Komodo Systems®

Executive Summary
Komodo Eye Connectivity & Integration Ecosystem

Komodo Eye is the superior network monitoring solution for mission-critical networks.

info@komodosystems.com
www.komodosystems.ai

Note: As a policy, Komodo Systems is able and committed to adding new integrations to our short-term product development roadmaps. In most cases, they can be implemented in a timely fashion.

Executive Summary

Komodo Eye is a fully API-driven platform that utilizes native, bi-directional REST-based integration as its primary interface. It provides a broad ecosystem of direct connectors and protocols designed to unify IT, OT, and business logic.

Core Integration Philosophy

Komodo Eye functions as a central nervous system for network data, supporting a vast ecosystem of direct integrations, proprietary APIs, and open-source protocols.

Note: While Komodo Eye natively leverages REST APIs, its modular architecture enables seamless interoperability with legacy third-party platforms exposing XML, SOAP, or CORBA interfaces via standard middleware layers.

ITSM and Incident Management

To bridge the gap between network awareness and operational response, Komodo Eye integrates deeply with industry-leading ticketing and orchestration platforms.

- ServiceNow: Features advanced bi-directional integration that automatically pushes validated fault events to create, update, or resolve incidents in real-time.
- PagerDuty: Native alerting and on-call rotation synchronization.
- Sonar: Integrated billing and customer management workflow automation.

Network, Orchestration, and OT Ecosystems

Komodo Eye maintains high-fidelity connections with multi-vendor network environments, ranging from carrier-grade routing to industrial SCADA systems.

Category	Supported Platforms
Cisco Ecosystem	Cisco Catalyst Center (DNA Center), Cisco SD-WAN
Carrier & Optical	Nokia NSP, Ciena, ADTRAN / MCP (API-based active provisioning/Zero-Touch PON)
Automation & Visibility	NetBrain, SolarWinds, Juniper, Itron, Telenium
Specialized NMS	Microwave NMS platforms
Operational Tech (OT)	OT Historians and SCADA gateways

Data Analytics, SIEM, and SOAR

The platform acts as a high-performance data conduit, feeding enriched telemetry into security and long-term storage environments.

- Security & SIEM: Native exports to Splunk, Microsoft Sentinel, and Elastic.
- Data Warehousing: Direct integration with Snowflake for longitudinal trend analysis and big data storage.

AIOps and Event Correlation

For environments utilizing higher-order logic engines, Komodo Eye provides the "ground truth" data required for advanced noise reduction.

- BigPanda: Event pipeline integration for automated correlation.
- Moogsoft: Native feed for AI-driven incident detection.

Messaging and Event Brokering

Real-time notification and high-throughput data streaming are handled via a variety of modern pub/sub and messaging channels.

- Message Brokers: Apache Kafka, RabbitMQ, and ActiveMQ for scalable data distribution.
- Communication Channels: Direct hooks for Slack, Microsoft Teams, WhatsApp, Telegram, and SMS gateways.

Inventory and Database Synchronization

Komodo Eye ensures the "Source of Truth" remains accurate by bi-directionally syncing with asset management and inventory databases.

- CMDBs: Automated pulling of records to sync asset inventory data.
- IPAM Systems: Native integration for managing and pulling IP address schemas.
- PNI Systems: Direct distribution of physical asset and connection data to Physical Network Inventory databases.

Supported Open Standards and API Protocols

Beyond specific vendor support, Komodo Eye remains platform-agnostic by natively ingesting and exporting data via a comprehensive suite of industry-standard protocols.

Modern Web & Streaming

- REST APIs & Webhooks: Primary interface for modern web integration.
- HTTPS APIs: Includes advanced capabilities for screen scraping.
- gRPC / gNMI: Optimized for high-speed, model-driven streaming telemetry.
- OpenTelemetry: Standardized observability framework support.

Legacy & Industrial Standards

- SNMP: Support for v1, v2c, and v3 (polling and traps).
- Syslog: Standardized logging ingestion.
- Industrial Protocols: Modbus and TL1 (Transaction Language 1) for legacy hardware.
- Field Area Networks: TR-069 / TR-369 for LTE and remote edge devices.

Flow and Traffic Analysis

- Flow Protocols: Full support for NetFlow (v5/v9), sFlow, IPFIX, J-Flow, and NetStream.