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Your AI is Only as Smart as Your Data

David Warnock

October 5, 2026

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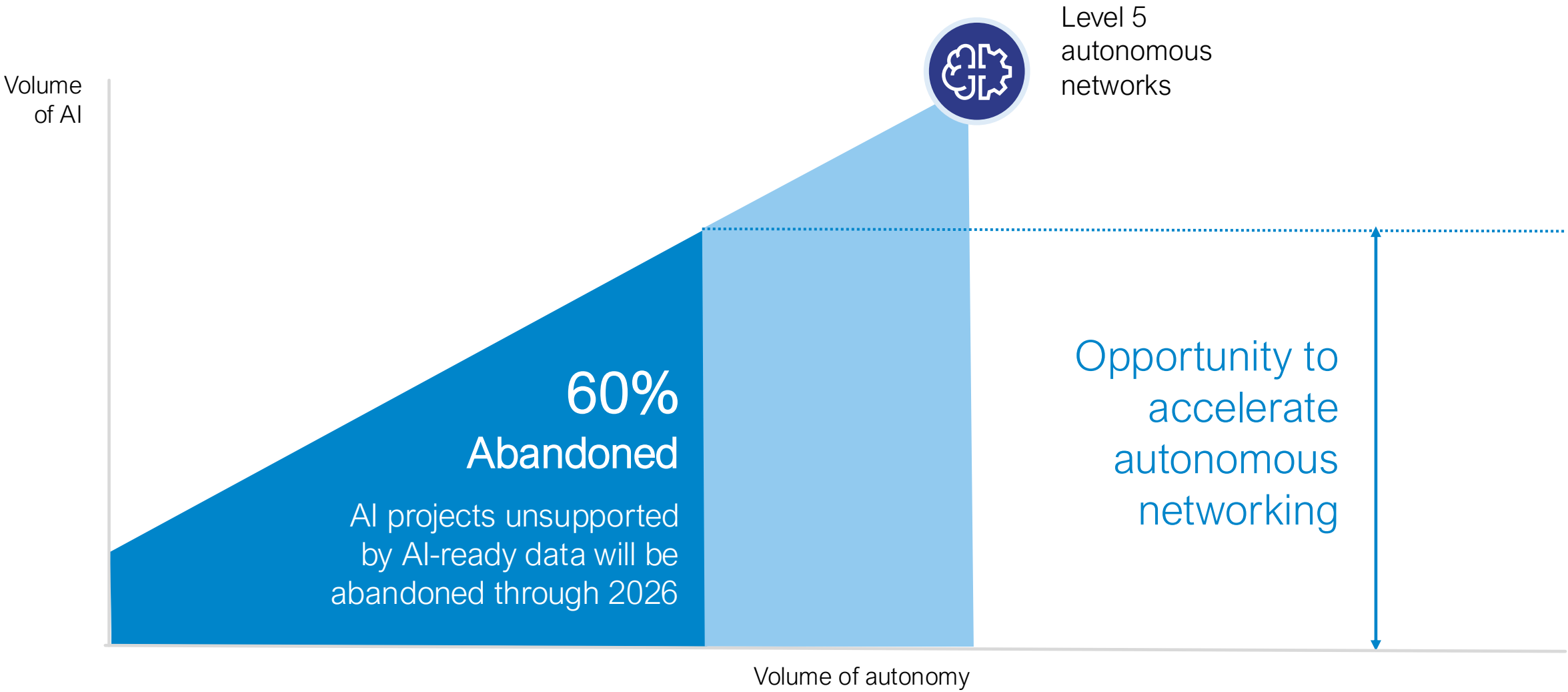
Confidently wrong is the default

"I asked ChatGPT to make me a map of the UK showing Scotland, Wales, Northern Ireland, the north of England, the Midlands and the south of England. I knew instantly it was wrong, but the longer I look at it the more wrong it becomes."

Source: widely shared social media post. Image generated by a public AI assistant.

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If AI is key to empower the autonomous networking journey, why are CSPs failing to scale?



