



OPERATIONAL DIGITAL TWINS AND DATA COLLABORATION

{ A non-obvious path to introduce new business models. }

DT Hub Gemini Call, Feb 7, 2023

Market

Companies use data to **drive innovation**

Deloitte

Data is starting to generate value across enterprises in the form of new business models and opportunities.

Source: [Deloitte](#)

Global data volume will grow

2018		2025
33	5x 	175
zettabytes		zettabytes

Source: [European Commission](#)

Enterprise Data Management Market

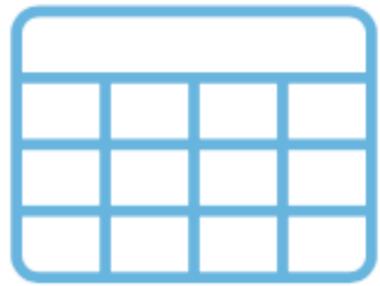
2028
\$131 billion
CAGR 9.1% (2021-2028)

Source: [Facts & Factors](#)

Market

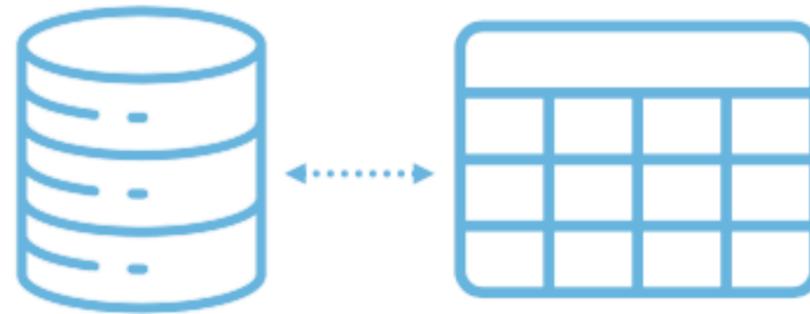
Digital product evolution

Based on analytical data



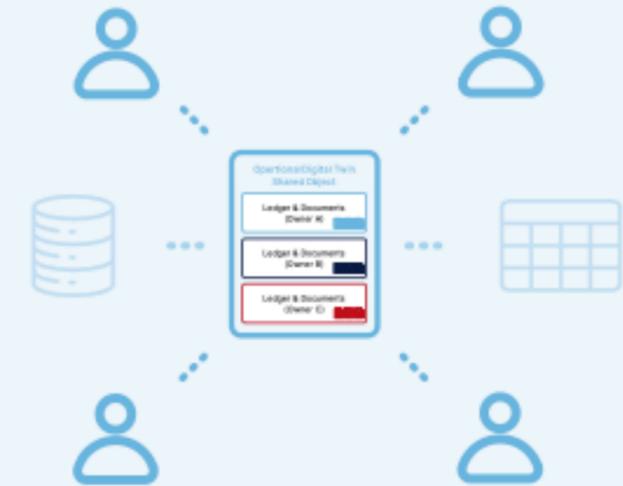
Recommendation engines
Analytical dashboards

