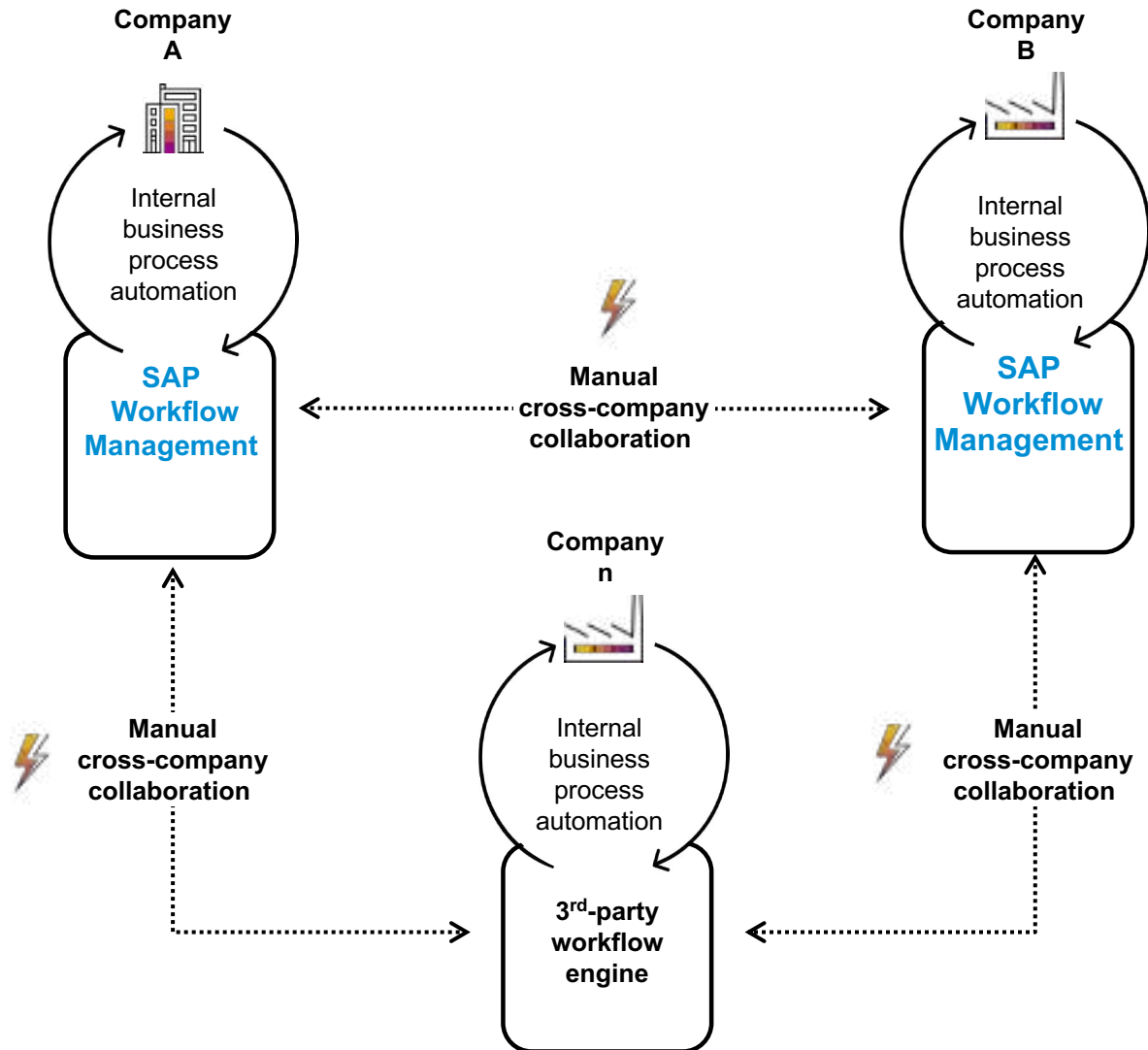
Open business collaboration networks

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