Source - Gartner

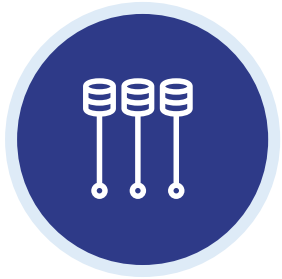
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Data alone isn’t the answer

AI can reason because relationships exist.

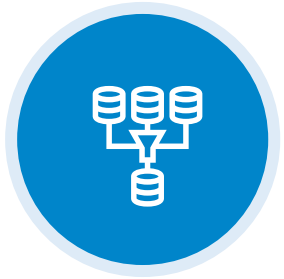
Impact on AI



Trusted data

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Reliable decisions



Connected data

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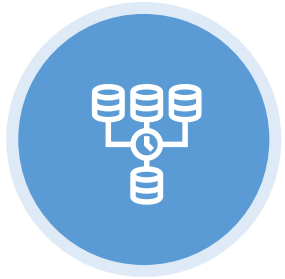
Correlates across domains



Operational context

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Reasons with relationships in mind



Lifecycle awareness

↓

Acts on current state

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The power of ontology

Defining the meaning of data so AI can understand the network

- Inventory Model
- Service Model
- Graph Model
- Operational Ontology
- Common Reasoning Layer



