

Scaling Smart Building Services with AI

Use AI to Deploy Faster, Operate Smarter, and Scale Services

The Problem

Most building data wasn't designed for scale, or AI.

Teams still spend too much time:

- Manually modeling points
- Cleaning inconsistent naming
- Reconciling disconnected systems
- Searching for missing context
- Relying on labor-heavy workflows to scale deployments

Connectivity alone doesn't make a building AI-ready.

Trusted context does.

The Shift

From Connected Systems to Connected Intelligence

AI is only valuable when it understands:

- What assets exist
- How they relate
- What data can be trusted
- What "normal" looks like
- What actions can be taken

That foundation starts with ontology.

→ What Changes with KODE

Ontology

The Foundation for AI-Ready Buildings

Turn Data Into Trusted Operational Context

Most buildings don't have a data problem. They have a context problem. Systems may be connected, but they often don't agree on reality. An ontology creates the structured relationships AI needs to reason effectively across building data.

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It helps define:

→ What equipment exists.

→ How operational events connect

→ How assets relate to one another.

→ What actions can be triggered

→ How data should be interpreted.

→ Accelerate Deployment with AI Point Modeling

Reduce Engineering Effort. Standardize at Scale.

Point modeling has traditionally been one of the most manual parts of deployment.

It helps define:

→ Reduce manual point tagging effort.

→ Scale deployments without scaling engineering teams.

→ Speed onboarding of buildings and systems.

→ Accelerate time to value.

→ Improve modeling consistency.

→ Why That Matters for AI Readiness

01 Standardize Data Across Systems

Normalize naming, structure, and relationships across vendors and buildings.

→ Reduce inconsistency.

→ Improve data quality.

→ Create a scalable system of record.

02 Give AI Context, Not Just Data

AI needs more than points and alarms. It needs context.

Ontology gives AI the relationships needed to understand:

→ Asset behavior.

→ Dependencies.

→ Root cause relationships.

→ Operational intent.

That's what enables trustworthy outputs.

03 Make AI Outputs Actionable

Without context, AI gives answers. With ontology, AI can support action.

Enable:

→ Fault explanation.

→ Recommended next steps.

→ Intelligent issue triage.

→ Guided operator workflows

→ Digital workers and automation

→ From Data Foundation to Digital Workers

Move from Monitoring Systems to Assisting Teams

Once data is modeled and contextualized:

AI can help:

→ Support operators with guided decisions.

→ Automate repetitive operational tasks.

→ Surface issues humans may miss.

→ Enable digital workers across workflows.

Move from reactive response → continuous alignment.

→ The Business Impact

Deploy Faster

→ Reduce modeling effort.

→ Speed implementation.

→ Improve margins.

→ Scale delivery.

Operate Smarter

→ Reduce manual analysis.

→ Improve decision speed.

→ Increase consistency.

→ Create New AI-Enabled Services

Build higher-value offerings around:

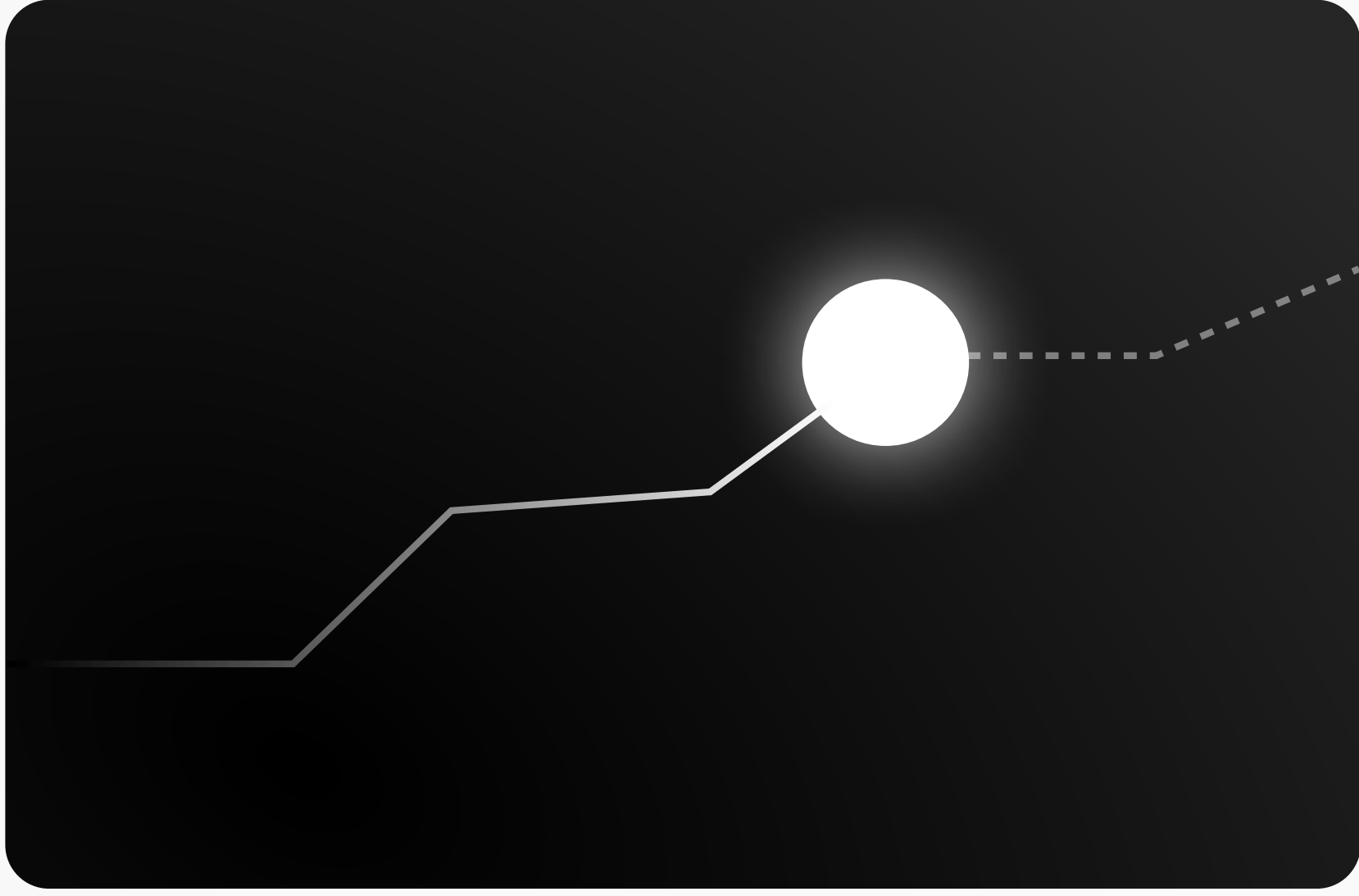
→ AI-assisted diagnostics.

→ Data modeling acceleration services.

→ Intelligent optimization services.

→ Digital worker-enabled managed services.

