LYKEN.AI

Consulting + Infrastructure +
AI guidance + Outcomes

Everyone knows they need AI.
Few know how to make it work.

WHO IS LYKEN?

Canada's boutique AI consulting and sovereign infrastructure firm helping organizations solve real business problems with Practical AI.
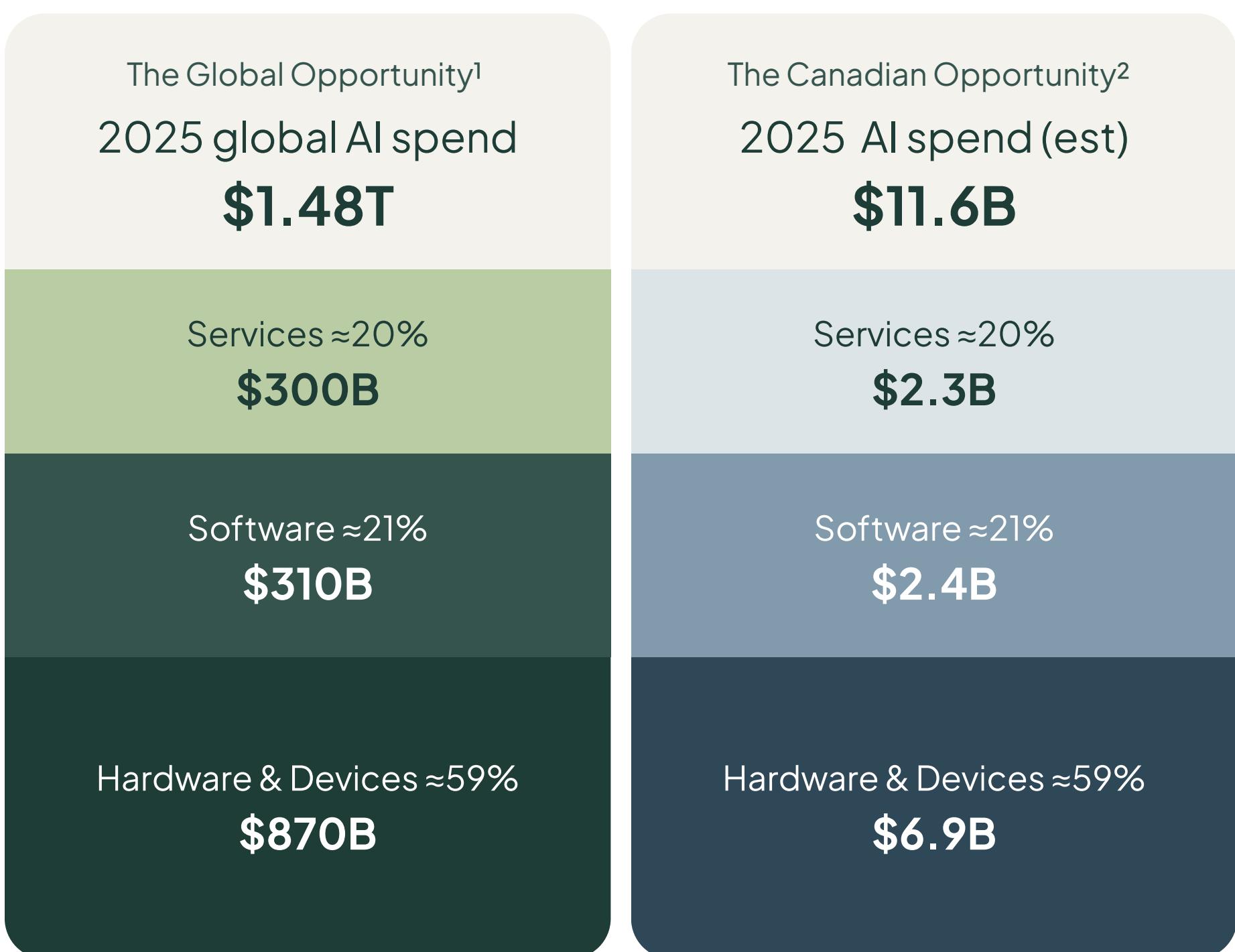
Backed by strategic partnerships with NVIDIA, Dell, and premier data center providers, we deliver a comprehensive service suite—from idea to complete implementation support.