Based on analytical and operational data

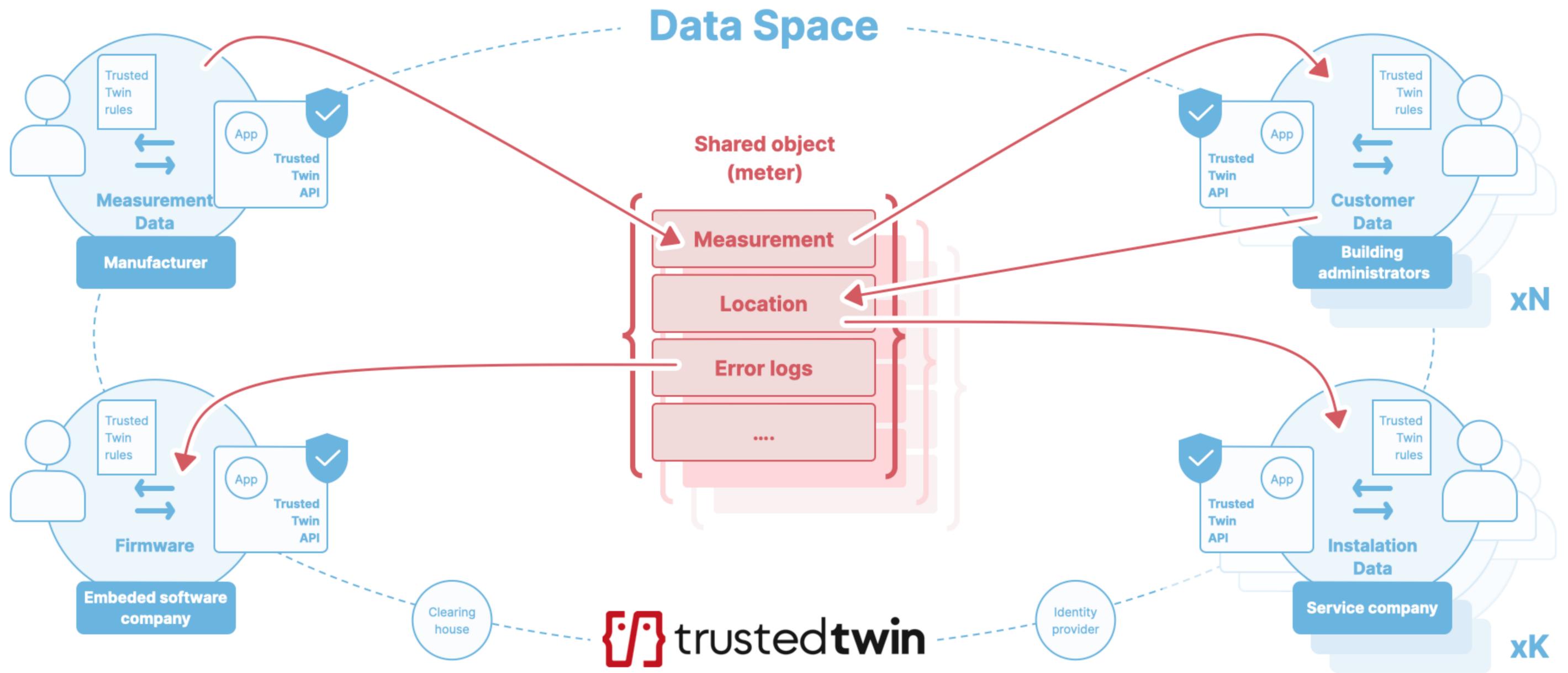


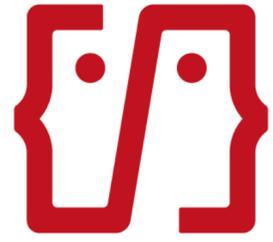
Predictive maintenance

Based on analytical data, operational data and data collaboration



Anything as a service
Real-time user profiles
Master data management

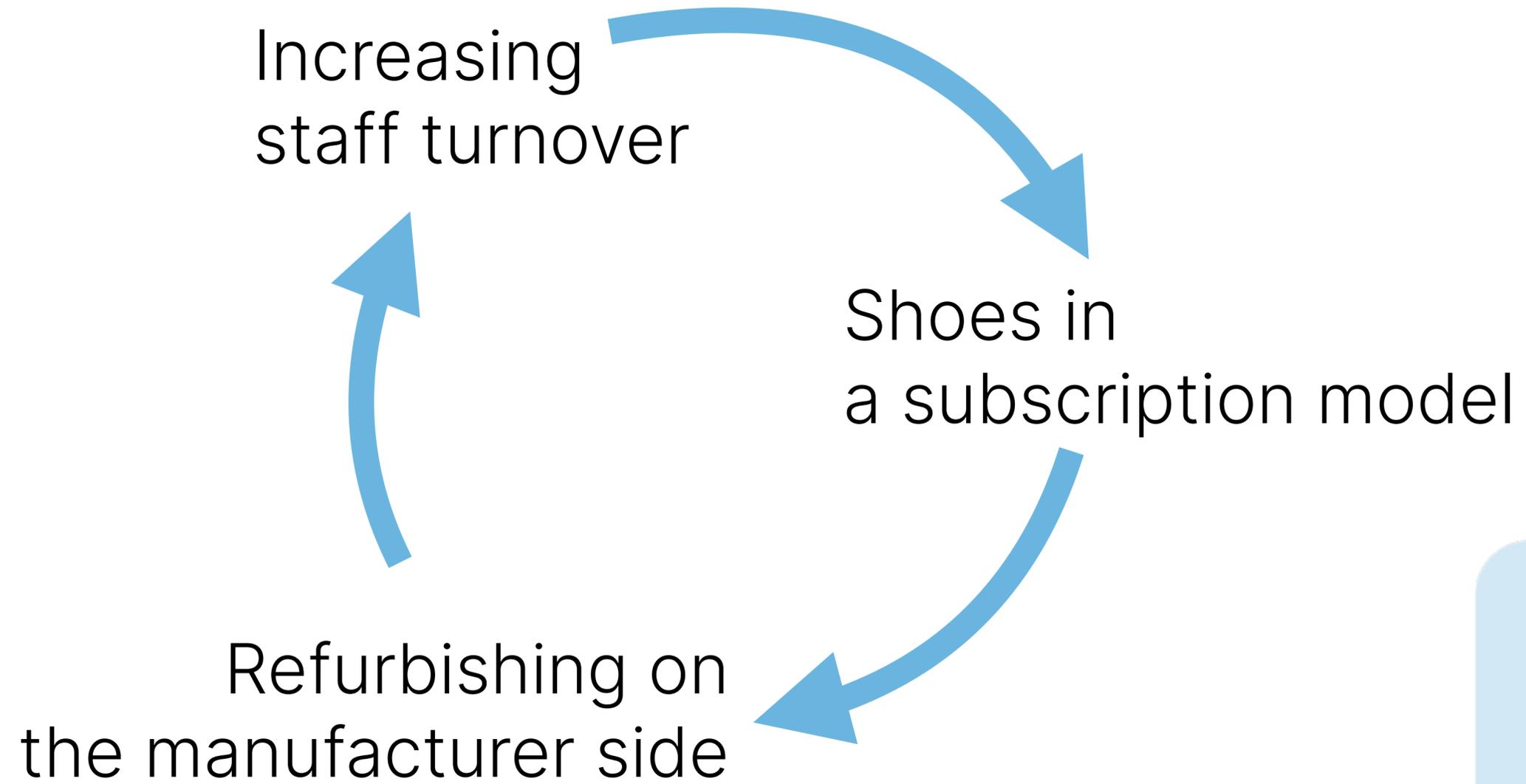




Digital Twin }



