Lenovo AI Library

Start proven. Move faster.

Turn AI ambition into measurable business outcomes with proven use cases and agents from the Lenovo AI Library.

Validated, ready-to-customize AI solutions for real business challenges.





AI investment keeps growing. Business value is harder.

The challenge is turning AI initiatives into repeatable business value — faster

Experimentation is no longer enough. Leaders are now competing on AI execution. Organizations are seeking to deploy AI across more business functions and move more initiatives toward enterprise scale.

Yet in McKinsey's 2026 global survey, **just 37% said AI had contributed positively** to their organization's EBIT — underscoring the gap between growing adoption and measurable financial return.[1]

At the same time, AI investment continues to grow at many enterprises.[2] That puts more pressure on leaders to move beyond promising pilots and answer harder questions: Which opportunities are worth pursuing? How can we move from proof of concept to value faster? How do we maximize the value of AI spend? And how can successful deployments become repeatable sources of value?

The challenge is no longer simply proving that AI can work. It is moving from proof of concept to business-as-usual — bringing together the right use case, data, models, infrastructure, software, services, security, and governance to solve real business problems at scale.

79%

of organizations have yet to deploy agentic AI at scale.[2]

ONLY 22%

of 3,400+ digital trust professionals said AI ROI had met or exceeded expectations.[3]

56%

of organizations using AI are still experimenting or piloting rather than scaling.[1]

Start with what already works

Not every business problem requires a new AI solution built from the ground up

The Lenovo AI Library gives organizations a better starting point: a curated portfolio of enterprise-ready, validated AI agents and use cases built from proven Hybrid AI solutions.

Instead of assembling every architecture, workflow, integration, and service from scratch, your teams can start with validated roadmaps and accelerators built to solve real-world business challenges — then customize them for your organization's unique data, processes, governance requirements, and environment.

That reduces complexity and deployment risk, accelerates time to value, and creates a more repeatable path from a promising AI idea to a measurable business outcome.

Start proven
Begin with validated, repeatable use cases and agents.

Move faster
Reduce the work required to determine what to build and how to deploy it.

Make every token count
Align AI choices and costs to the business value the work creates.

Scale what works
Adapt successful solutions to your environment and expand them over time.



Proven in practice
Independent validation of Lenovo Knowledge Super Agent shows how a proven AI Library solution can accelerate deployment, scale across the enterprise, and deliver measurable productivity gains.[4]

30%
reduction in knowledge retrieval time

UP TO 120 hours
potentially saved per employee annually

APPROXIMATELY 2 weeks
to deploy and configure

One library. More ways to accelerate value with AI.

Explore proven AI starting points across industries, functions, and business challenges

Business challenges do not fit neatly into a single AI use case. The Lenovo AI Library brings together reusable solutions spanning agentic and knowledge AI, computer vision, predictive AI, intelligent automation, and edge use cases.

Some address challenges shared across industries. Others apply AI to specialized workflows in retail, manufacturing, energy, healthcare, and other environments.

The Lenovo AI Library continues to expand with five additional offerings that bring proven starting points to physical operations, customer experience, employee productivity, and IT operations. With 60+ use cases across the Library, the most requested agents include:

Computer vision and physical operations

- Lenovo AI Computer Vision
- Lenovo AI Computer Vision for Manufacturing*
- Lenovo AI Computer Vision for Retail*
- Lenovo AI Robotic Inspection

Knowledge and agentic AI

- Lenovo Knowledge Super Agent
- Lenovo Super Agent for Retail
- Lenovo Super Agent for Contact Center*
- Lenovo Enterprise AI Claw for Personal Productivity*
- Lenovo Enterprise AI Claw for ITOps*

Predictive intelligence and edge orchestration

- Lenovo Predictive Maintenance for Retail
- Lenovo AI Predictive Modeling for Oil & Gas
- Lenovo Edge AI Orchestration

* Launched October 2026

Our growing portfolio gives organizations more ways to put Lenovo's validated AI capabilities to work to solve specific challenges across vertical industries and business functions.



Gain better intelligence across every location. Act on insights faster.

