



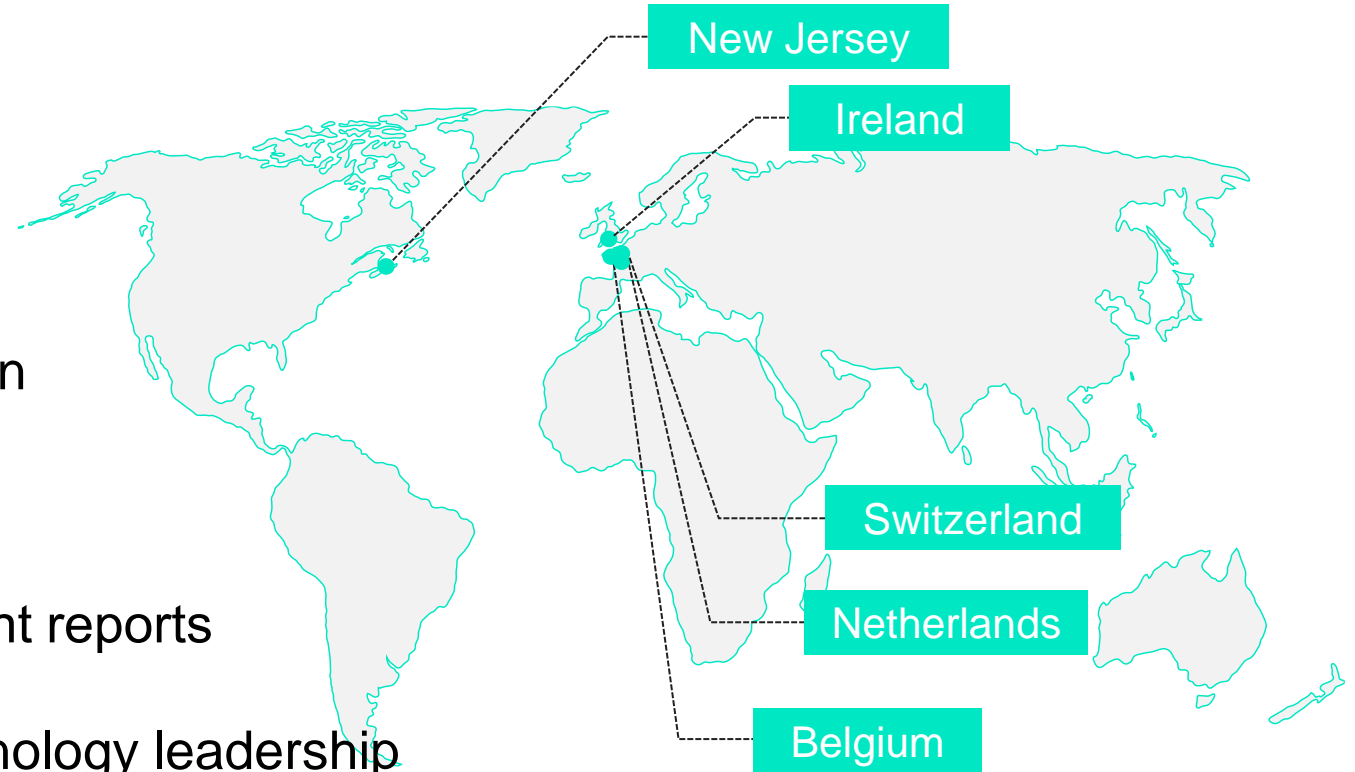
DIGITAL SUPPLY CHAIN TWIN

Powering the next generation of supply chains



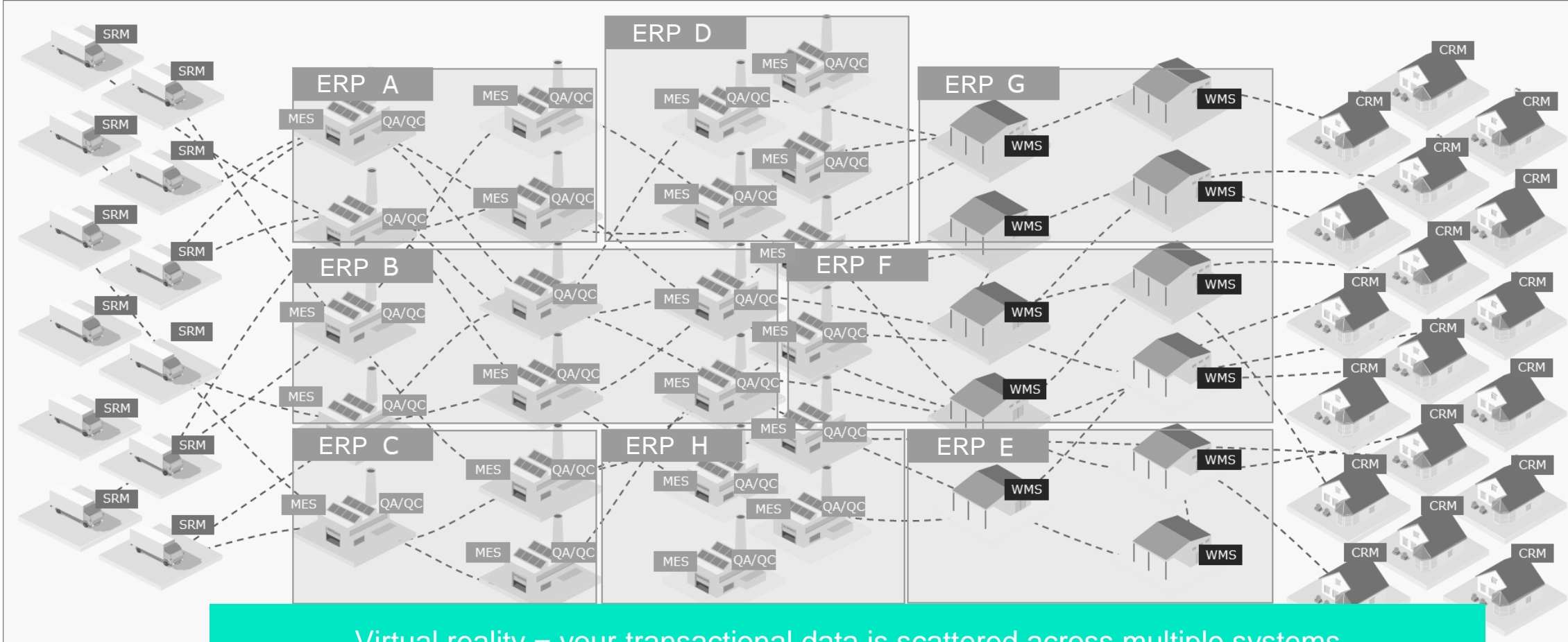
X axon

- Part of Bluecrux eco-system
- SaaS solution founded in 2018
- Digital supply chain twin solution
- Global coverage from US & EU
