

Toolset to implement Smart Processes on a Blockchain

The background features a collage of business-related images. At the top, a hand holds a magnifying glass over a person icon. Below, a person in a suit stands in a modern office. In the foreground, hands are shown holding and reviewing documents, one of which is labeled 'GLOBAL MAP'. The entire scene is overlaid with a green geometric pattern.

THE WORLD OF PROCESSES: CHALLENGES AND OPPORTUNITIES



- Streamlining processes between the huge number of market participants today, lead to the **“API Hell”** raising issues on
 - Versioning and Maintenance
 - Scalability
 - Redundancy and Security
- For the first time in IT evolution, the **Blockchain offers a common canvas** that we all trust to work with.
 - Distributed and Secure
 - Scalable
 - Programmable (Smart contracts)
- An opportunity to move **from Smart Contracts to Smart Processes** and automate today’s multi-participant processes.



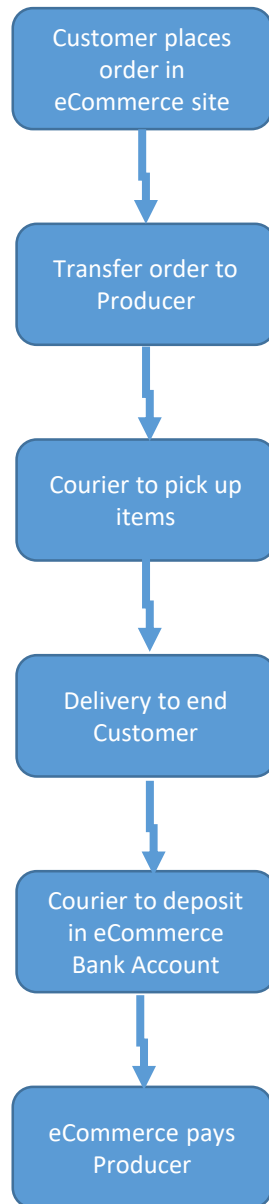
“It’s clear that writing a robust, secure smart contract... is similar to writing code for a nuclear power reactor....”

Emin Gun Sirer,

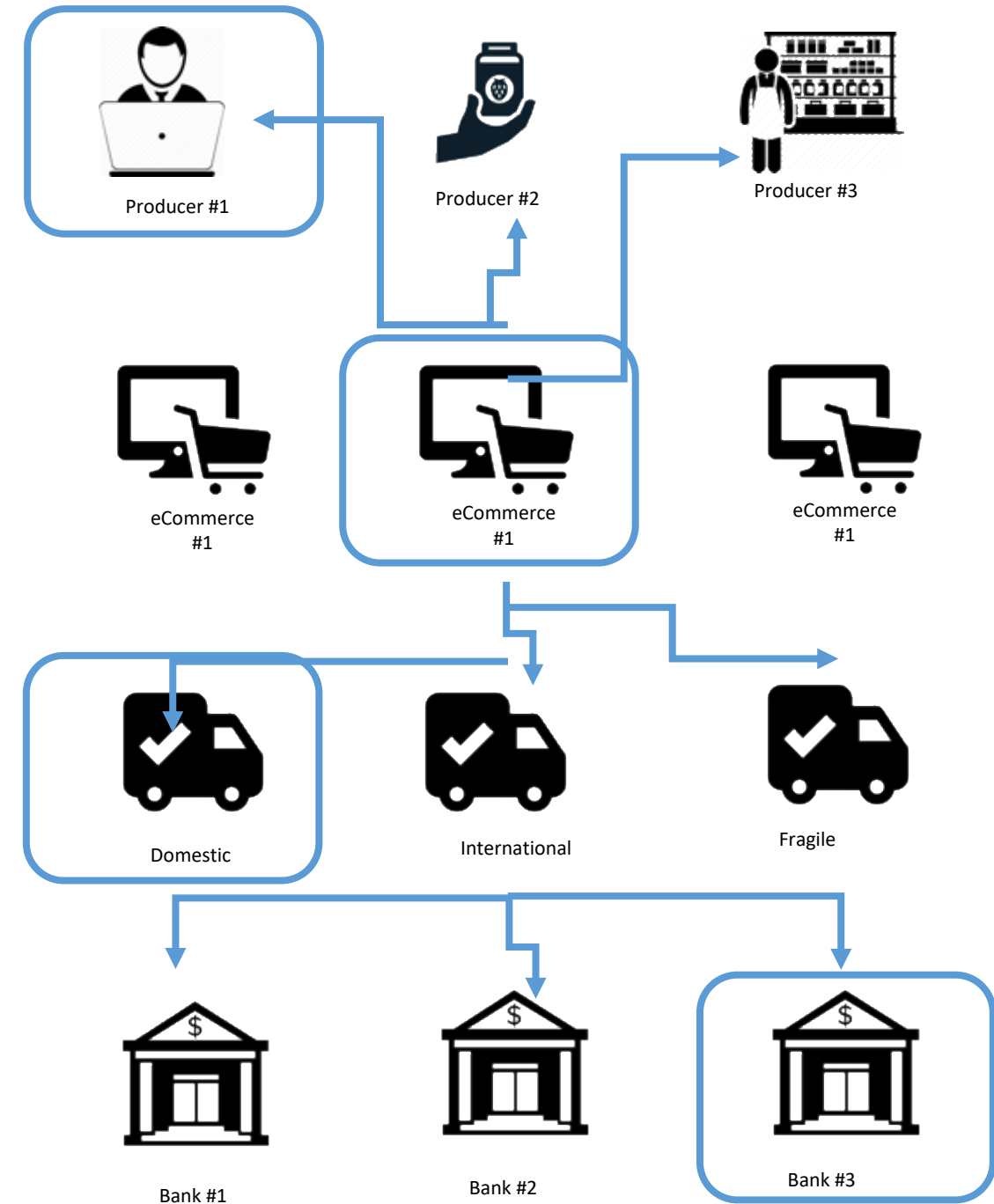
PAY ON DELIVERY EXAMPLE: SME process with multiple vendors-APIS