{ Real business case }



Strategy foundation



Operational Digital Twin }-----



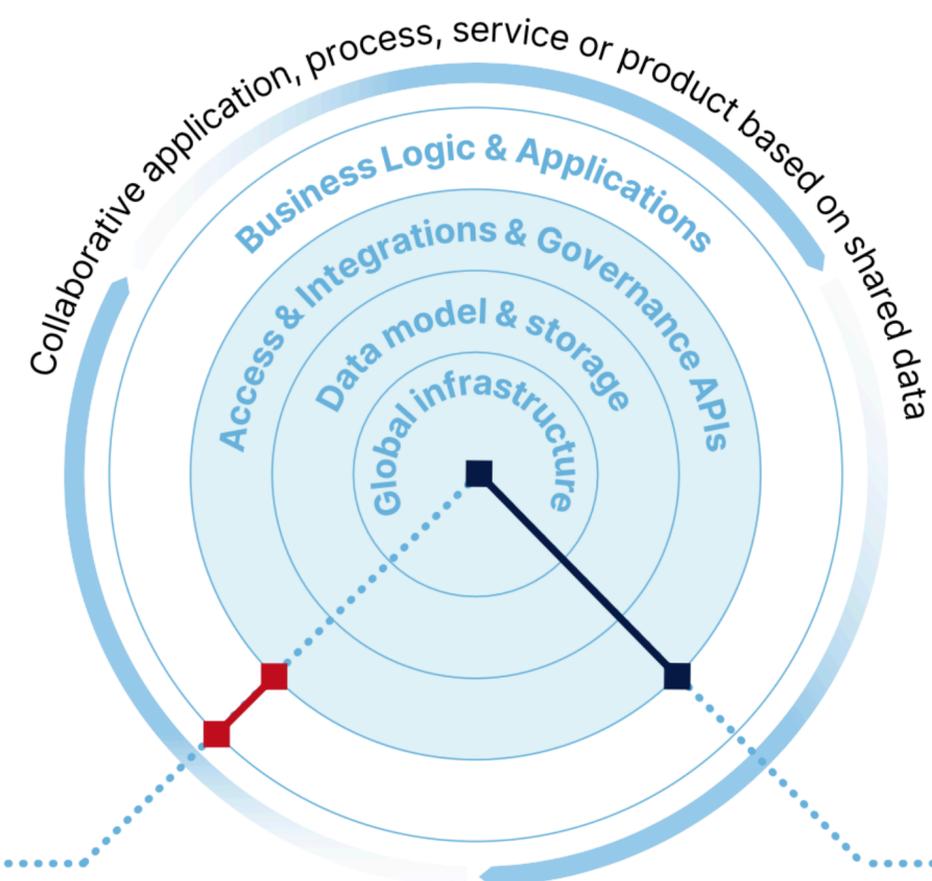
{ Future benefits }

- Unlock new services in the future
- Lower production costs
- Sustainability management



{ Challenges }

- PoC within 1-3 months
- ROI in 6-9 months
- Not an IT company
- Not to deal with IT infrastructure and maintenance
- Not to deal with integrations



Digital product to be developed by the customer

Trusted Twin API-first data collaboration solution

POC in 1-3 months
ROI in 6-9 months



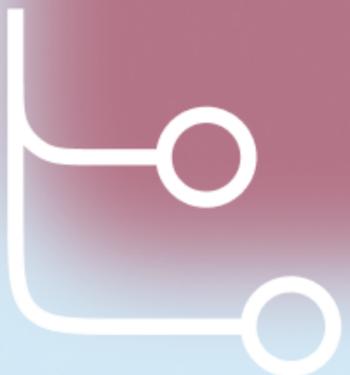
Phase 1 } }



Create Digital Twin
(the ERP system supplier)



Place Electronics
(The supplier of IoT devices)