- 6x mentioned in Gartner's recent reports
- Experienced supply chain technology leadership



Why do you need a digital supply chain twin?

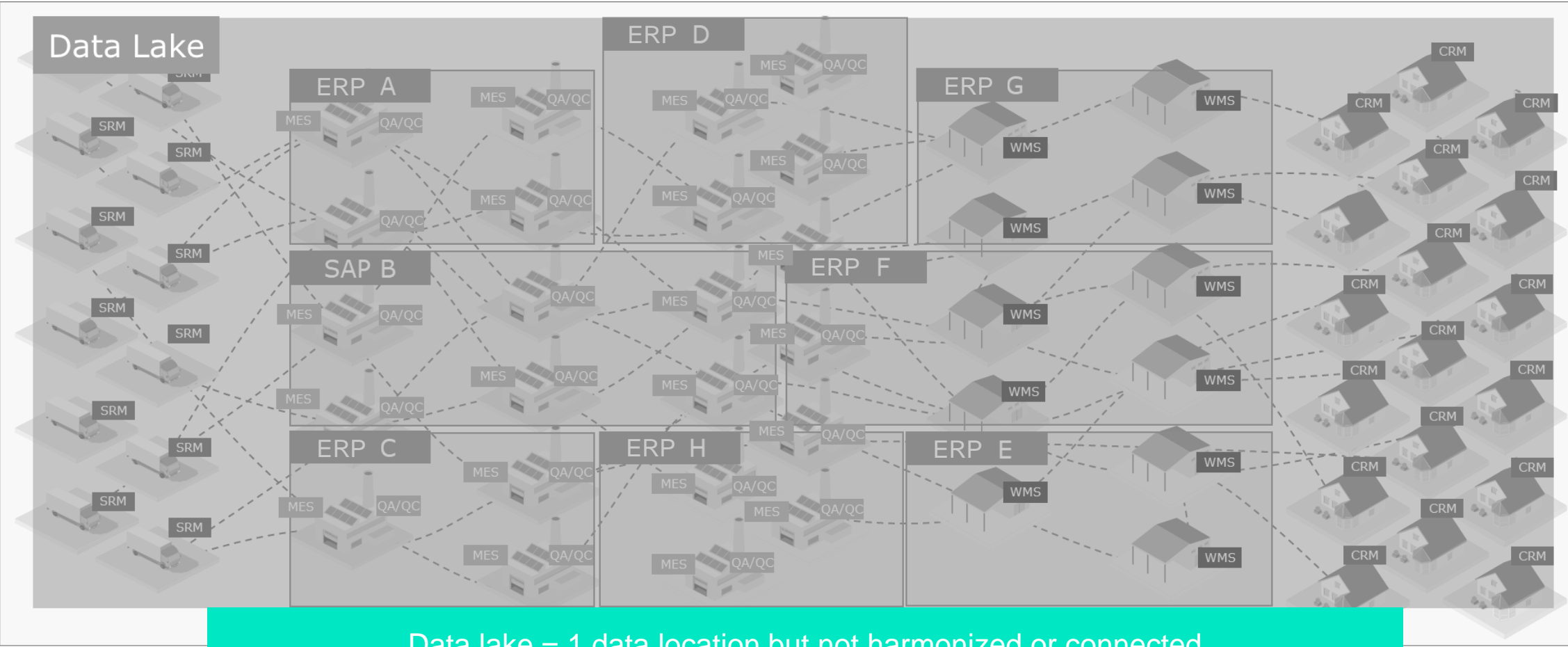
Rapid increase in complexity, variability and uncertainty forces supply chains to adapt their operations to become more resilient than ever before



