



# Lumen A2A Gateway Datasheet

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**Product Overview:** Lumen A2A Gateway is a zero-trust governance platform designed for secure agent-to-agent (A2A) interactions in multi-agent AI ecosystems, providing centralized control, policy enforcement, and observability for autonomous AI agents across leading enterprise platforms, enabling safe scaling of multi-agent workflows while mitigating risks such as unauthorized actions, compliance violations, and operational failures.

Built for regulated industries including finance, healthcare, and insurance, Lumen A2A Gateway complements native platform capabilities without requiring replacements, ensuring interoperability via the open A2A protocol hosted by the Linux Foundation.

## Key Challenges Addressed

- Agent sprawl and siloed policy management in multi-platform environments
- Risks from cross-platform A2A interactions (e.g., cascading errors, data leakage)
- Compliance with regulations like the EU AI Act, HIPAA, GDPR, SOX, and NIST AI RMF
- Lack of enterprise-wide visibility and immutable audit trails

## Core Features

| Category                                  | Features                                                                                                                                                                                                     |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agent Discovery &amp; Registration</b> | Automatic discovery and zero-trust registration of agents Health monitoring and capability inventory                                                                                                         |
| <b>Unified Policy Enforcement</b>         | Real-time, context-aware policies across all A2A interactions Global rules with per-agent overrides Four-category framework: Security, Compliance & Privacy, Business & Risk, Operational Assurance          |
| <b>Security Policies</b>                  | Mutual TLS (mTLS) authentication Granular scopes (READ/WRITE/OFF-LIMITS) Rate limiting, anomaly detection, prohibitions on high-risk actions                                                                 |
| <b>Compliance &amp; Privacy</b>           | Automatic PII redaction and DLP scanning Data minimization and retention controls Industry-specific boundaries (e.g., no autonomous diagnosis in healthcare)                                                 |
| <b>Business &amp; Risk Policies</b>       | Transaction thresholds and escalation triggers Risk scoring and approval workflows                                                                                                                           |
| <b>Operational Assurance</b>              | Immutable logging with correlation IDs and rationales Confidence thresholds, alerting, and performance gates                                                                                                 |
| <b>Observability &amp; Logging</b>        | Enterprise-wide dashboards and alerts Full traceability for auditing and incident response                                                                                                                   |
| <b>Deployment &amp; Scalability</b>       | Dockerized with native Kubernetes support Multi-cloud (AWS, Azure, GCP), on-premises, or air-gapped Horizontal scaling for thousands of agents No external data egress—all processing under customer control |



**Platform Compatibility:** Lumen A2A Gateway integrates with agents from:

- AWS Bedrock AgentCore
- Microsoft Azure AI Agent Service
- Google Cloud Vertex AI Agent Builder
- Salesforce AgentForce
- ServiceNow AI Agents
- Snowflake Cortex Agents
- Atlassian Rovo
- Zendesk and other A2A-compliant platforms

Supports custom integrations via proxy clients and mTLS for secure connectivity.

### Benefits

- **Risk Mitigation:** Avoid regulatory fines (up to €35M or 7% global turnover under EU AI Act) and breach costs (average \$4.88M in 2025)
- **Productivity Gains:** 20–40% efficiency improvements in workflows like incident response, claims processing, and onboarding
- **Safe Scaling:** Enable cross-platform collaboration without shadow deployments or inconsistencies
- **Rapid ROI:** Typical break-even in 12–18 months; 3–5x return over 3 years through avoided incidents and accelerated automation

**Why Choose Lumen A2A Gateway?** In the era of autonomous AI agents and open A2A interoperability, Lumen provides the essential enforcement layer IT and security teams need to maintain control while unlocking transformative business value.

### Contact Us

Schedule a demo: <https://calendly.com/backflirt/schedule-a-meeting-with-us>

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