



QXLI Sovereign AI Factory

Owned, Operated, and Governed By You

Enterprise-grade sovereign AI — deployed inside your jurisdiction, on your infrastructure, under your control.

Solution Overview



The QXLI Sovereign AI Factory is a turnkey platform that enables organizations to deploy enterprise-grade AI entirely within their own environment; on-premises, in private virtual machines, or within a sovereign cloud.

Unlike public AI tools and SaaS platforms that route data through external systems and foreign jurisdictions, QXLI ensures that every prompt, model, embedding, and output remains securely inside organizational and national boundaries.

QXLI brings together the full sovereign AI stack — private LLMs, agent orchestration, vector data infrastructure, secure access, and operational control — into a single, unified system. Pre-configured with essential AI agents and extensible by design, it allows teams to rapidly build, customize, and scale AI capabilities without dependency on external platforms.

With deployment measured in weeks, not months, QXLI dramatically accelerates time-to-value while reducing complexity and cost.

The result: a fully sovereign AI capability — owned, operated, and governed by you — aligned with your business objectives, regulatory requirements, and data sovereignty mandates.

Key Benefits



Full Sovereignty

All data and AI processing stays inside your jurisdiction. No external model calls. Fully air-gappable.

Rapid Deployment

Up and running in days, not months. Turnkey setup by our engineering team — no specialized AI hires required.

Comprehensive AI Stack

Orchestration, private LLMs, vector search, agents, security, and operations unified into one deployable platform.

Multi-Model Freedom

Run, fine-tune, and switch between any sovereign or open LLM. Model-agnostic by design.

Agentic Automation

Launch advanced AI agents that do the work — real-time operations, knowledge retrieval, and decision support.

Scalable & Future-Ready

Expand from a single server to multi-site sovereign deployments. Start at one site, scale when ready.

Sovereign AI vs. Public AI

Dimension	Public / SaaS AI	QXLI Sovereign AI Factory
Where your data lives	Foreign clouds, multi-tenant infrastructure, vendor jurisdiction.	Inside your jurisdiction, on your infrastructure, under your governance.
Who controls the model	The vendor — opaque, changes without notice, deprecated on their schedule.	You — pinned, fine-tuned, swappable on your terms. Model-agnostic by design.
Governance & lifecycle	Vendor's roadmap, vendor's policies, vendor's audit trail.	Your governance, your audit trail, your full AI lifecycle ownership.
Compliance posture	Best-effort under SaaS terms of service.	Aligned with national data residency, and sector-specific compliance mandates.

What's Included



QXLI Sovereign AI Engine

The unified core integrating leading AI frameworks, agent tools, and private LLMs out of the box.



AI Agent Suite

Select essential and domain-specific agents for automation, monitoring, and operations.



Sovereignty & Governance

Role-based access, identity-aware control, and integration with monitoring tools.



Conversational Assistant

Embedded chat and voice UI for user-friendly internal interaction.



Deployment Support

End-to-end setup by our engineering team — on-prem, private VM, or sovereign cloud.



[Optional] Services

AI Ops, model fine-tuning, and full system lifecycle management.

Built on Trusted Foundations

01

NVIDIA Collaboration

Inception program member. NVIDIA agentic frameworks, deployment blueprints, and agent intelligence toolkits — integrated out of the box.

02

Open-Source Core

Built on leading OSS — Ollama, n8n, Pgvector, NGINX, Pritunl, and more. No vendor lock-in. Full extensibility and auditability.

03

Enterprise Security

Zero Trust ready, granular access control, comprehensive audit logging. Air gap-able for the most regulated environments.

AI Factory Tiers

Tier	Includes
Base	QXLI Sovereign AI Engine + Default AI Agents + Secure Setup
Extended	Agent Customization, Model Tuning, System Integration
Enterprise	Multi-Site Sovereign Deployments + Dedicated Support

Ready to unlock your own Sovereign AI Factory

Set up and harness enterprise-grade intelligence—on-premises or in the cloud—in just days, not months. Gain powerful, secure, and compliant sovereign AI capabilities tailored to your environment—without the need for a large internal AI team or complex integrations.

1

Request a demo

2

Get a 2-week pilot on your own infra

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