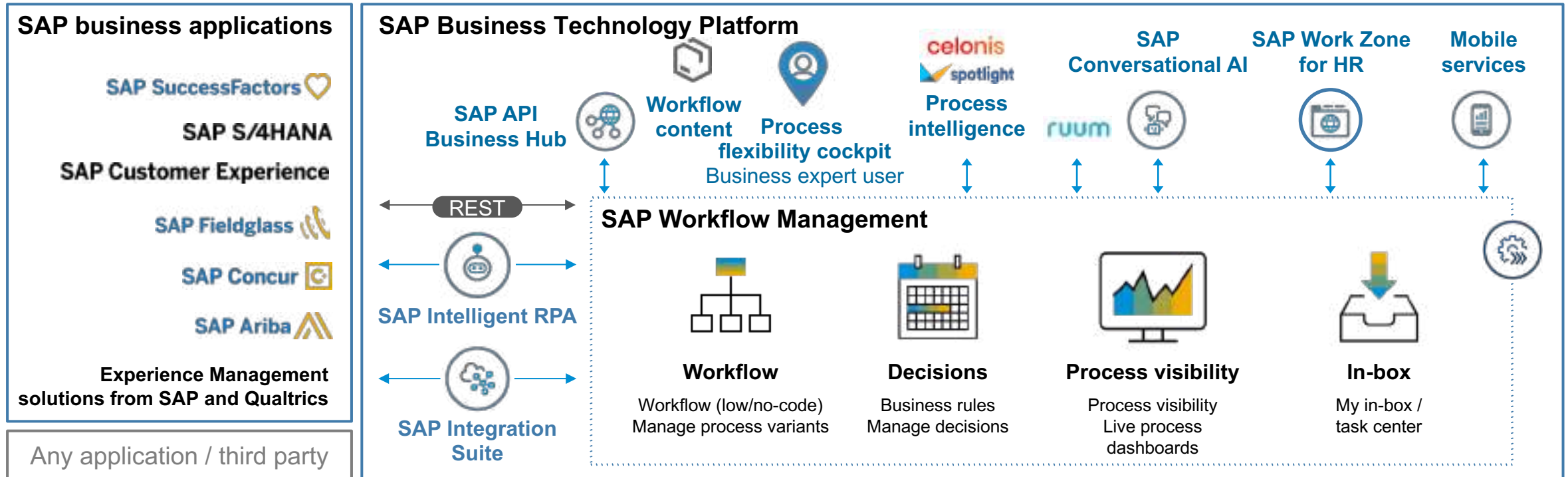
Complexity and inflexibility when integrating with internal processes

