

Global Fintech Provider Unifies Multi-Domain Visibility and Accelerates Data Center Migration with Selector

Global Leader in Financial Technology | Hybrid Deployment (GKE + Customer Environment)



Problem/Opportunity



A global financial technology provider operating across multiple data centers faced major challenges with visibility and efficiency in its hybrid, multi-domain network. With both legacy and modern systems in production, multiple teams were required to manually correlate data from disparate tools — including infrastructure, firewall logs, and application performance metrics — resulting in slow troubleshooting and inconsistent visibility. The absence of automated data correlation across the network, application, and client layers made it difficult to ensure reliable service delivery during large-scale data center migrations and ongoing modernization initiatives.

Solution



The customer deployed the Selector AIOps platform to unify network, application, and client-level visibility across datacenters. Using flow analysis, entity recognition, and context enrichment, Selector delivered actionable insights that allowed the customer to analyze end-to-end service paths and understand interactions between infrastructure and applications. Key elements of the deployment include:

- Network-application-client flow analysis with rich metadata and visualization dashboards
- Integration with key systems via REST API
- Progressive rollout beginning with a single data center, and now expanding to 50+ data centers globally by 2026
- Planned expansion into AIOps use cases (cross-domain correlation, pingmesh, ChatOps) and firewall policy intent analysis (semantic enrichment, config optimization)

Key Technologies Used



- Data Normalization & Context Enrichment
- AI-Assisted Entity Recognition & Confidence Analysis
- Flow Analysis
- DVR Playback
- REST API Integrations:
 - Splunk
 - Dynatrace
 - Forward Networks
 - ServiceNow
 - Nautobot

Outcomes



- ✓ **Accelerated Migration & Visibility Expansion:** Unified, correlated insight across layers enables faster, data-driven migration from legacy systems.
- ✓ **Operational Efficiency Gains:** Eliminated manual effort for correlating data and tracking migration updates, freeing engineering time for higher-value analysis.
- ✓ **Improved Decision Confidence:** Normalized data and AI-assisted entity recognition deliver clear, reliable context to support incident resolution and policy validation.
- ✓ **Scalable Architecture for Global Growth:** Initial deployment across 1 data center demonstrated measurable ROI; now scaling to ~50 data centers globally by 2026.

Results Snapshot



Metric	Impact
Data Sources Integrated	Splunk, Dynatrace, Forward Networks, ServiceNow, Nautobot
Flows Processed	~8M over 30 days (10 firewalls)
Expansion Plan	1 DC → ~50 Global DCs
Manual Workload	Dramatically reduced through automation