New AI computer vision offerings bring real-time intelligence deeper into manufacturing and retail operations

Manufacturers and retailers already generate enormous amounts of physical-world data through cameras, sensors, IoT systems, and operational platforms. Much of that data remains underused, disconnected, or overlooked in decision-making.

Lenovo AI Computer Vision for Manufacturing and **Lenovo AI Computer Vision for Retail** combine Lenovo infrastructure and services with Fogsphere's AI-powered software to turn existing cameras and operational data into real-time intelligence — without requiring a wholesale replacement of existing infrastructure.

Lenovo AI Computer Vision for Manufacturing

Detect safety risks earlier, automate compliance monitoring, improve visibility into workforce and material movement, and surface operational bottlenecks in real time.

Business opportunities:

- Worker safety and compliance
- Operational visibility and productivity
- Inventory and asset intelligence
- Cross-location operational visibility
- Earlier identification of potential risks

Lenovo AI Computer Vision for Retail

Gain real-time insight into customer movement, queues, occupancy, and facility utilization across physical locations — supporting better decisions about customer experience, staffing, and space.

Business opportunities:

- Queue and people management
- Customer behavior insights
- Space and labor utilization
- Cross-location operational visibility
- Inventory protection



Give customer support more autonomy

Lenovo Super Agent for Contact Center brings agentic AI into complex, high-volume customer workflows

Many companies have already automated straightforward customer interactions to varying degrees of customer satisfaction and workflow efficiency. The next opportunity is to extend automation into more complex workflows, where agentic AI can understand intent, retrieve information across systems, reason through multiple steps, and take action within defined guardrails — helping improve resolution speed, consistency, and efficiency.

Lenovo Super Agent for Contact Center combines AI agents, operational expertise, and managed services in a multi-agent platform. The use case builds on a strategy and approach Lenovo validated across its own global support organization — using connected AI agents to automate routine interactions, accelerate diagnosis and resolution, and shift more support to earlier stages of the customer journey.

Capabilities can support:

- Agent assistance and agentic workflows
- Sentiment and voice-of-customer intelligence
- Automated quality intelligence and AI coaching
- Workflow automation across connected systems

Business value:

- Improve the consistency of customer interactions
- Accelerate resolution
- Increase operational efficiency
- Create a support model that can improve as AI capabilities evolve

Proven in Lenovo's global support operations[7]

25% faster customer issue resolution

75% reduction in human-assisted support volume

10% improvement in customer satisfaction

10% reduction in support costs



Put enterprise AI assistance closer to where the work gets done

Pre-built skills help employees and IT teams automate routine work, reduce manual effort, and move faster

Lenovo Enterprise AI Claw use cases combine a full-stack deployment approach with pre-built skills designed around specific business needs. For personal productivity and IT operations, those skills can automate routine tasks, orchestrate actions, and reduce manual analysis and coordination.

Lenovo Enterprise AI Claw for Personal Productivity

Employees increasingly have access to AI tools and agents in day-to-day workflows. But fragmented tools, information silos, security requirements, and complex deployment can make it harder to turn growing AI use into consistent business value.

Lenovo Enterprise AI Claw for Personal Productivity provides a full-stack solution spanning devices, software, and services, with persona-based starter skills designed around common workflows. By bringing AI closer to users on local devices while supporting deployment across desktop, data center, and cloud environments, organizations have more flexibility to match workloads to the environment that best supports performance, control, and AI token economics.

These skills can help employees automate routine tasks, tap into enterprise knowledge and get answers faster, and accelerate analysis and discovery — while supporting a more standardized, governed approach to AI adoption.

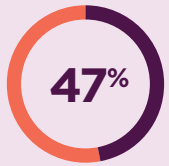
Designed to help:

- Automate routine tasks by persona
- Accelerate analysis and discovery
- Reduce friction from fragmented AI tools
- Bring greater governance to employee AI use

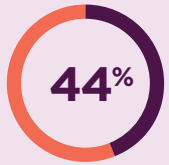
Lenovo Enterprise AI Claw for ITOps

IT leaders must continually synthesize information across infrastructure, projects, budgets, vendors, security requirements, and business priorities — often spread across different tools and teams.

