

Empower IT Leaders with an AI-Powered Digital Assistant



A Lenovo AI Library Use Case Proof of Concept

To Outpace Complexity, IT Operations Must Evolve

IT organizations face growing pressure to deliver reliable, secure, and efficient technology services while driving digital transformation. At the same time, CIOs and IT leaders must manage increasingly complex technology environments, maintain compliance, and control costs. Critical information needed to guide decision-making is often scattered across tools, platforms, and teams. Valuable time and resources are spent gathering information instead of driving operational and business outcomes.

To stay ahead of these challenges, leading organizations are embracing Agentic AI powered by enterprise AI claws and skills: intelligent software systems capable of autonomously executing tasks, reasoning across multiple systems and data sources, and taking action within governed workflows. Leading organizations are harnessing AI to transform IT Operations through:

- Autonomous agents that monitor, analyze, and execute routine activities while escalating exceptions to human operators whenever necessary.
- AI-powered assistants that synthesize information across infrastructure, projects, assets, and budgets, to deliver actionable recommendations.
- Intelligent workflow automation that streamlines provisioning, asset management, and service fulfillment.
- Continuous governance and compliance monitoring that helps organizations manage security, regulatory, and operational policies.
- Unified operational intelligence that connects IT service management platforms and enterprise data sources that deliver better insights.

Most IT organizations understand the potential of AI. The challenge is turning that potential into operational value.

Connecting data, workflows, and governance requirements can quickly add complexity, slowing deployment and delaying results. As a result, many initiatives take longer than expected to scale and deliver measurable business impact. Lenovo helps organizations take the first steps towards enterprise adoption of autonomous AI through controlled proof of concepts designed to explore potential use cases and value. Built on the Lenovo Agent Platform and powered by **NVIDIA Nemotron 3.5 Lightning**, a fully-customizable, mixture-of-experts model, Lenovo Enterprise AI Claw for ITOps combines AI skills, governance, and Lenovo services into a proof of concept **AI Fast Start** that enables experimentation and exploration of operational AI adoption.

Common Challenges Facing IT Operational Leaders



Fragmented IT Visibility: Operational data is spread across tools, platforms, and teams, limiting a unified view of the IT landscape.



Increasing Complexity: IT leaders must drive efficiency across growing infrastructure, cloud, software, and partner ecosystems.



Security and Compliance Mandates: Organizations must protect data, meet regulations, and maintain governance across complex environments.



Manual Processes Slow Innovation: Data gathering, asset management, and workflow coordination take focus away from strategic priorities.



Resource and Skills Gaps: IT teams must meet growing technology demands while controlling costs and building needed skills.

Make Smarter, Faster IT Decisions with Lenovo Enterprise AI Claw for ITOps

Lenovo Enterprise AI Claw for ITOps is a Lenovo AI Library solution that can help organizations explore how they can modernize IT operations with intelligent AI agents that understand requests, reason across systems, and automate workflows. Combining Lenovo AI services and the full AI stack of Lenovo Hybrid AI Factory solutions with NVIDIA NemoClaw-powered technology, the solution is designed to demonstrate how the agents could work with existing tools and infrastructure to reduce complexity and enable exploration of enterprise adoption.

Instead of relying on disconnected tools and manual processes, organizations could leverage a unified AI platform that connects business priorities, enterprise data, and operational workflows. AI agents could deliver insights, automate routine tasks, execute approved actions, and coordinate activities across service management, asset management, and business systems.

By designing reusable AI capabilities to achieve business outcomes, Lenovo Enterprise AI Claw for ITOps could help organizations reduce complexity, accelerate time-to-value, and simplify AI adoption. Supported by Lenovo infrastructure, services, and pre-built AI skills, the solution enables organizations to explore prebuilt Enterprise AI Claw use cases for ITOps.