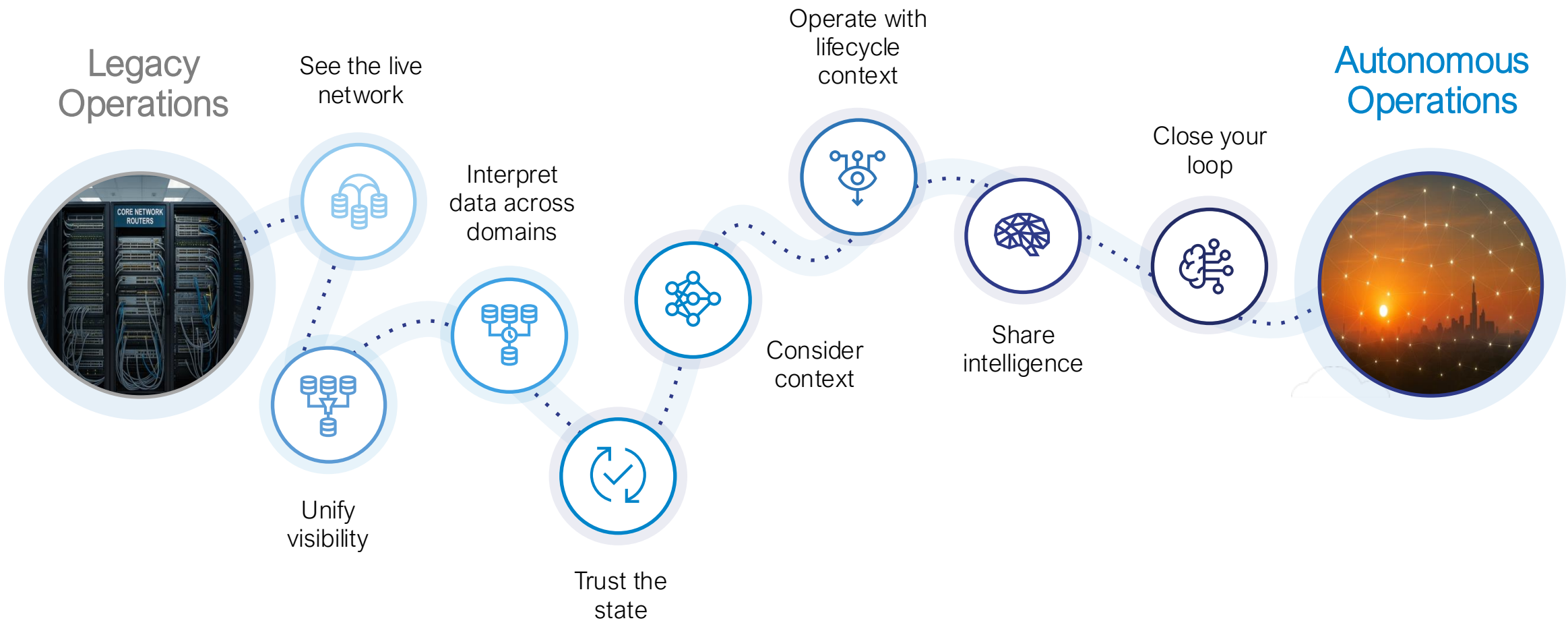
Ontology enabled intelligence

- What data means
- How network behaves
- What actions are possible

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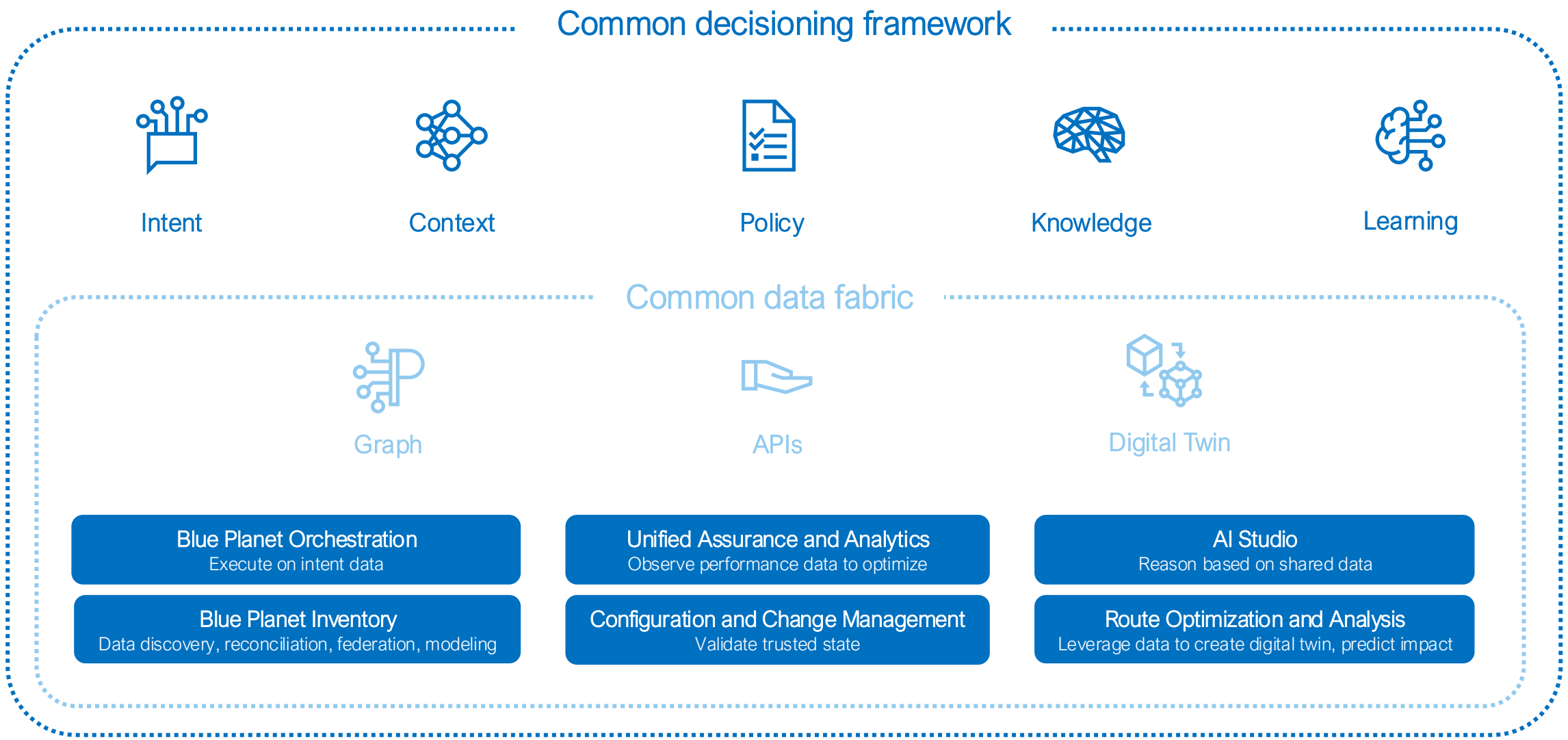
Every autonomous decision begins with shared intelligence