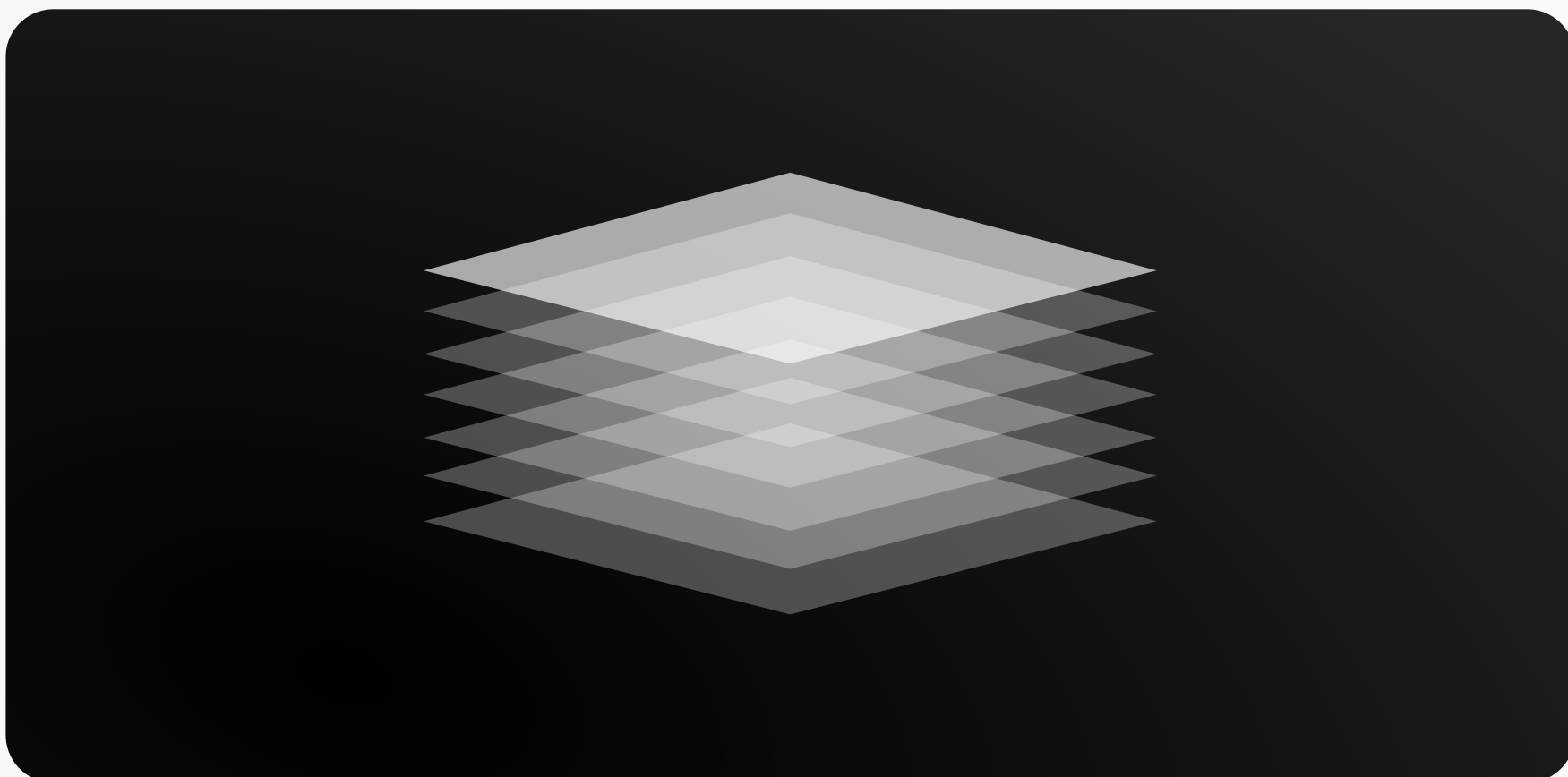
Differentiate Your Offering



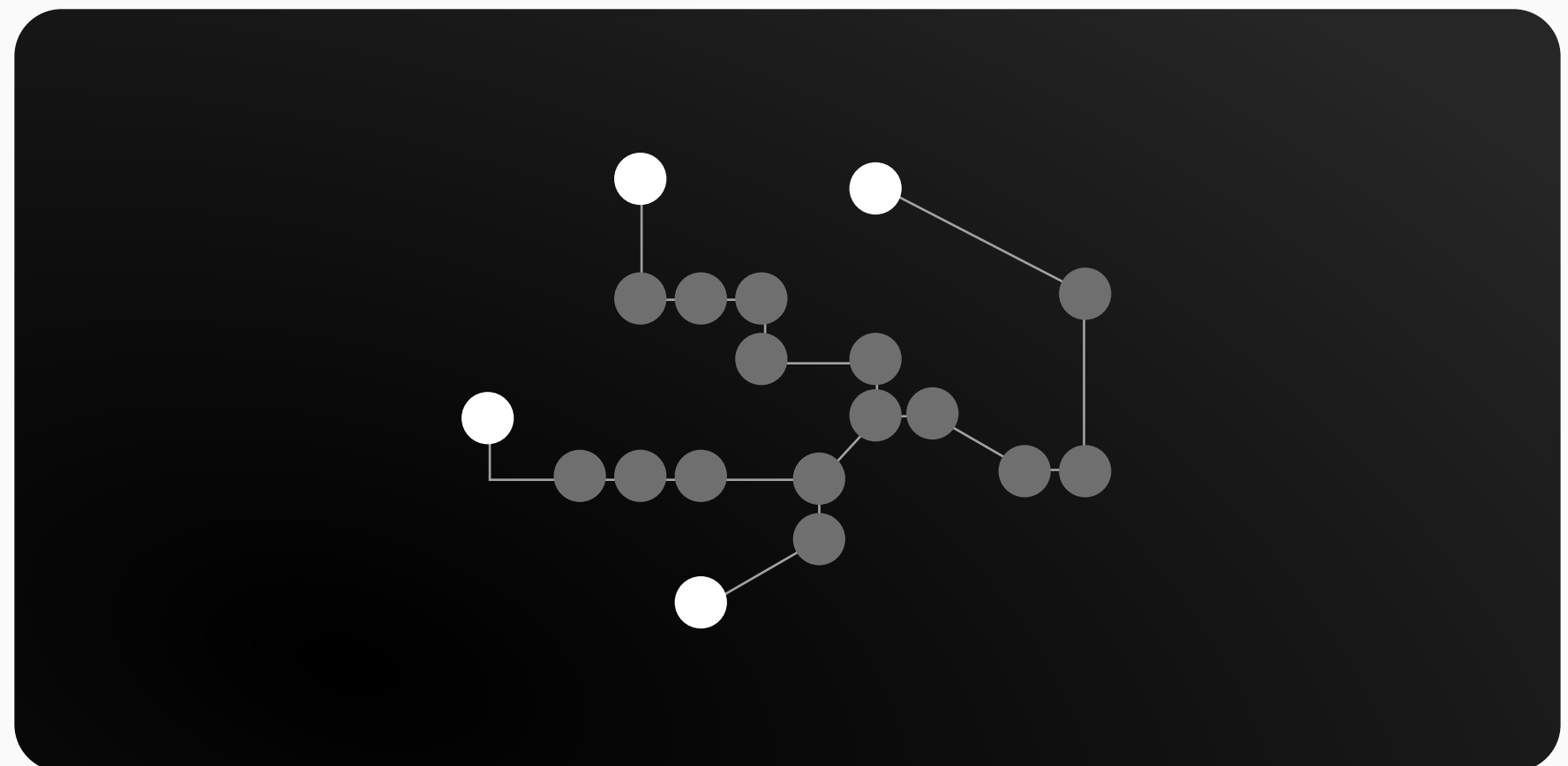
Move beyond
“We connect systems.”
Lead with intelligence.