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



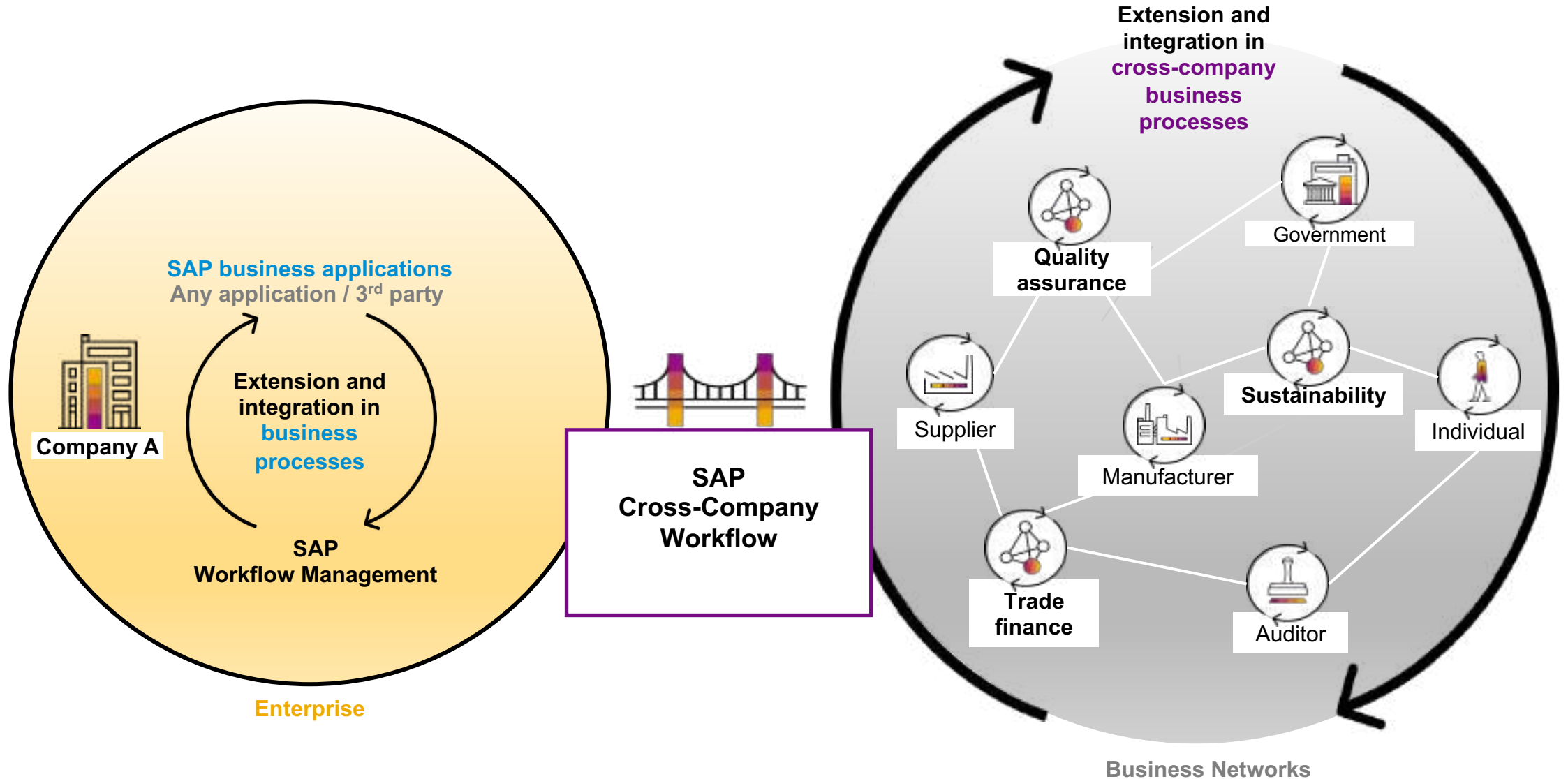
Comply with policies and regulations through clear responsibilities and audit trails