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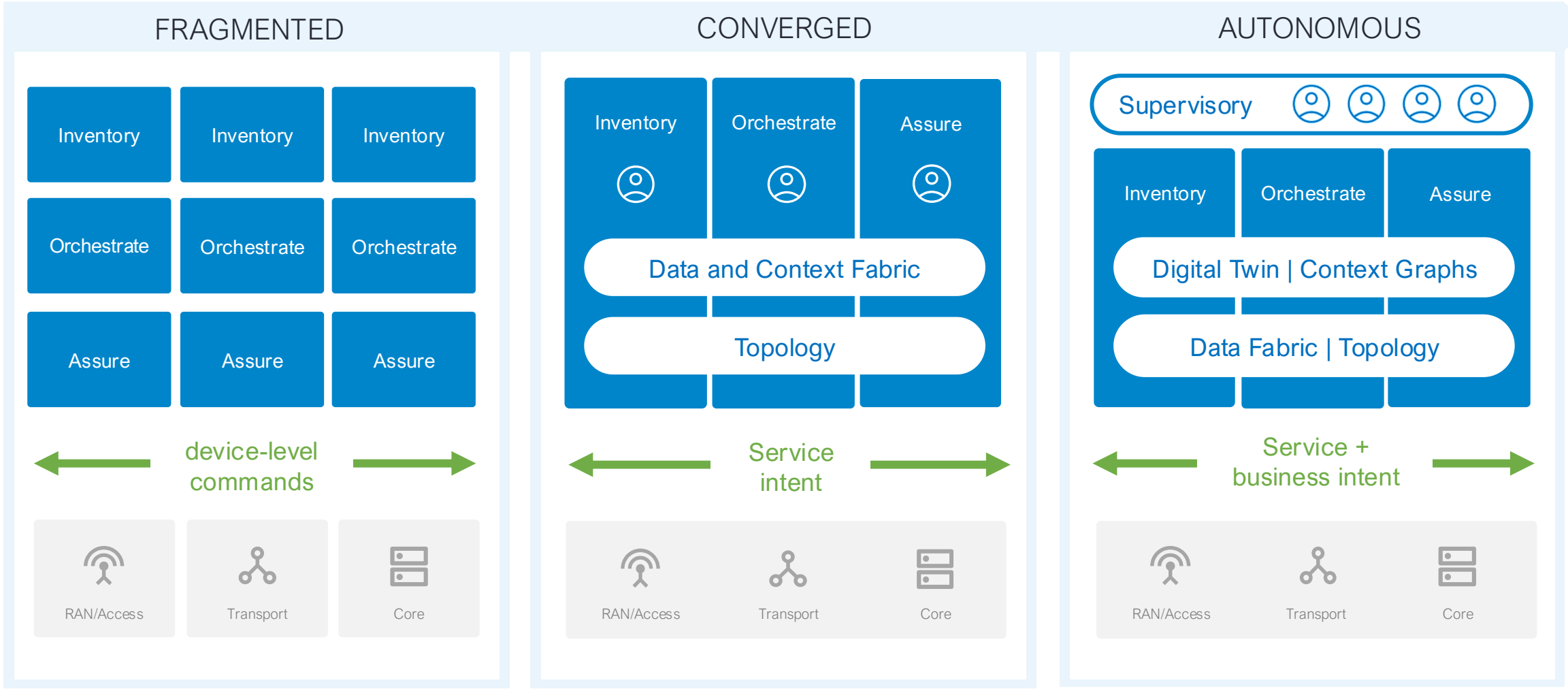
A portfolio to enable robust data management



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The goal is not more automation. It is business-aware operations.



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Five questions to take back to your AI roadmap

- Can our AI explain where its data came from?
- Do we trust the state, or just the telemetry?
- Do we clean data once, or in every silo?
- Is our data connected, or just collected?
- Can an agent reason over what our data means?



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Thank You

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