→ AI readiness starts
with three things:

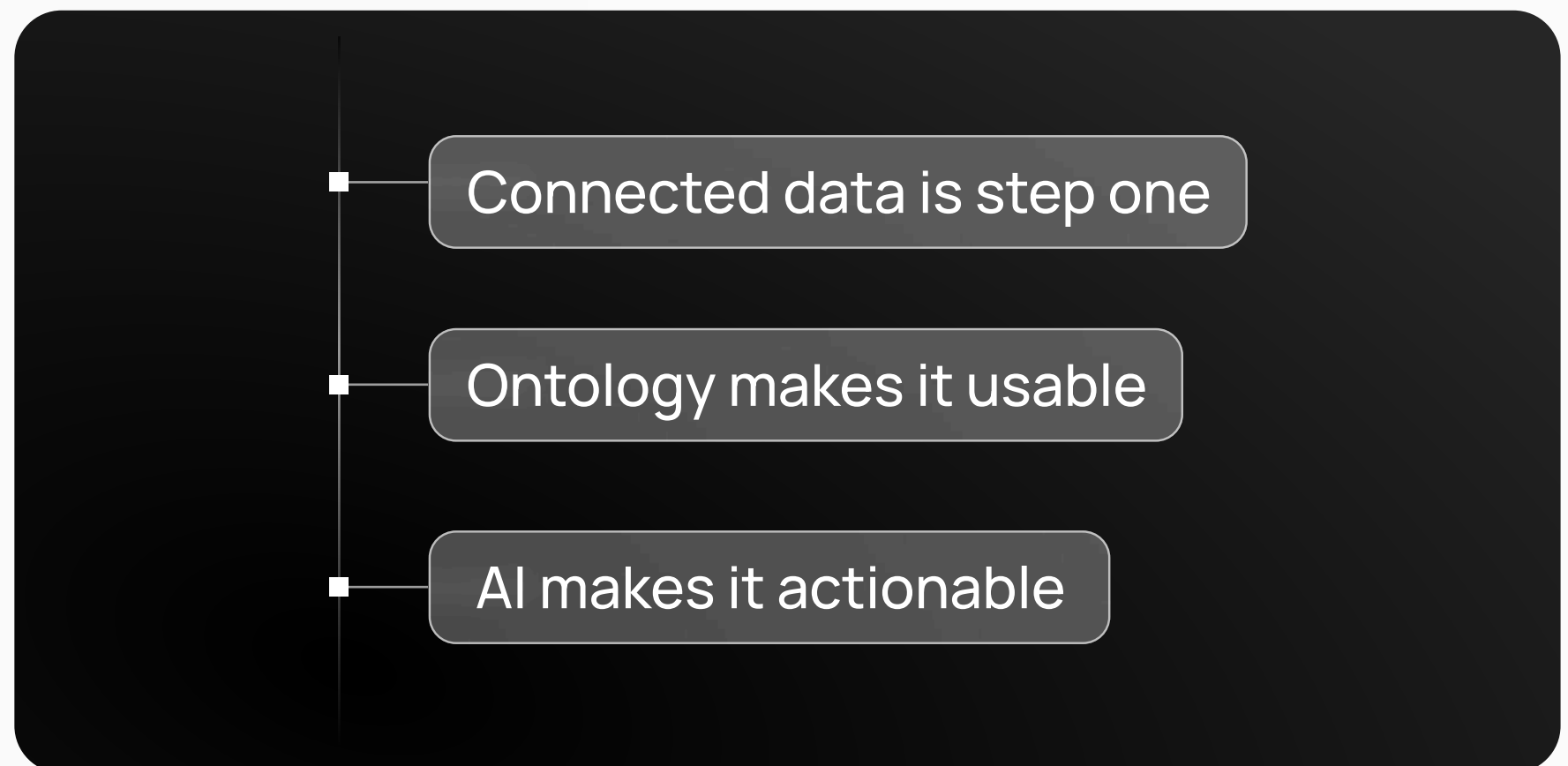
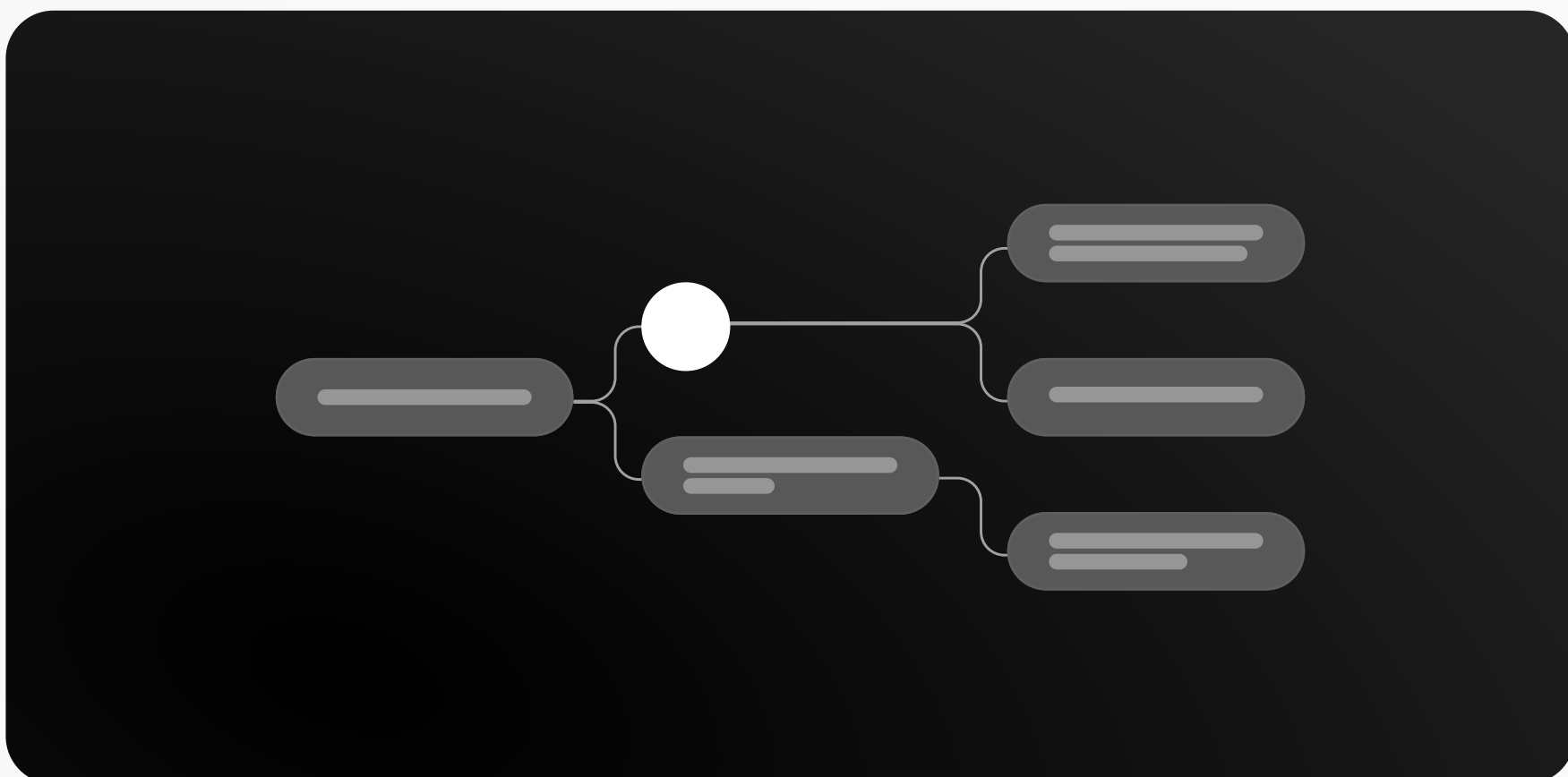
Structured Data
Through AI Point Modeling



Trusted Context
Through Ontology



Operational Intelligence
Through AI Workflows and
Digital Workers



See it in Action