Flexibly adapt to new requirements

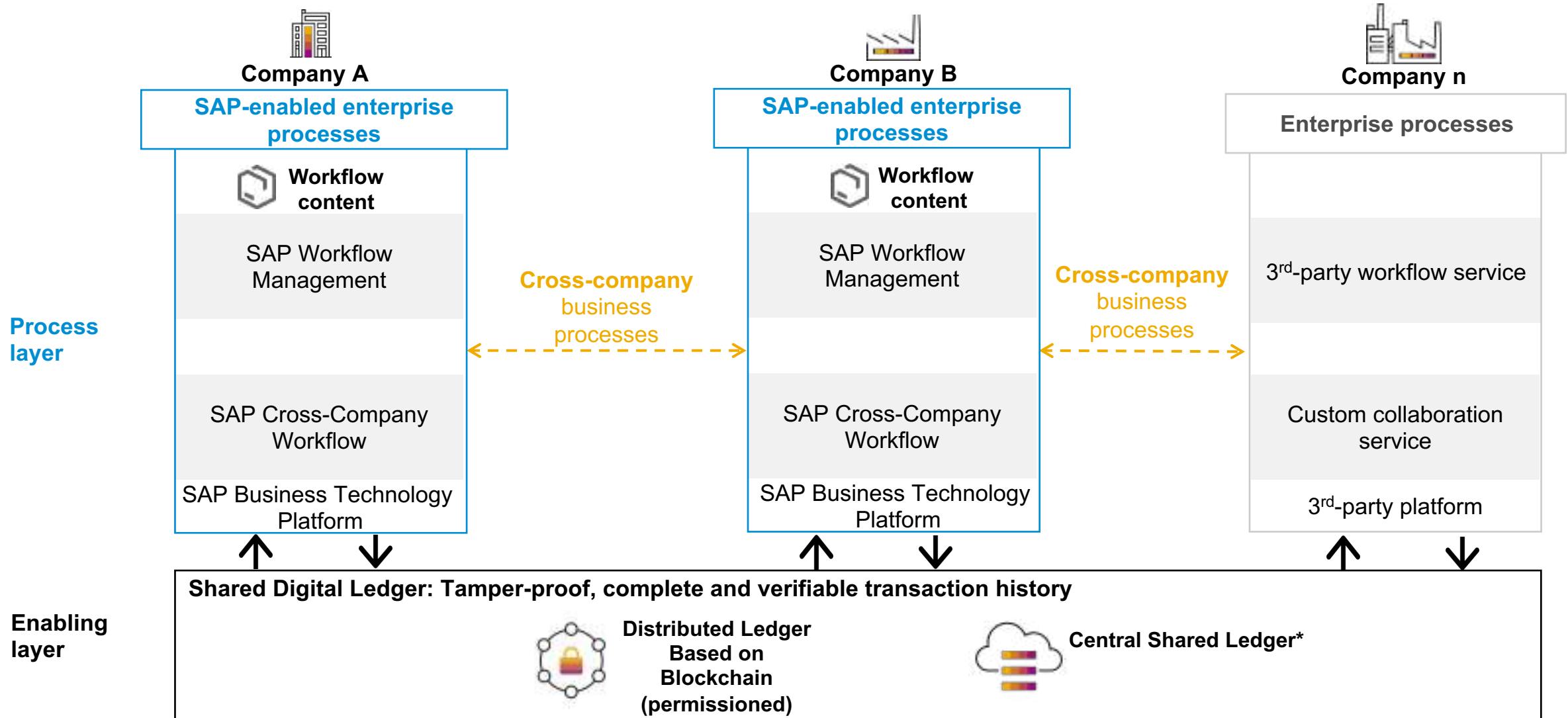


Tailor business processes to business needs, support new business model innovations, and fix broken processes for business resilience