Most AI initiatives get stuck between ambition and execution. We deliver solutions that align with what makes your business successful and drive measurable impact.

PARTNERS

DELL

NVIDIA.

NEBIUS

Chip Datacenters

SILVER BIRCH GROWTH

EXCEL

Alset

Blueprint AI

Earthmade Computer

The AI gold rush is **real**

Artificial Intelligence could reach upto **$19.9 Trillion** to the Global Economy through 2030 and Drive 3.5% of Global GDP in 2030.[3]

The Global Opportunity[1]

2025 global AI spend
$1.48T

Services ≈20%
$300B

Software ≈21%
$310B

Hardware & Devices ≈59%
$870B

The Canadian Opportunity[2]

2025 AI spend (est)
$11.6B

Services ≈20%
$2.3B

Software ≈21%
$2.4B

Hardware & Devices ≈59%
$6.9B

But here's the reality

- Organizations don't know where to start
- Unclear which solutions actually work
- Overwhelming noise and hype

THE AI CRISIS

70-85% of AI projects fail

8 months average to reach production (for the few that make it)[4]

Only 5% deliver meaningful ROI[6]

42% of companies abandoned most initiatives in 2025[5]

LYKEN.AI 2026

Why is that?

The difference between success and failure isn't the technology—it's the approach.

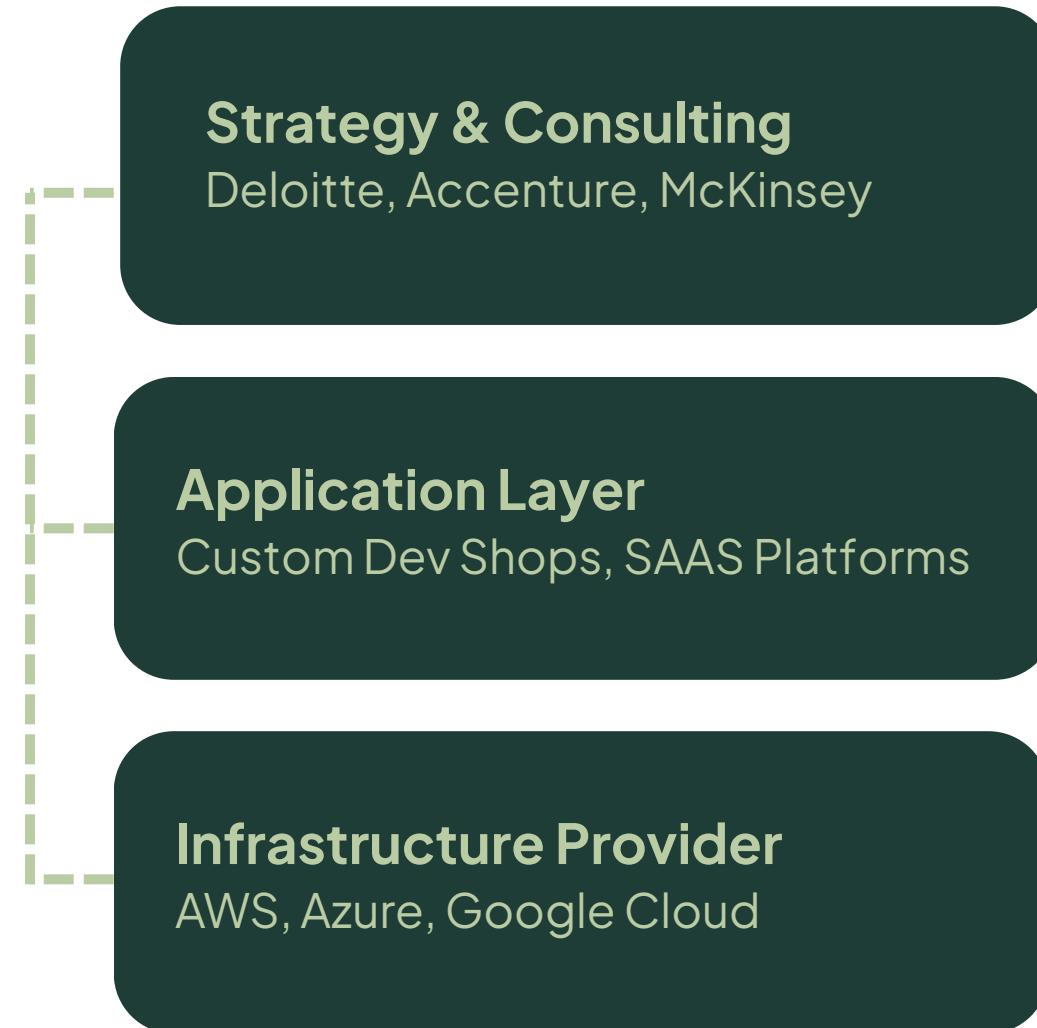|	
Unrealistic Promises	**Transformation theater, not business value**
Technology-First	**Chasing tools, not solving problems**
Poor Foundations	**Bad data, no governance**
Generic Expertise	**Consultants who demo well but can't scale**
No Clear Path	**Stuck in pilot purgatory**

