



AI & Cyber Labs

Accelerate AI innovation by prototyping, testing, and deploying AI use cases in cutting-edge facilities.



The SHI® AI & Cyber Labs empower you to explore the latest AI solutions and confidently deploy new technologies. With help from our AI experts, you can easily accelerate innovation and integrate leading AI solutions across your entire organization.

Bring your AI strategy to life

Imagine. Experiment. Adopt. This is our methodology for helping your organization scale generative AI solutions that deliver business results and quantifiable ROI.

We have developed a proven AI business collaboration model that will allow you to define your business needs and gain critical insights to design and architect your AI solution. Our approach begins by guiding organizations through this fast-evolving landscape to **imagine** new business outcomes made possible with AI and to identify and prioritize top use cases that are strategically aligned with your business objectives and goals.

We give you the ability to do something unique with SHI – **experiment** and rapidly validate prototypes of your AI solutions – in our unique, state of the art **AI & Cyber Labs**, designed to support your AI solution infrastructure and implementations.

About SHI AI & Cyber Labs

Our AI & Cyber Labs are purpose-built to enable enterprise-grade ideation, experimentation, and adoption. We empower organizations like yours to imagine what’s possible with AI, experiment in secure, scalable environments designed for rapid prototyping and production rollout, and adopt solutions with confidence – backed by our deep expertise in infrastructure, data governance, and enterprise AI.

What you can expect:

- SHI AI & Cyber Labs offer a secure, controlled environment to validate AI solutions with your real data, workloads, and integration requirements across leading platforms, to ensure they meet your specific use case needs.
- Our data scientists and AI architects will enable full **prototypes in two to six weeks, significantly reducing the trial-and-error phase.**

You'll benefit from:

- Our vendor-neutral expertise.
- Pre-validated architectures that minimize your technical debt and security vulnerabilities, all while accelerating your time to value.
- Efficiency gains and failure prevention: SHI customers achieve 20-40% efficiency gains while maintaining enterprise security and compliance.

SHI AI Solutions

We know there is an AI transformation journey to be taken before technology decisions are made. This is not a single event but a strategic process. This journey involves focusing on business goals, addressing lines of business needs, and considering broader organizational adoption impacts.

We have created a successful AI business collaboration model that will allow you to:

Imagine

Prepare to innovate with structured generative AI readiness assessments and workshops. These will identify three to five viable AI use cases that align with your infrastructure and objectives, focusing on those with the highest technical feasibility and business impact.

Experiment

SHI [AI & Cyber Labs](#) offer a secure, controlled environment to validate AI solutions with your real data, workloads, and integration requirements across leading platforms, to ensure they meet your specific use case needs. Our data scientists and AI architects will enable full prototypes in two to six weeks, significantly reducing the trial-and-error phase.

Adopt

Implement solutions with our phased approach, which integrates with your security controls, governance frameworks, and compliance requirements. You can expect to complete initial production deployments in 12 weeks, with defined milestones and technical validation at each stage.

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SHI has successfully guided organizations through their AI journey – helping them drive tangible business value, experiment in our unique state-of-the-art AI & Cyber Lab, and implement solutions that deliver measurable outcomes – all while working within existing systems and teams.



Fast facts

Infrastructure and investment at SHI's Data Center Factory at Ridge:

- **\$20M investment:** Facilities upgrades, advanced technology systems, and personnel
- **Total facility:** 394,255 square feet
- **60+ GPUs:** Deployed in the lab (L40s, H100s, and H200s)
- **Building power:** 13,200 medium voltage switchgear
- **Backup power:** 2x 1500 KW diesel generators; current: 4 MW (capable of 8 MW)
- **Solar array on roof:** 2 MW

"SHI is a full-stack, one-stop shop for AI solutions."

"SHI recently achieved status as an NVIDIA DGX SuperPOD Specialization Partner."

– Senior leaders at NVIDIA GTC 2025

SHI AI & Cyber Labs solutions and modules:

We deliver hands-on solution modules that showcase the art of the possible – empowering you to experiment, validate, and scale enterprise-ready AI securely and at speed.

- SHI FineTune (Fine-tuning-as-a-service)
- SHI AI Fraud Detection Service
- SHI GenAI Lab
- SHI RAG Studio
- SHI Digital AI Ambassador
- SHI Multi Modal ChatAgent
- SHI Agentic Event Planner
- SHI AI Report Generator

To learn more visit: www.shi.com/solutions/generative-ai/ai-lab/resources

Why SHI

SHI is your strategic partner across leading AI platforms, technology providers, and security solutions. Partnering with top AI hardware and software providers, we offer access to cutting-edge AI technologies and a comprehensive support journey from concept to large-scale deployments. Our hundreds of AI-certified engineers, architects, and technicians are ready to deliver end-to-end services, enabling you to run nearly any workload in the cloud, on-premises, or at the edge. As a global technology provider, SHI has guided enterprise partners through complex technology shifts for more than 35 years. We collaborate with business leaders daily, helping to transform uncertainty into clear, actionable strategies.

[Schedule a consultation](#) with our experts today.

Take your AI journey with us

For questions and to connect with one of our AI experts, reach out at AI@SHI.com.



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