Virtual reality = your transactional data is scattered across multiple systems

Why do you need a digital supply chain twin?

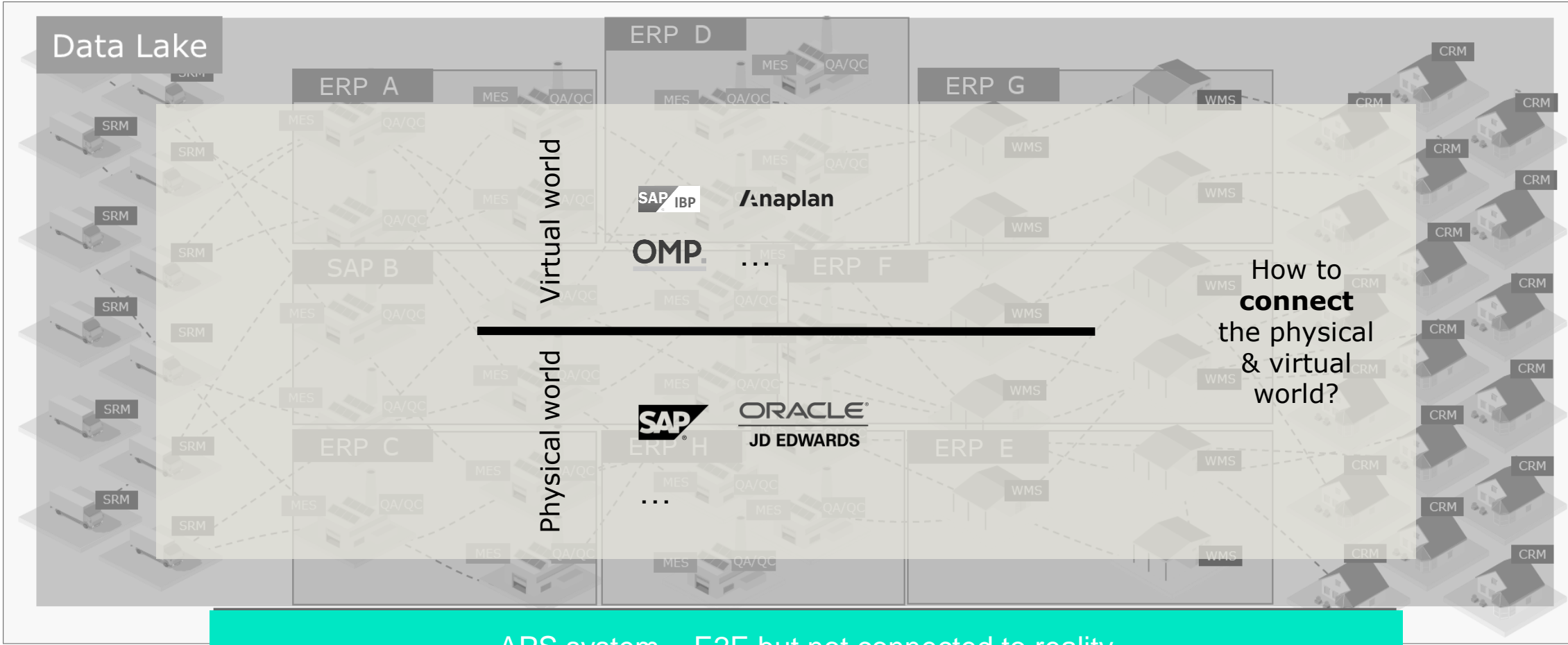
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Data lake = 1 data location but not harmonized or connected

Why do you need a digital supply chain twin?