Today's world with multiple API connections



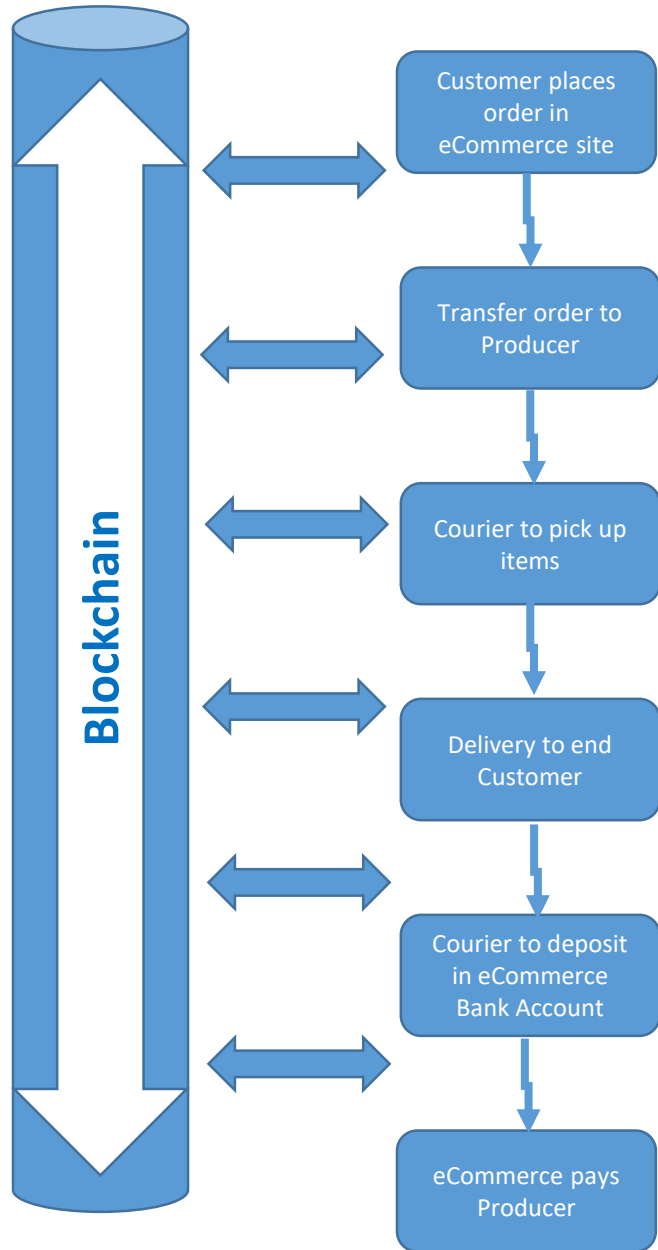
- Needs many-to-many API implementations
- Process managed implicitly, without end to end transparency
- No easy way to introduce new actors