SAP Cross-Company Workflow



E2E orchestration of workflows across company and system boundaries



Key business values

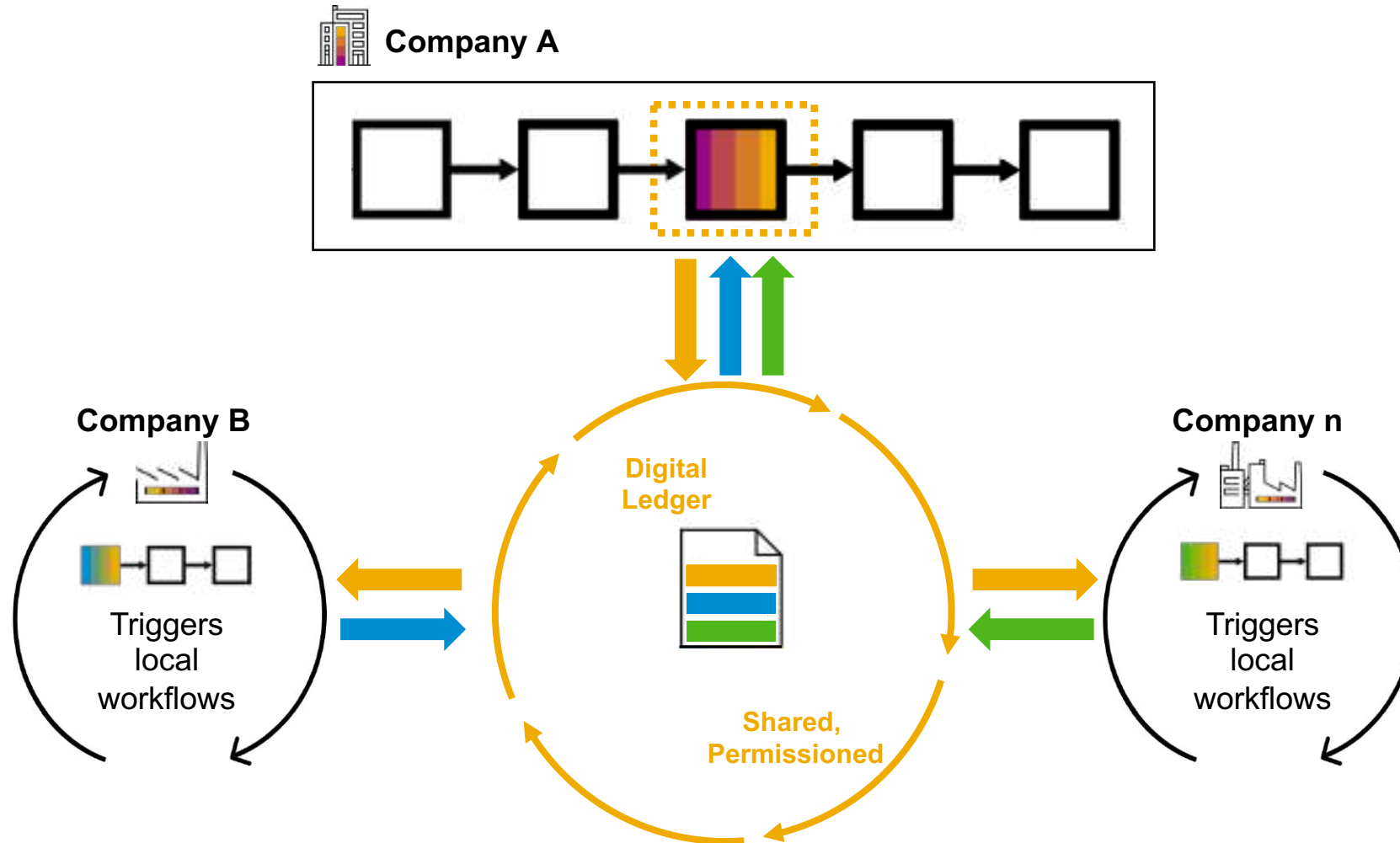
Provide a **pragmatic and non-invasive integration point** from business workflows to cross-company task collaborations, so that customers do not need to replace their existing systems to gain value from this collaboration.

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

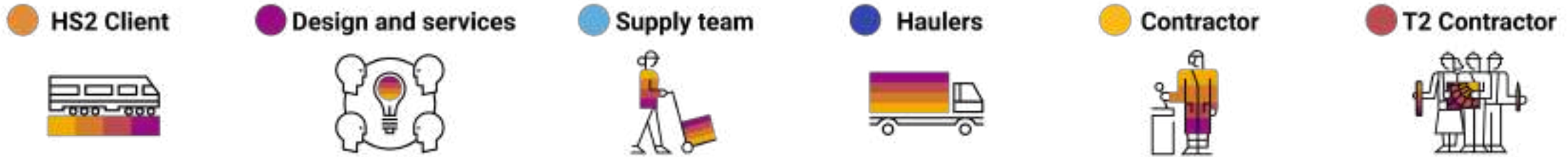
trains will connect around 30 million people.



Digitization of End-to-End Processes in Construction

Enhancing No-Code Workflow Engines Shared Ledger Technologies

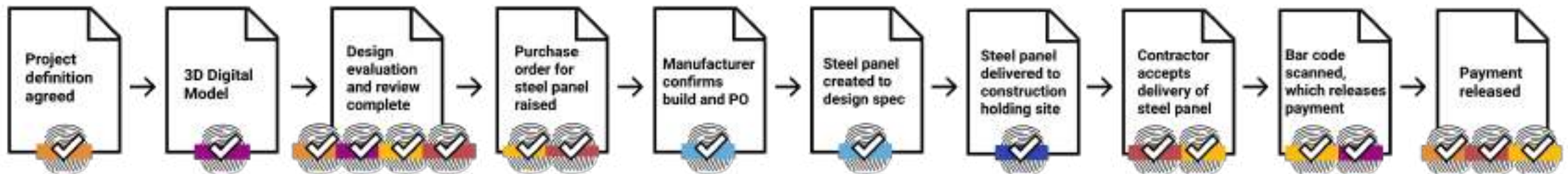
Stakeholders



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



Thank you.

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