SELECTOR

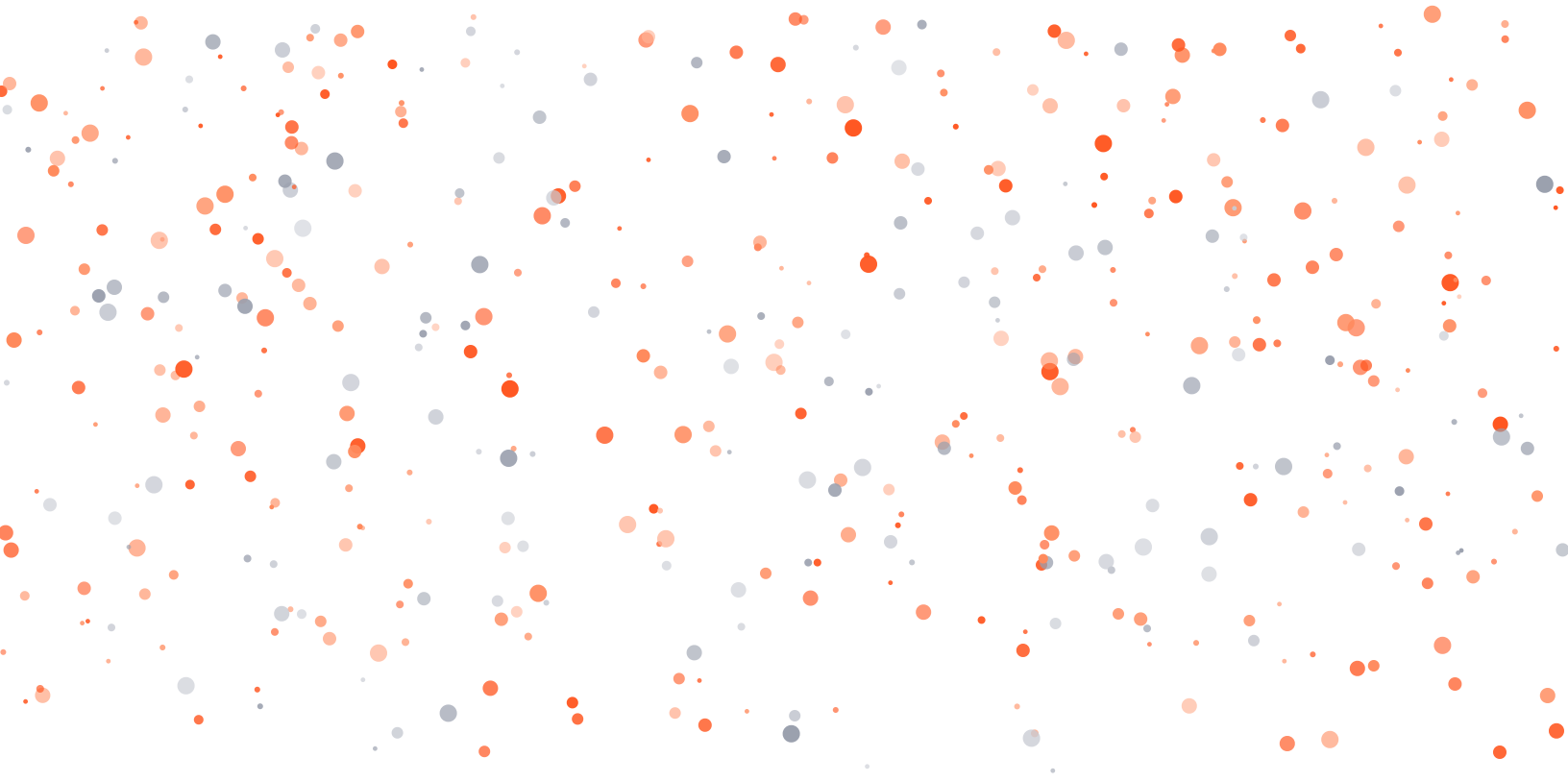
WWW.SELECTOR.AI

Technical Comparison

Selector **vs.** Dynatrace

Observability and Event Intelligence Use Cases

October 2026



How Each Platform Builds Operational Context

Selector collects raw telemetry and operational context together from every vendor, normalizes and enriches it before any model runs, and establishes causation with purpose-built ML before agents act. Dynatrace is an AI-powered observability platform built on OneAgent, the Grail data lakehouse, Smartscape topology, and Davis causal AI. Dynatrace Intelligence combines deterministic causal reasoning with agentic AI.