Lenovo Enterprise AI Claw for ITOps provides an AI-powered operational assistant designed to automate oversight, surface actionable insights, and accelerate decision-making across the IT environment. Pre-built skills for asset requests, provisioning, fulfillment planning, and asset reclamation can help reduce repetitive manual processes.



of organizations cite increasing IT infrastructure and environment complexity as a significant driver for AI in ITOps.[8]



cite the need to reduce operational costs and improve efficiency.[8]

Ready-to-deploy skills

Enterprise governance

Lenovo services



Bring proven AI use cases to life with the full stack behind them

Lenovo Hybrid AI Services help you scale validated AI Library agents into secure, scalable solutions built for your business

The Lenovo AI Library delivers a validated practical AI agents. Lenovo Services brings together the infrastructure, software, data, integrations, governance, and support needed to customize that starting point, move it into production, and operate it over time — without assembling every layer from scratch.

Built for real-world enterprise requirements and end user experiences

AI Library use cases can be adapted to an organization's data, workflows, policies, security and governance requirements, and deployment environment. That lets teams preserve what is unique to the business while building on proven foundations instead of recreating them for every new AI initiative.

Advise: Start with clarity

Lenovo Hybrid AI Services can help identify high-value opportunities, assess readiness across data, infrastructure, governance, and operations, and define a practical roadmap to measurable outcomes.

Implement: Move from plan to production

Customize the use case to your environment, connect the infrastructure, platforms, data, and workflows it needs, and deploy across devices, edge, data center, and cloud with security, governance, and adoption built into the approach.

Manage: Keep AI performing and improving

Ongoing managed services can help monitor and optimize AI workloads and agents, strengthen governance and operational control, and adjust performance, resource use, and workload placement as requirements evolve.

Proven AI Library use case ▶ Advise ▶ Implement ▶ Manage ▶ Measurable business outcome

Measure the value of the work, not just the cost of the token

Shift the focus from generating lower-cost tokens to creating more business value from every AI investment

As AI use grows, leaders need a clearer view of AI economics. Cost per token matters, but it tells only part of the story. Futurum Group distinguishes between **cost per token** — shaped by factors such as utilization, throughput, energy efficiency, and workload-to-hardware fit — and **value per token:** what AI output actually enables, from faster decisions and reduced manual processing to new service capabilities and faster time to value.[9]

Token economics are shaped across the full AI stack, including infrastructure architecture, networking, storage, model selection, orchestration, and lifecycle services. The goal is not simply to generate the lowest-cost token, but to manage AI for **cost, value, speed, and risk** while continuously improving the business outcomes AI investment creates.[9]

That shifts the question from:

How do we lower the cost of each token?