The Fragmentation Problem

WHEN OWNERSHIP IS SPLIT, ACCOUNTABILITY DISSAPEARS.

A TYPICAL AI
PROJECT IS
SPLIT ACROSS:

Strategy & Consulting
Deloitte, Accenture, McKinsey

Application Layer
Custom Dev Shops, SAAS Platforms

Infrastructure Provider
AWS, Azure, Google Cloud

Everyone owns a piece. No one owns the **outcome**.

"We built what was scoped. Talk to your cloud provider."

"The platform is working. Talk to your consultant."

THE CLIENT

"Not us. Talk to your software provider."

The challenge is moving from AI vision to reality.

Traditional AI initiatives often focus on transformation – reimagining entire enterprises with AI.

Practical AI focuses on progress - solving specific problems with measurable outcomes. Problem-first, production-ready, results-driven. Both start with good intentions. One consistently delivers working solutions.
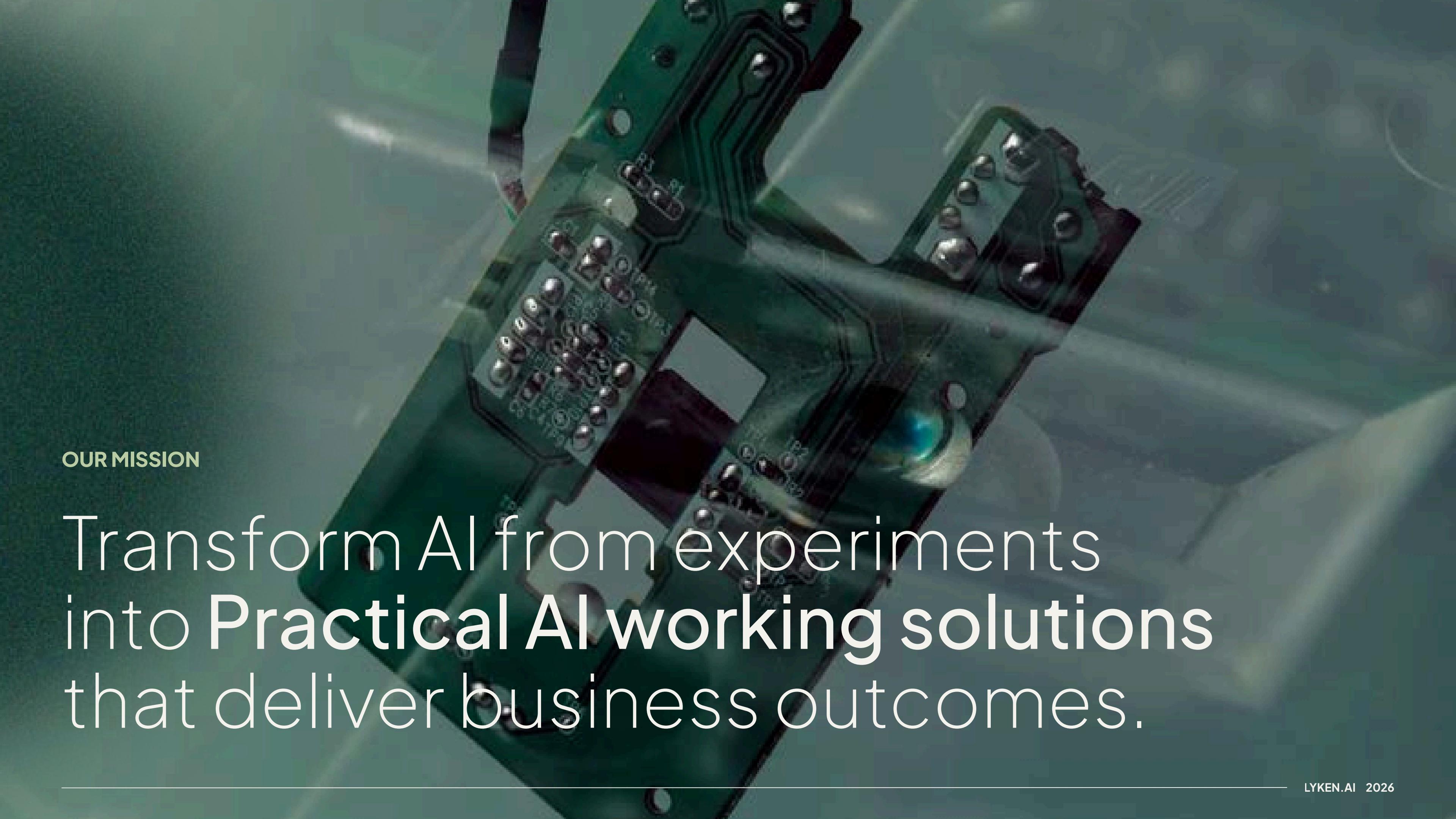
WHAT SETS US APART

