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AI in Singapore: The Enterprise Reality

Singapore has made AI a national priority, with significant investment in adoption, skills, infrastructure, research, and governance. The next question sits with enterprises: how well are organisations turning that national ambition into business value?

Ecosystm research shows that AI is gaining a clearer role in business decisions, while talent, ROI, infrastructure, data, and governance remain practical constraints on the pace of adoption.

1. AI is Taking a Place in Business Strategy

Singapore organisations are starting to make clearer decisions about where AI matters to the business and who is accountable for the outcomes.

AI Integration into Business Strategy in Singapore

29% AI activity is disconnected from business priorities	**42%** AI is a business priority, but its role remains loosely defined	**21%** AI has clear business goals, ownership, and organisational buy-in	**8%** AI shapes business priorities and ongoing initiatives

Source: Ecosystm, 2026

The practical task is to link AI priorities to business planning, investment decisions, operating models, and performance measures.

2. AI Applications are Becoming More Business-Specific

Singapore organisations are moving beyond standard AI applications towards solutions designed around specific business problems and opportunities.

AI Application Maturity in Singapore

10%
Primarily use proven, off-the-shelf AI solutions

18%
Experiment with established AI use cases

42%
Develop custom AI for specific, high-value business problems

30%
Develop distinctive AI applications that create competitive advantage

Source: Ecosystm, 2026

The question for investment decisions is whether a custom AI capability produces a business result that standard tools cannot deliver.

3. AI Value is Being Measured Beyond Productivity

It is a positive sign that organisations are putting measurable outcomes around AI, with productivity forming part of a broader set of measures spanning customer experience, revenue, cost, and market outcomes.

Expected AI Business Outcomes in Singapore

66%	Customer impact
55%	Revenue growth
50%	Efficiency & cost reduction
40%	Market share expansion
37%	Regulatory compliance
34%	Employee productivity/ engagement
24%	New products, services & operating models

Source: Ecosystm, 2026

The stronger test is whether these measures lead organisations to change processes, roles, decision rights, and workflows — rather than simply add AI to existing operations.

4. AI Scale Faces Practical Constraints

Despite Singapore's strong investment in AI skills and infrastructure, organisations still see gaps in the capacity needed to scale AI. Talent and infrastructure remain constraints, while the difficulty of demonstrating ROI can make it harder to sustain and expand investment.

Biggest Barriers to AI Adoption in Singapore

63%
TALENT
(difficulty finding & developing AI skills)

61%
ECONOMICS
(Budget constraints or difficulty proving Roi)

47%
INFRASTRUCTURE
(Limitations in AI-ready infrastructure)

Source: Ecosystm, 2026

These constraints are connected: organisations need the right skills to deploy AI, a credible economic case to fund it, and infrastructure that can support the workloads.

5. AI Foundations are Not Yet Consistent

The basic foundations are being established, but their maturity varies across organisations and environments. Governance, hybrid infrastructure, and data integrity remain areas where relatively few organisations report high maturity.

Strength of AI Foundations in Singapore

42%
DATA CONSISTENCY
Automated systems provide strong or advanced consistency & integrity across distributed environments

35%
HYBRID INFRASTRUCTURE
AI workloads run across cloud and on-prem with substantial or seamless integration

20%
AI LIFECYCLE MANAGEMENT
AI is governed through embedded, continuously improved processes

Source: Ecosystm, 2026

The priority is to make these foundations work as a system: reliable data, appropriate infrastructure, and controls that remain effective throughout the AI lifecycle.

Ecosystm Opinion

Singapore has built a strong AI ecosystem, combining government investment and programs with research institutions, local innovators, and a deep technology vendor base. The opportunity now is to translate that ecosystem strength into enterprise value, with AI that is trusted, measurable, and embedded in how businesses operate.

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