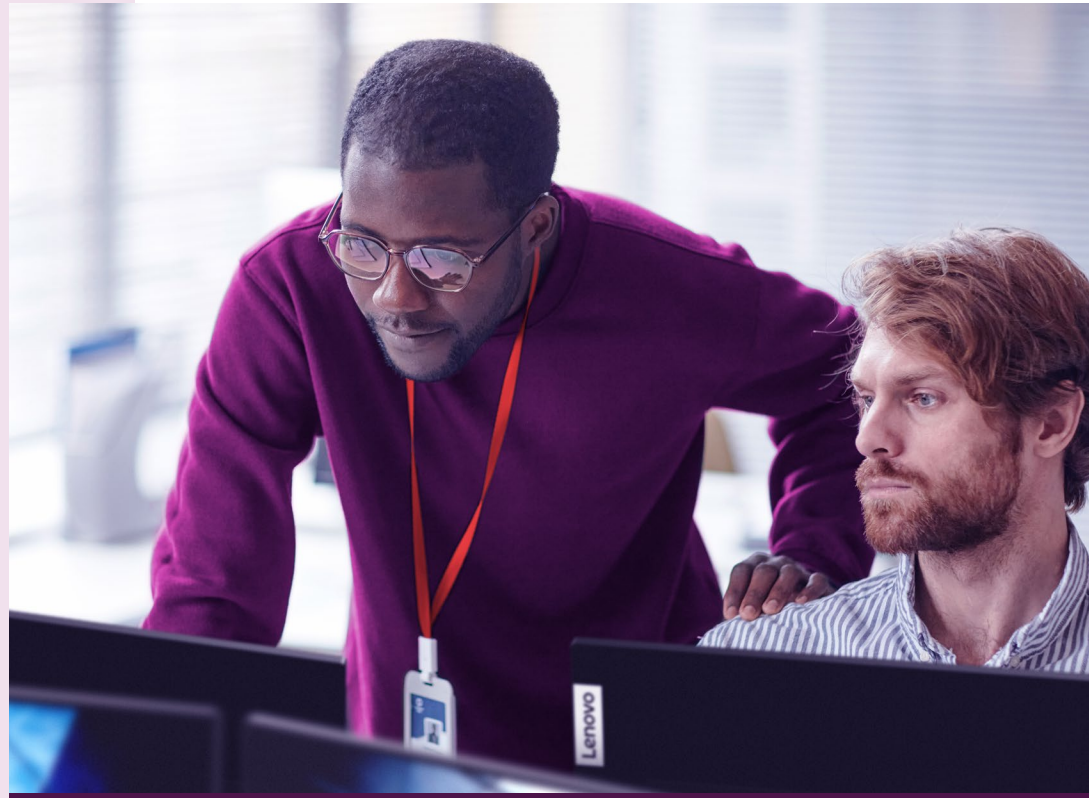
to:

How do we get more business value from the AI investment behind every token?

Make every token count

1. **Start with the outcome**
   Prioritize work with measurable business value.
2. **Right-size the AI**
   Match the workload, model, infrastructure, and placement to the performance and economics the use case requires.
3. **Scale what works**
   Deploy and operate across the right hybrid environments, with the orchestration, visibility, and support needed for production AI.
4. **Keep optimizing**
   Continuously improve utilization, energy efficiency, cost per token, value per token, and business outcomes as workloads and requirements change.

Starting with a validated use case from the Lenovo AI Library puts the business outcome first. Lenovo Hybrid AI Services can then help right-size, deploy, operate, optimize, scale, and refresh the AI environment as needs evolve — helping convert AI investment into useful business outcomes while increasing value per token.[9]



Business outcome ▶ **Right-size** ▶ **Scale** ▶ **Optimize** ▶

Higher value per token

Scale what works with a framework that connects the full AI stack

A successful use case becomes more valuable when you can adapt it, operate it, and extend it without rebuilding the foundation

The **Lenovo Hybrid AI Advantage™** connects the capabilities required to move from a successful AI deployment to repeatable enterprise use.

Lenovo AI Library

Start with validated AI use cases and agents designed around real business challenges to accelerate time to value.

Lenovo Hybrid AI Factory

Bring together the foundational infrastructure, software, data, models, and orchestration required to run AI in the environments that best fit the workload.

Lenovo Hybrid AI Services

Advise, implement, manage, and sustain the AI capabilities that bring use cases to life as initiatives move from initial deployment to broader operational use.

This connected approach helps organizations build on what works — extending successful AI across more users, workflows, and environments without starting over.





From a proven starting point to enterprise impact

Start with the business outcome. Adapt what's proven. Improve as you scale.

The Lenovo AI Library brings the pieces of the journey together — helping organizations identify where AI can create value, adapt a proven starting point to their needs, validate the approach, and build on what works over time.

Identify
Choose a business challenge with measurable business value and a clear opportunity for AI.

Customize
Adapt a validated AI Library use case or agent to your data, workflows, policies, and environment.

Validate
Confirm the business value, performance, governance requirements, and deployment approach.

Deploy
Put the solution to work in the environment that best fits the workload, data, and control requirements.

Optimize
Track outcomes, usage, and economics — then improve the solution and extend it where it creates more value.

Ready to extend what works across your organization?

Explore what's possible with the Lenovo AI Library at **www.lenovo.com/AI-Library.**

Talk to a Lenovo AI expert to identify the right starting point for your organization.

Sources

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