Phase 1



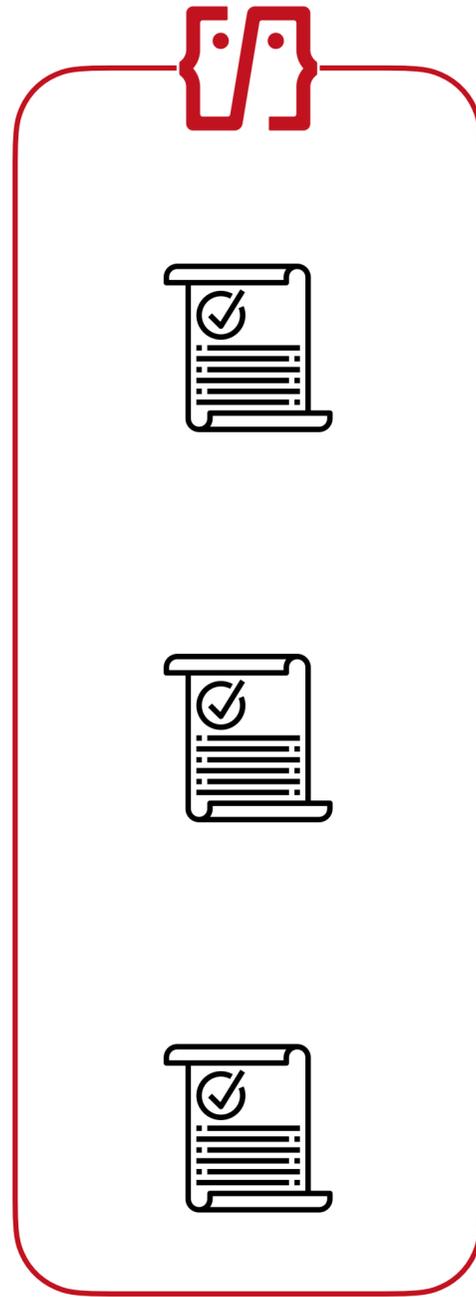
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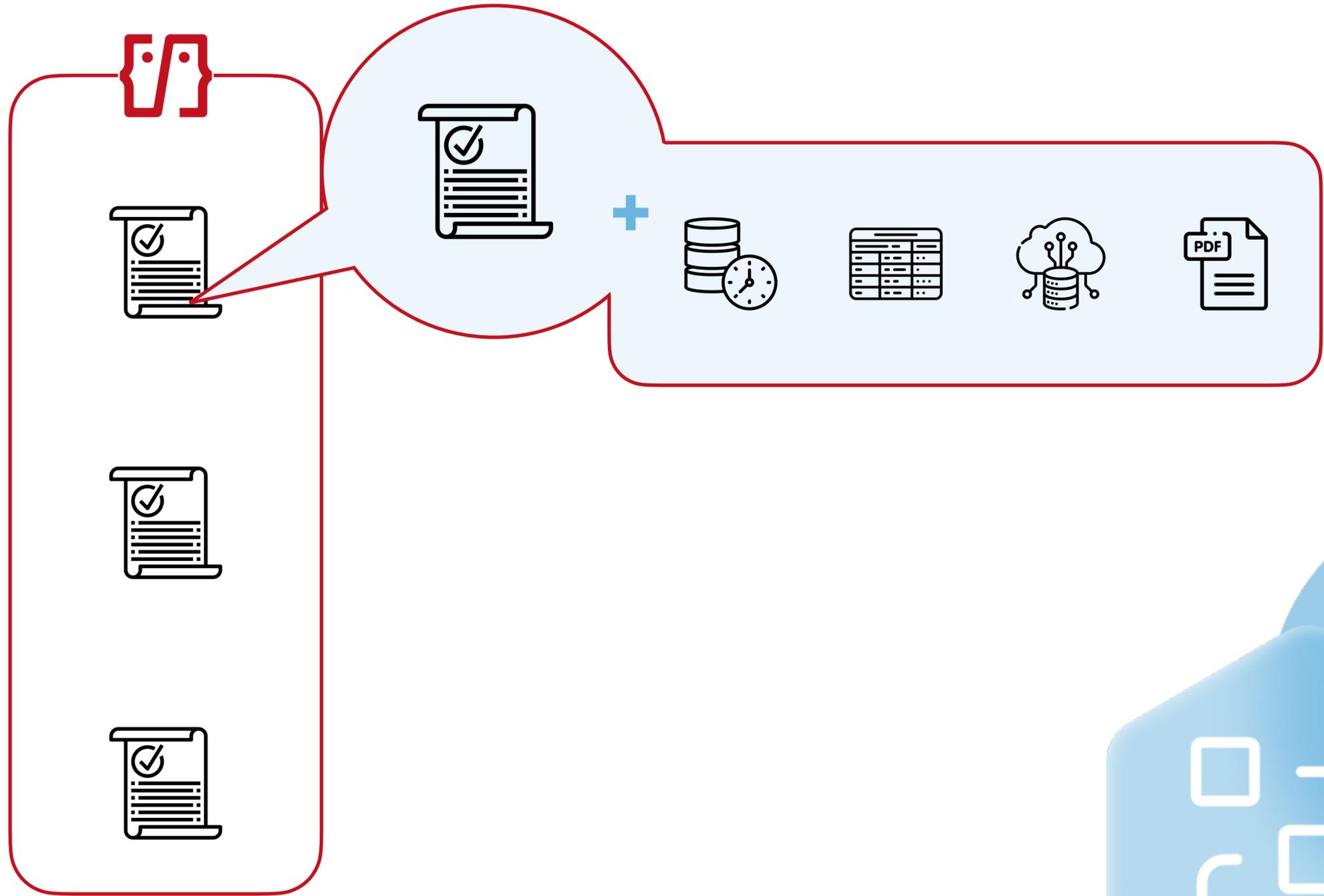
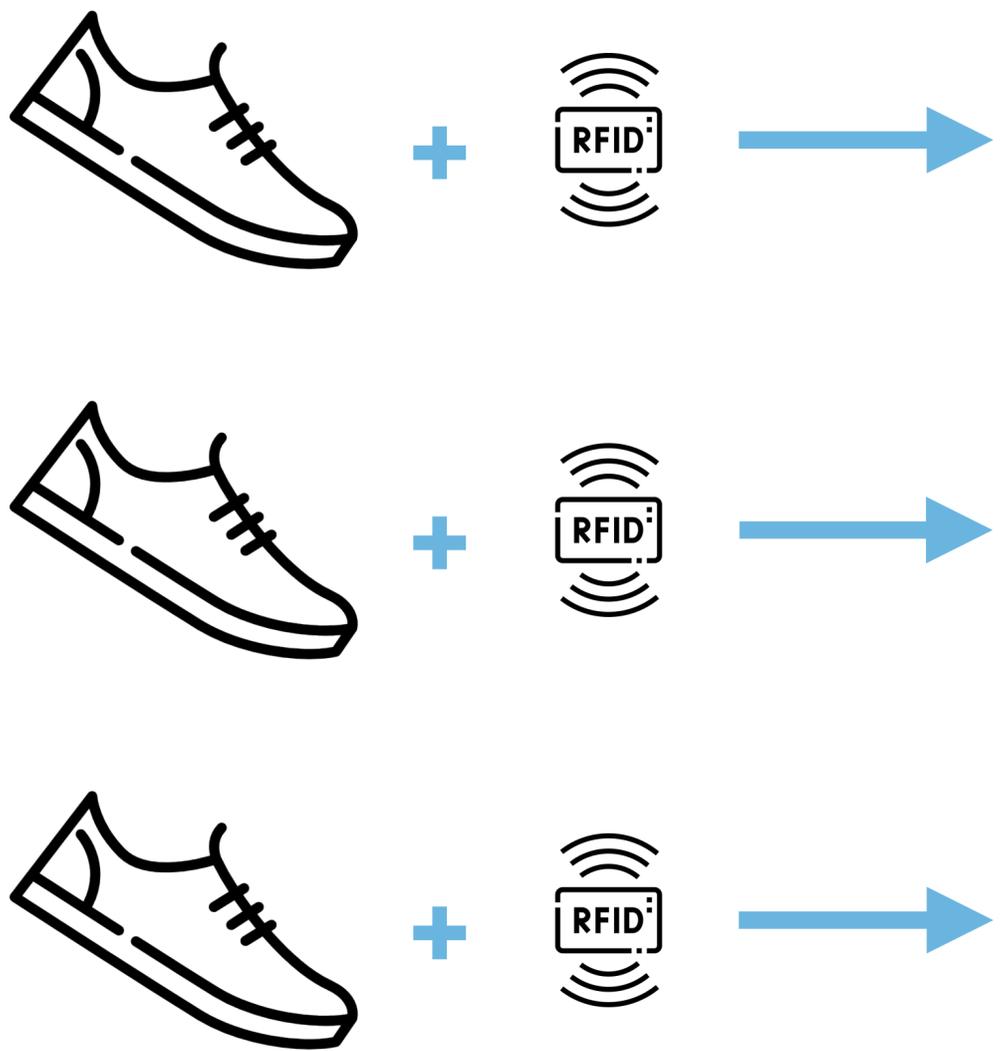
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Phase 2



{ Trusted Twin platform: }

- a data sharing layer,
- ensured data storing and sharing, data access and visibility management,
- open integrations.





POC DELIVERED ON TIME

{ €1 = lifetime cost of one twin }



THANK YOU!

{ Marcin Kowalski }

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