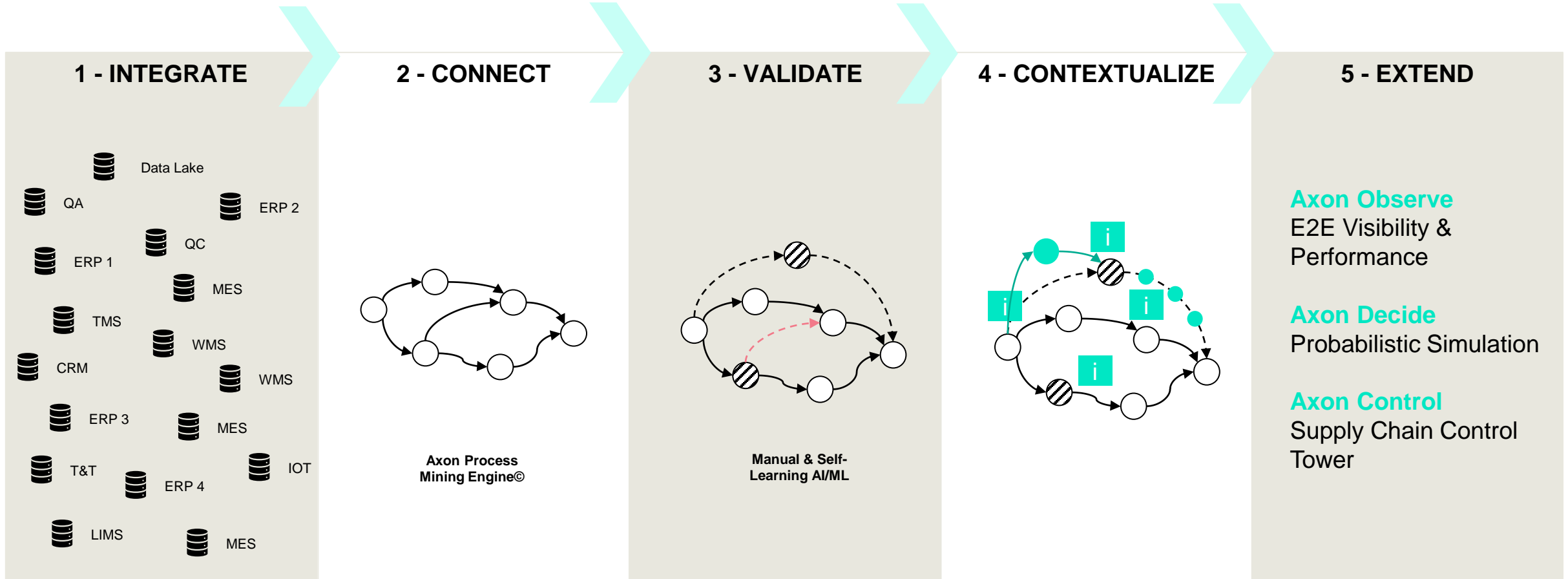
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APS system = E2E but not connected to reality

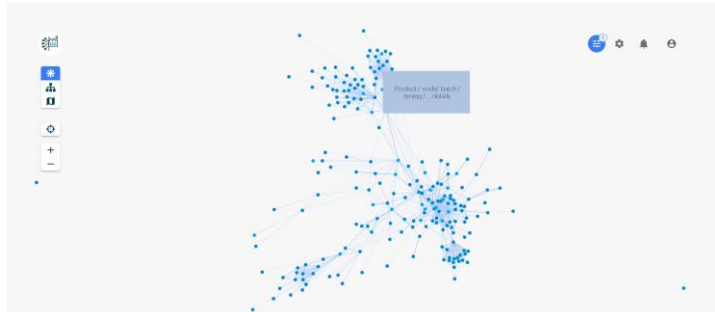
A 5-step approach to build up your digital supply chain twin

The combination of breadth (E2E) & depth (most granular transactional level) makes Axon unique in the market



What can the Axon digital supply chain offer you?