The Lyken difference

Traditional / Transformative AI

- Enterprise-wide transformation initiatives

- Technology-first: "Let's use AI" everywhere

- Proof-of-concepts that never reach production scale

- Vague innovation metrics

- Hyperscaler infrastructure (foreign jurisdiction)

- Generic consulting firms

Practical AI, Powered by Lyken

✓ Targeted solutions tied to business goals

✓ Problem-first: "What are we trying to solve?"

✓ Production ready solutions with proven scalability

✓ Clear ROI and measurable results

✓ Local data centers (aligned with local sovereignty rules)

✓ Specialized AI consultants + infrastructure experts + full ownership

Transform AI from experiments into **Practical AI working solutions** that deliver business outcomes.

Most providers offer one. Lyken delivers all three—integrated and accountable.

The Lyken Solution

01. EXPERT CONSULTING
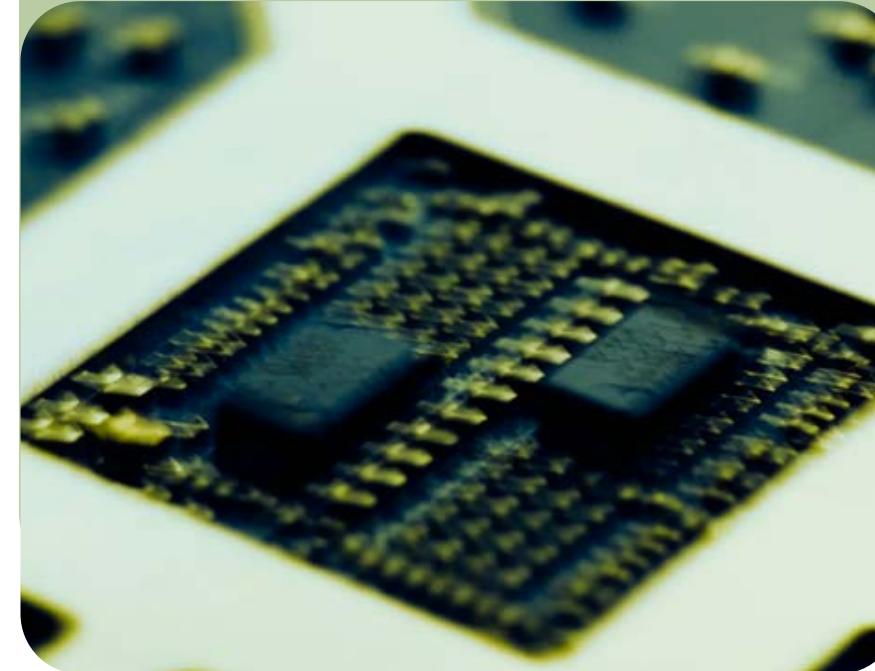Problem-first approach that prevents failure

- ✓ Honest assessment of readiness and fit
- ✓ Data validation before significant investment

