



FirstStep.ai

 **Lumina**

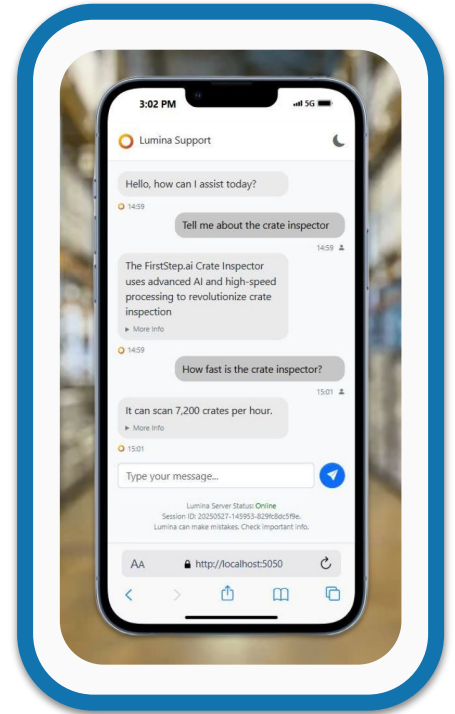
Your Plant. With Intelligence.

PRODUCT BROCHURE
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Product Summary

Lumina is a next-generation, on-premise AI engine purpose-built for industrial plants. It continuously learns from your plant, studies all available documentation, monitors equipment and operations in real time, and responds with context-aware intelligence.

Lumina delivers fast, reliable user support, reference-linked answers, AI-generated training courses, and individualised learning paths, all while continuously building a plant-wide knowledge map.



Lumina Modules

1. **Lumina Core** - GPU-powered on-premise AI engine that learns from your plant, builds context-aware intelligence, and runs all Lumina modules.
2. **Lumina Support** - Context-aware AI assistant for all staff to access.
3. **Lumina Academy** - AI that constructs training courses, and assesses each individual uniquely.
4. **Lumina Pulse** - Real-time monitoring of your plant's status and system health.
5. **Lumina Alerts** - Consolidated, intelligent alerts that highlight root causes.
6. **Lumina First Responder** - Structured, automated workflows triggered by real conditions.

Key Features

- **Offline and On-Premise:** 100% secure and on-premise. No cloud.
- **Context Aware:** Understands your environment, users, and live conditions.
- **All Staff Access:** Built for engineering, operations, maintenance, and management.
- **Self-Improving:** Learns continuously. Builds a knowledge map unique to your plant.
- **Real-Time Response:** Instant processing and feedback (<5 seconds).
- **Modular Architecture:** Deploy what you need today. Add more as your plant evolves.
- **Connected:** Integrates with SQL, OPC UA, historians, and file systems.
- **Quick to Install:** Install a single GPU-powered edge unit to start.
- **Extendible:** Add cores easily as your plant scales.