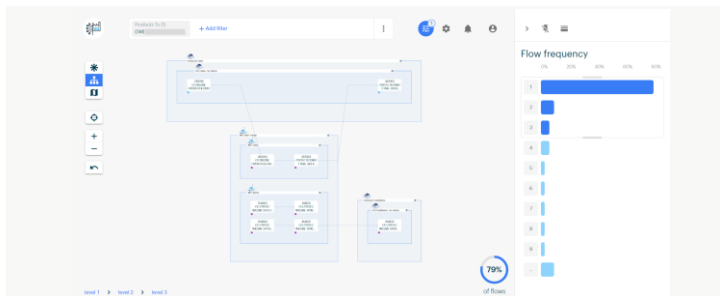
Axon is a SaaS software, by Bluecrux. It creates a smart digital representation of your physical SC based on granular data. It provides insights in the past, current & future behavior and performance. It monitors trends & variability. And simulates the impact on goal attainment.



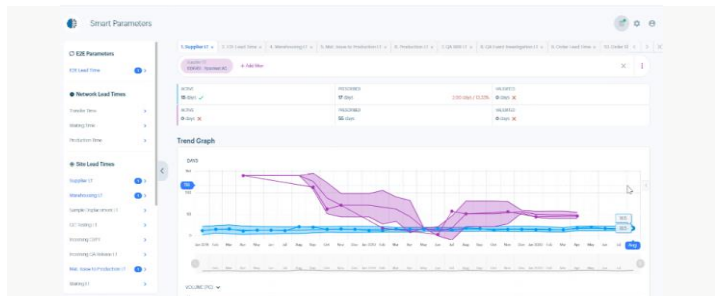
Supply chain data harmonization
Harmonize & link products, batches, customers,...



Supply flow identification
Build-up E2E product flows from transactional data



Supply flow frequencies
Discover different flow variants, frequency of use, shortest LT



E2E smart parameters
Detect E2E parameters & variability (supplier LT, capacity, ...)



Probabilistic simulation
Estimate the probability to execute

*A demo can be organized upon request

Customer cases

Axon provides value across multiple use cases, for multiple stakeholders and for specific industries

	LIFE SCIENCES	LIFE SCIENCES	CPG	CHEMICALS
	Connected visibility across the E2E supply chain & departments	Turbocharging the APS with smart planning parameters	Probabilistic capacity planning & risk identification	Increased reliability by supply chain variability reduction
KEY STAKEHOLDERS	<ul style="list-style-type: none"> Digital Strategy Operational Excellence Finance, Compliance, Product Portfolio, Complaint handling, etc. 	<ul style="list-style-type: none"> Global Planning Planning Master Data Quality, transportation, manufacturing 	<ul style="list-style-type: none"> Global Planning Product Category Data Science & Analytics 	<ul style="list-style-type: none"> Operational Excellence / Lean Manufacturing Quality
BUSINESS CHALLENGES	<ul style="list-style-type: none"> Can we create visibility on E2E brand and material flows across systems; without high SME interaction? Can we link data across IT systems which are not harmonized? Can we create a supply chain reference model across departments 	<ul style="list-style-type: none"> Planning master data definitions are not standardized across the E2E network Planning master data values are not available or not accurate or not maintained Risk that the output plan of the APS system will not be executable due to the data Challenge to enforce data governance due to the high efforts that are required 	<ul style="list-style-type: none"> How can we incorporate the true supply variability & demand uncertainty in capacity planning? How can we set the right capacity buffers balancing SC risk, while optimizing service level and costs 	<ul style="list-style-type: none"> Can we centrally monitor the observed supply chain performance & track the adherence to our standards and/or SLA's? Can we pro-actively monitor variability and increase the reliability towards internal & external customers? Can we automatically detect anomalies?
VALUE DELIVERED	<ul style="list-style-type: none"> +400 stakeholders get E2E visibility 1-10% time saving / reinvestment per FTE Cross-department collaboration 	<ul style="list-style-type: none"> +20M USD Inventory Reduction 1x/year -> 1x/month data syncs Right capacity sizing (avoidance of unnecessary expansion / reduction of avoidable costs) 	<ul style="list-style-type: none"> 5-10% reduction in manufacturing cost by avoiding (expensive) last-minute overtime labour 2-5% reduction working capital by reducing unnecessary inventory prebuild Increased service level by avoiding stock-outs by anticipating variability correctly 	<ul style="list-style-type: none"> Schedule adherence from 65% to 80% Reduction in avg mfg lead time deviation from 5 to 2 dys Reduction in avg e2e lead time from 115 to 90 dys



Join the cutting X

Let's forge the value chains that change the world