Selector

Foundry agents	Rosetta, Loom, TicketMaster, Artist, Herald, Sculptor; MCP and A2A.
Collaboration	Natural language, dashboards, ChatOps, ITSM workflows, query-backed APIs.
Knowledge	Anomaly detection, correlation, causation, forecasting, knowledge graph.
Data Hypervisor	ML schema inference, enrichment, ELT raw preservation, routing.
Collection	Horizontal engines near the source; push and pull; independent scaling.
Sources	Any vendor's devices, cloud, CMDB, IPAM, ITSM, tools, and files.

Dynatrace

Dynatrace Intelligence	Agentic AI operating within deterministic causal boundaries.
Davis AI	Causal, predictive, and generative AI; root cause analysis.
Smartscape	Real-time topology and dependency graph.
Grail	Data lakehouse for metrics, logs, traces, and events.
Collection	OneAgent, OpenTelemetry, extensions, and APIs.
Sources	Applications, hosts, Kubernetes, cloud; network devices through extensions.

Where Dynatrace falls short architecturally:

- **Causality strongest in the application stack:** Smartscape is discovered by OneAgent across hosts, processes, and services; network devices are modeled through extensions. Selector's causation is built for the network and infrastructure, alongside cloud and applications.
- **Network depth through extensions:** SNMP and flow data arrive through extensions, and routing protocol analytics are not a core capability. Selector collects streaming telemetry, BMP, IGP, and configuration natively.
- **Agent-based discovery:** Topology depends on OneAgent deployment, which does not run on network devices. Selector builds topology from device telemetry, CDP/LLDP, and configuration.

Copyright Selector Software, Inc.

USE CASE 1: OBSERVABILITY

Multivendor Data Collection

Dynatrace leads in application and cloud observability. Selector adds network-native depth: streaming telemetry, routing protocols, and configuration state.

DATA TYPE	SELECTOR	DYNATRACE
Metrics	SNMP, gNMI and model-driven streaming telemetry, Prometheus-compatible sources, REST APIs.	OneAgent, OpenTelemetry, and extensions; SNMP through extensions. **Native gNMI streaming not described.**
Logs	Syslog from any device, infrastructure, or application, structured by ML; Splunk, Logstash, TACACS.	Log management in Grail with OpenPipeline.
Flow	NetFlow, sFlow, IPFIX from devices or collectors, enriched with application, owner, and criticality.	NetFlow through extensions.
Routing	BGP, BMP/OBMP, and IGP state ingested from customer devices.	**BMP and IGP ingestion not described.**
Configuration	Running and intended config via NETCONF and CLI; drift correlated with impact.	**Network device configuration and drift not described.**
Topology	From SNMP, CDP/LLDP, configuration, and telemetry, across all vendors; digital twin.	Smartscape for applications and hosts; network devices through extensions.
Context	ServiceNow CMDB, NetBox, Nautobot, Infoblox; owner, site, circuit, criticality.	Tags, ownership, and ServiceNow CMDB integration.
Hybrid & multicloud	AWS, Azure, Google Cloud APIs, flow logs, transit gateways, VPCs, correlated with on-prem.	Strong: AWS, Azure, Google Cloud, Kubernetes.
Digital experience	ICMP and UDP probes, ThousandEyes, traceroute, custom tests.	Strong: synthetics and next-generation RUM.
Files / streams	Kafka, CSV, Excel, Google Sheets.	Ingestion APIs and OpenPipeline.

Dynatrace gaps

- BMP and IGP ingestion not described.
- Network device configuration and drift not described.
- Network devices modeled through extensions rather than core topology.

Selector value

- Streaming telemetry, flow, routing, configuration, and context from any vendor in one pipeline.
- Routing changes tied to the services they affect, from BMP and IGP state on the customer's own devices.
- Ingestion from files and streams for data with no API.

Copyright Selector Software, Inc.

USE CASE 1: OBSERVABILITY

Data Normalization and Enrichment

Both platforms enrich data with topology before analysis. Dynatrace's enrichment is centered on OneAgent-discovered application topology; Selector's spans network devices, routing, and context sources.

