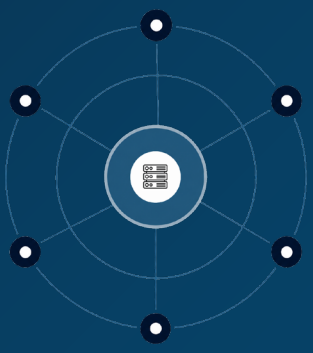
TRACE3

AI FACTORY

AI is only as good as its foundation.

Most were never built for it.



An AI Factory needs more than infrastructure. Trace3 brings together the AI Factory stack, from compute, storage, networking, and data center infrastructure to software, Orchestration, and automation. Trace3 delivers the stack with OEM partners through Data Team as a Service (DTaaS), with Digital team collaboration for initiatives higher in the stack.

Chip to rack

GPU compute, storage, networking, and data center infrastructure as one system.

Lab-validated

Prove the architecture in the Trace3 AI Lab before you invest.

Battle tested

Sized for training and inference, measured by cost per token.

From Data Center to AI Factory

Then: General-purpose IT — Compute → Storage → Uptime

Now: Intelligence at scale — GPU → Fabric → Software → Tokens

THE GAP

- 52% of AI projects never reach production, only 6% reach transformational maturity.
- Just 15% have AI-ready networks and 29% have AI-ready data infrastructure.
- Data centers lack the power density, cooling, and rack capacity AI demands.

THE OPPORTUNITY

- AI infrastructure becomes a $758B market by 2029.
- 88% of organizations use AI. Only 39% report measurable ROI.
- NVIDIA projects 15x return: a $5M rack producing $75M in tokens.

AI Factory Stack

Five layers, one delivery motion

1. **Compute** — **GPU clusters**
2. **Storage** — **AI-ready data infrastructure**
3. **Networking** — AI-ready fabric
4. **Software + Orchestration** — Runtime, automation, and governance
5. **Data Center** — Power, cooling, and chargeback

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