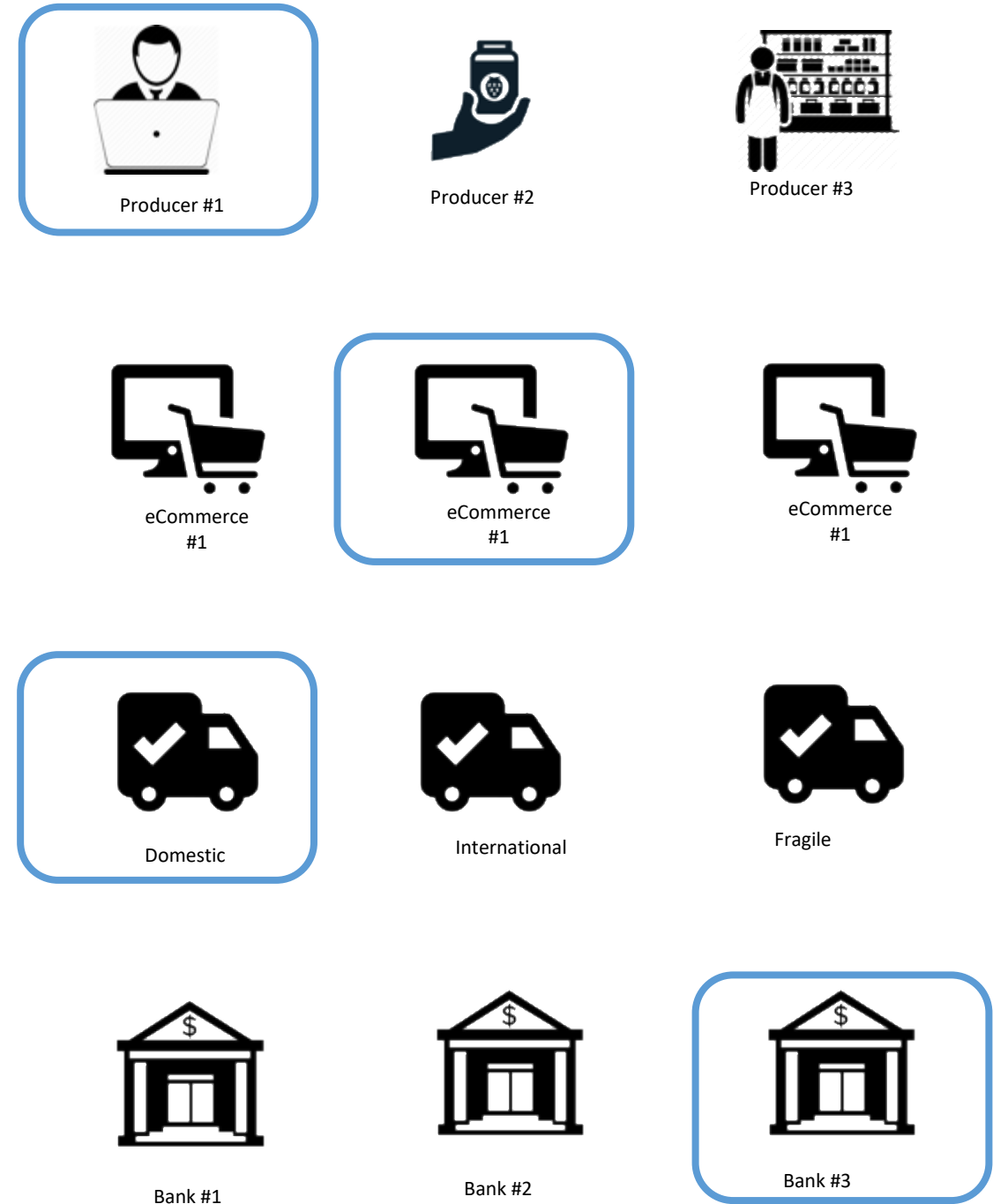
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Use of Blockchain allows single point connections



- ✓ Single integration point per actor
- ✓ Process execution transparency
- ✓ New actors need only to register with the blockchain

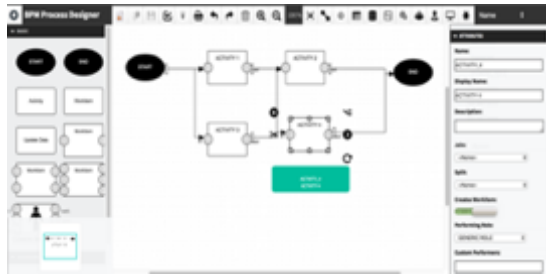


THE SOLVUS SOLUTION



An end-to-end orchestration platform to streamline processes between organizations