This Lenovo AI Library proof of concept aims to demonstrate how organizations could:

- ✓ **Generate** value per token in as little as 90 days from deployment.
 - **How:** The Enterprise AI Claw solution offers Lenovo Services curates relevant skills in NVIDIA NemoClaw blueprints to develop prebuilt Enterprise AI Claw use cases for ITOps.
- ✓ **Automate** routine IT operations and service workflows.
 - **How:** The Enterprise AI Claw solution offers pre-built skills for asset requests, provisioning, fulfillment planning, and asset reclamation to eliminate repetitive manual processes.
- ✓ **Automate** operational oversight across multiple environments.
 - **How:** Leverage skills and connectors that continuously gather, synthesize, and analyze across your unique IT landscape.
- ✓ **Accelerate** decision-making by IT leaders and teams.
 - **How:** Use AI agents to retrieve information, identify dependencies, and orchestrate actions that reduce manual analysis and coordination.

- ✓ **Improve** governance and compliance.
 - **How:** The solution combines policy-driven controls, and Lenovo services within a repeatable framework that could scale across teams, environments, and geographies.

Built to Strengthen Your IT Operations

Lenovo Enterprise AI Claw for ITOps is purpose-built for IT professionals and comes pre-configured with a growing library of more than 100 AI-powered skills that enable organizations to explore how AI could support automation of operational tasks, acceleration of decision-making, and streamlining IT workflows. It is designed to help organizations explore a broad range of use cases, including asset lifecycle management, provisioning, and service fulfillment..

Built around a reusable framework of skills, connectors, and AI agents, the solution allows organizations to explore how autonomous agents could modernize IT operations without replacing existing investments while rapidly extending AI capabilities across their technology ecosystem. Pre-defined skills could be explored as-is or adapted to support organization-specific workflows, policies, and requirements.

Whether exploring use cases for a single team or a broader IT organization, Lenovo Enterprise AI Claw for ITOps provides a controlled environment to explore how AI could support different IT operations scenarios. By combining pre-built skills and Lenovo services, organizations can evaluate potential use cases, identify opportunities for AI-driven operations and build experience that can inform future AI adoption.



From AI Ambition to Measurable Results

The Lenovo AI Library accelerates enterprise AI adoption by providing validated, production-ready use cases and AI agents designed to drive productivity, agility, and innovation.

These real, repeatable solutions are ready to be customized and scaled — helping organizations move from experimentation to ROI faster.

Every AI Library solution is:



Proven at scale



Secure and governed by design



Built for hybrid environments



Engineered for measurable business outcomes

Lenovo Services Available

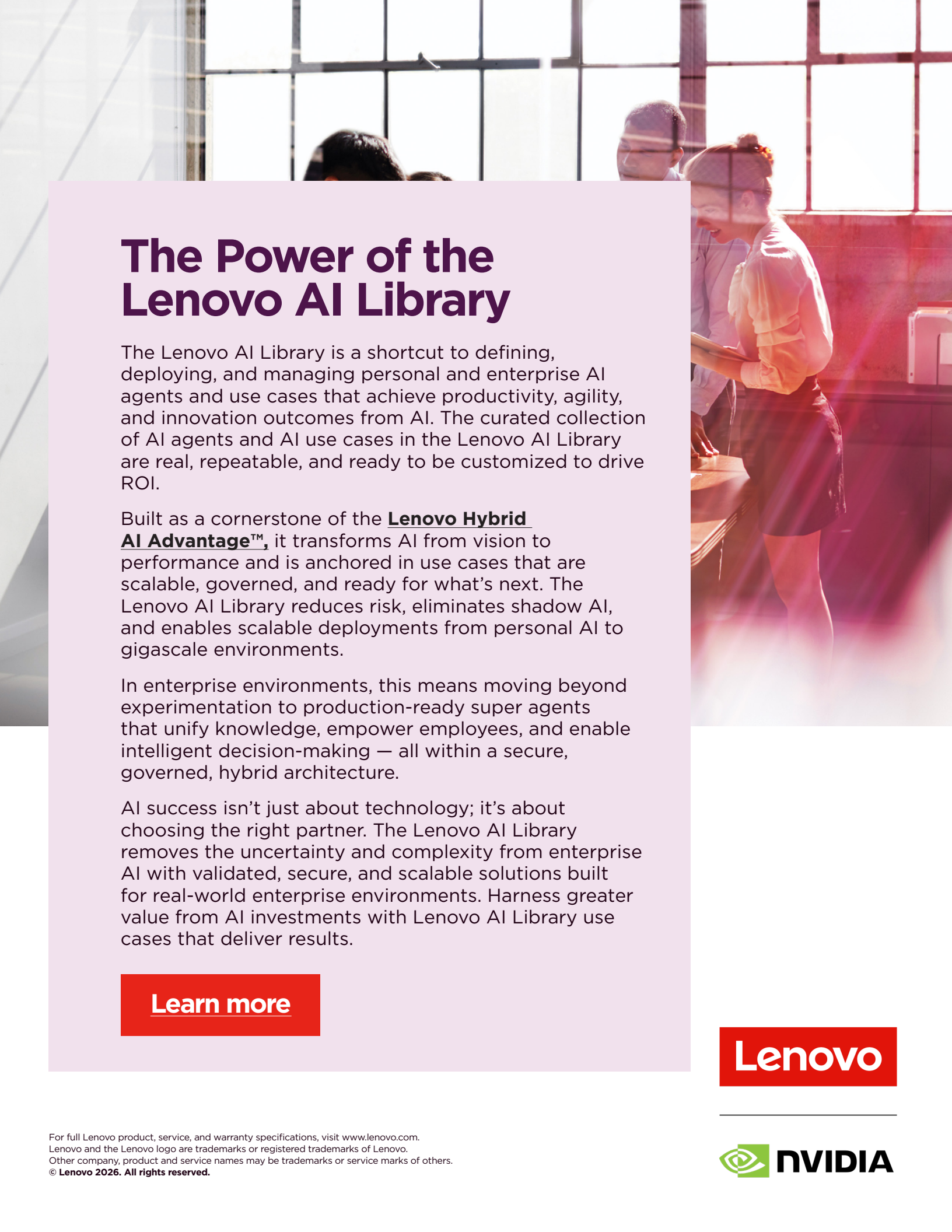
- ✓ AI Discover
- ✓ AI Fast Start
- ✓ Data Foundations for AI
- ✓ AI Use Case Customization
- ✓ AI Deploy & Scale
- ✓ AI Adoption and Change Management
- ✓ Ongoing governance, monitoring, and hybrid AI infrastructure optimization
- ✓ [Learn more about our AI Services](#)

No pilots that stall.

No fragmented integration.

Just AI built for real-world deployment.

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The Power of the Lenovo AI Library

The Lenovo AI Library is a shortcut to defining, deploying, and managing personal and enterprise AI agents and use cases that achieve productivity, agility, and innovation outcomes from AI. The curated collection of AI agents and AI use cases in the Lenovo AI Library are real, repeatable, and ready to be customized to drive ROI.

Built as a cornerstone of the **Lenovo Hybrid AI Advantage™**, it transforms AI from vision to performance and is anchored in use cases that are scalable, governed, and ready for what's next. The Lenovo AI Library reduces risk, eliminates shadow AI, and enables scalable deployments from personal AI to gigascale environments.

In enterprise environments, this means moving beyond experimentation to production-ready super agents that unify knowledge, empower employees, and enable intelligent decision-making — all within a secure, governed, hybrid architecture.

AI success isn't just about technology; it's about choosing the right partner. The Lenovo AI Library removes the uncertainty and complexity from enterprise AI with validated, secure, and scalable solutions built for real-world enterprise environments. Harness greater value from AI investments with Lenovo AI Library use cases that deliver results.

[Learn more](#)

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