02. PRODUCTION-GRADE SOFTWARE
Enterprise AI tools that actually work

- ✓ Specialized solutions (Healthcare, Automotive, Analytics)

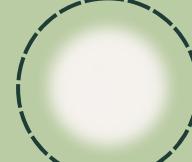## 03. SOVEREIGN INFRASTRUCTURE
Locally-owned and operated foundation

- ✓ Subject only to Local Sovereignty and Data Residency law

PILLAR 1

Expert Consulting: Your guide from concept to production

Why Organizations Choose Lyken: We tell you what you need to hear, not what you want to hear. Even if that means walking away from revenue.

Strategic Roadmapping
- Clear business objectives and ROI targets
- Pilot with purpose (not endless POCs)
- Production deployment planning
- Change management support

Discovery & Assessment
- What problem are we actually solving?
- Is AI the right solution?
- What's your current data readiness?
- Honest evaluation of timeline and investment

Data Readiness Validation
- Quality assessment
- Governance framework
- Integration planning
- Realistic foundation-building timeline

Implementation & Scale
- Dedicated specialized staff
- Knowledge transfer to internal teams
- Continuous optimization
- Production monitoring and support

PILLAR 2

Production-Grade Software: Tools That Actually Work

Why This Matters: One reason AI projects fail is using immature tools. We provide battle-tested, enterprise-grade software already proven in production.

Foundation
- NVIDIA AI Software Stack (industry standard)
- NeMo Framework for agentic AI
- Production-ready deployment tools
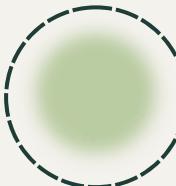- MLOps automation

Specialized Solutions
- Healthcare: Clara platform
- Automotive: DRIVE platform
- Video Analytics: Metropolis
- Decision Optimization: cuOpt
- AI Inference: Dynamo
- Agentic AI: Nemotron

Deployment Capabilities
- Model training at scale
- Real-time inference
- Edge AI deployment
- Continuous optimization
- Proven methodologies

Sovereign Infrastructure:
The Foundation That Won't Fail You

Why This Matters: Your AI is only as reliable as the infrastructure it runs on. And your data is only as secure as the jurisdiction protecting it.

Geographic Coverage
- Data centers: Ontario, Alberta, British Columbia
- Complete Canadian coverage and redundancy
- Data never leaves Canadian borders

Technical Foundation
- High-performance GPUs optimized for AI
- Ultra-low latency networks
- Encrypted, scalable storage
- Redundant power systems
- 99.999% uptime SLA
- 24/7 Canadian-based monitoring