Drag-and-drop **Process Designer**



Simple and robust **Business Process Execution engine**



A **Smart Contract code generator**



End User interface

to participate in running processes



Process Analytics

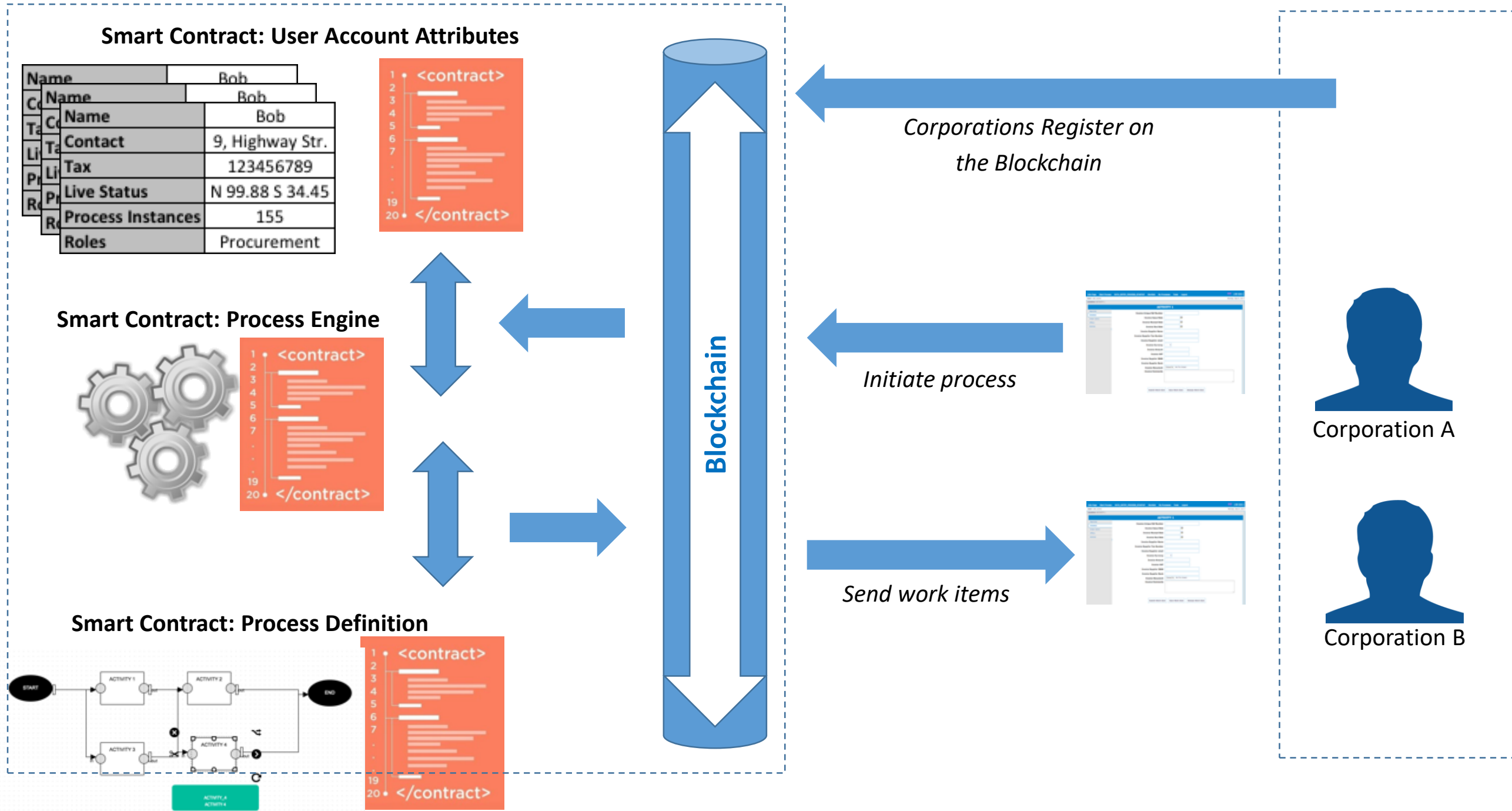


Role mgmt and Security



A **turn-key** solution based on proven **blockchain** technology.

SOLVUS PLATFORM: RELIABLE PROCESS AUTOMATION ON THE BLOCKCHAIN



FAST, RELIABLE, AND SECURE INTER-COMPANY PROCESSES



- ✓ Market-wide, **protocol of processes**, removing burden of establishing independent inter-company solutions.
- ✓ One-time, market-wide participant **registration** and authentication, along with roles and competencies
- ✓ **Transparency, Tracking,** and **Reliability** for accurate process execution
- ✓ **Standardization** of best practice processes through the participation of accredited **Consulting companies (e.g. Big 4)** who have an incentive to contribute best practice methodologies
- ✓ **Process performance (KPIs)** visible to the entire “market”
- ✓ **Top level data security** based on blockchain technology



THE NEXT GENERATION OF DOING BUSINESS ACROSS ENTERPRISES



Blockchain based Smart Processes will enable a new, massive Business Process Management Services market wave.

The traditional Business Process Mgt market is still rising:

- Market size at \$7 billion on 2016
- Projected to reach \$13.5 billion by 2021
- Growth rate at 14.2% (CAGR)
- SMEs will be leading the growth

While Blockchain technology steadily transforms from a novel trend to a standard solution creating a new market:

- Market size \$10 billion by 2022
- Projected to reach \$20 billion by 2025
- Growth rate at 61.5% (CAGR)
- Heavy and growing capital investment

Sources:



THANK YOU

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