True Sovereignty (*Key Differentiator*)
- 100% Canadian-owned and operated
- All personnel Canadian citizens
- Subject ONLY to Canadian law
- NOT subject to US CLOUD Act
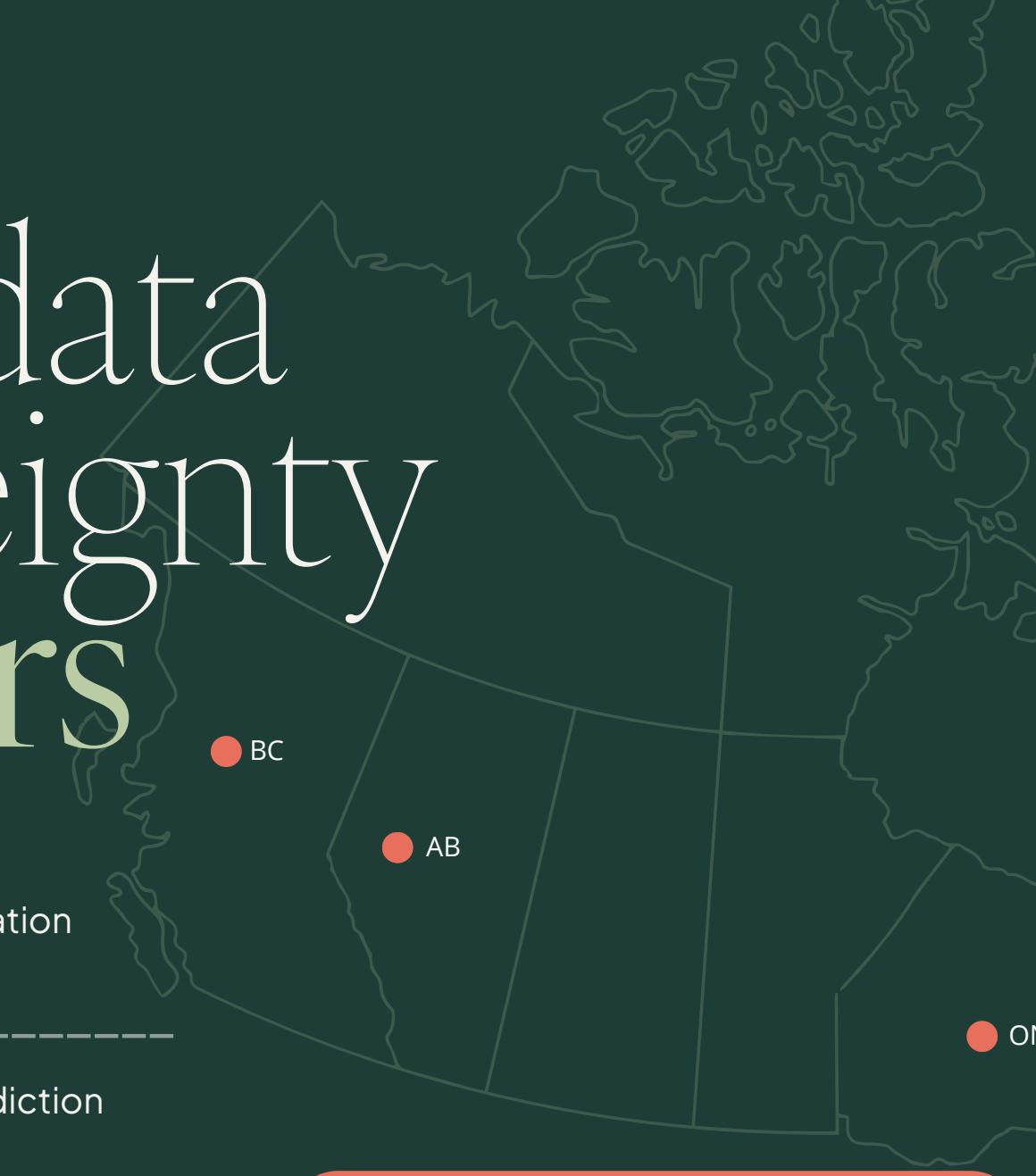- NOT accessible by foreign governments
- Complete supply chain sovereignty

- **Compliance Built-In**
- PIPEDA compliant
- Provincial regulations (BC, NS, NB)
- Industry-specific requirements
- Government PBMM capabilities

Why data sovereignty matters

Data Residency = Physical location (servers in Canada)

Data Sovereignty = Legal jurisdiction (subject only to Canadian law)

Foreign-Owned Cloud (AWS, Azure, Google)

✘ Subject to US CLOUD Act

✘ Foreign governments can compel data access

✘ Global workforce managing systems

✓ Canadian data centers (residency only)

Lyken

✓ Subject only to Canadian law

✓ No foreign government access

✓ 100% Canadian personnel

✓ Canadian data centers (full sovereignty)

Government of Canada:

"As long as a cloud service provider that operates in Canada is subject to the laws of a foreign country, Canada will not have full sovereignty over its data."

When It Matters Most:

- Training AI on proprietary/competitive data
- Regulated industries (healthcare, finance, government)
- Customer PII for Canadian citizens
- Intellectual property protection

BC

AB

ON

How do we make you successful?

Pricing Transparency

From concept to business outcome

True Data Sovereignty (Unique Differentiator)

Complete sovereignty over where your data lives and who can access it

End-to-End Ownership

Infrastructure + Software + Consulting under one roof

Enterprise Partnerships at SMB Prices

We bring together best-in-class partnerships (NVIDIA, Dell, leading data centers)

Accessible for Organizations of All Sizes

Not just for enterprises —small and mid-sized businesses can affordably "dip their toes" into AI

The question *isn't* whether to implement AI.

The question is:

What actually moves your business forward?

Let's start your AI Journey the right way...

Contact us

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Practical AI. Real Results. True Sovereignty

LYKEN.AI

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