CAPABILITY	SELECTOR DATA HYPERVISOR	DYNATRACE
Schema inference	ML infers structure from free-form logs, syslog, traps, and CLI output; no parsing templates.	OpenPipeline processing and semantic dictionary. **ML schema inference for free-form network logs not described.**
Entity resolution	Named-entity and clustering models group events across vendor and format variations.	Smartscape entities from OneAgent discovery.
Enrichment	Topology, dependency, owner, site, maintenance state, and criticality added before analysis.	Tags, ownership, and Smartscape context.
Data fidelity	ELT: raw data lands with original timestamps; transformation follows.	Grail retains raw data per retention settings. **Network state replay not described.**
Noise suppression	Duplicate, flapping, and irrelevant signals removed before the intelligence layer.	Davis problem detection and event merging.
Business logic	Maintenance windows, provider notices, suppression, and criticality in YAML via DevOps workflows.	Maintenance windows and alerting profiles.
Customization	S2ML tunes enrichment, labeling, noise rules, prioritization, and LLM output.	Extensions, DQL, and workflows.
Data access	Every view is a query and can be exposed as an API endpoint; MCP server.	DQL, APIs, and MCP server.

Dynatrace gaps

- OpenPipeline processing rules are authored per source.
- Network device context is limited compared with application context.
- Network state replay not described.

Selector value

- Learned normalization: no parsing templates or rules to maintain.
- Raw records retained with original timestamps for replay and re-analysis.
- One enrichment layer applies topology, ownership, maintenance, and criticality to every signal.

Copyright Selector Software, Inc.

USE CASE 1: OBSERVABILITY

AI-Powered Operational Analytics

Both platforms apply AI to telemetry. Dynatrace's strength is application and cloud analytics; Selector's is network-native causation across every domain.

CAPABILITY	SELECTOR	DYNATRACE
Anomaly detection	**Self-supervised, statistical, and regression models.** A model per time series, retrained every 30 minutes, with seasonality.	Davis adaptive baselines and anomaly detection.
Log analysis	**Small language models.** Log semantics interpreted, clustered across vendors, and turned into structured events.	Log analytics and pattern detection in Grail.
Prediction	**Forecasting and predictive models.** Capacity forecasting and optical transceiver failure prediction.	Davis predictive AI and forecasting. **Optical failure prediction not described.**
Cross-domain analysis	**One model across domains.** Correlation runs automatically across network, cloud, and application signals.	Strong across applications, hosts, and cloud.
Natural language	**Rosetta.** Plain-language questions answered with every claim linked to source data.	Davis CoPilot translates questions into DQL.

Dynatrace gaps

- Causal analysis is strongest across application and host topology.
- Network-device causation depends on extension coverage.
- Optical failure prediction not described.

Selector value

- Per-series models retrained every 30 minutes detect anomalies no threshold would catch.
- Automatic correlation across network, cloud, and application signals in one model.
- Optical failure prediction and capacity forecasting before impact.

Copyright Selector Software, Inc.

USE CASE 2: EVENT INTELLIGENCE

Event Correlation and Root Cause

Dynatrace is the closest competitor to Selector on causation: Davis determines root cause deterministically over Smartscape. The difference is scope: Selector's causation covers network devices, routing, and optical layers natively.

CAPABILITY	SELECTOR	DYNATRACE
Inputs	Alerts and the raw telemetry, logs, flow, and configuration behind them, correlated together.	Davis problems from Dynatrace data and ingested third-party events.
Correlation method	Contextual embeddings and clustering by shared devices, interfaces, IP addresses, topology, and time.	Smartscape-based causal grouping into problems.
Noise reduction	Up to 99.9% of irrelevant noise removed before correlation.	Davis merges related events into a single problem.
Root cause	Deterministic causation from topology and domain logic: reboot, then link failure, then BGP flap.	Deterministic causal AI over Smartscape topology.
Symptom vs. cause	Downstream effects labeled as consequences, not separate faults, across every domain.	Root cause and impact separated within Smartscape topology.
Change correlation	Configuration diffs and change events correlated directly with degradation.	Deployment and configuration events linked to problems.
Evidence and replay	Every finding links to source data; Network DVR replays past network state.	Problem evidence and timelines. **Network state replay not described.**

Selector example

The Loom agent resolved 214 alerts across six tools to a single fiber cut on one long-haul span, labeled routing reconvergence and cloud failover as consequences, and flagged the secondary path at 78% utilization as the next risk.

Where Davis reasons

Davis traverses Smartscape to find the root cause among services, processes, and hosts. When the cause is a fiber cut, BGP flap, or failing optic, it lies outside the topology OneAgent discovers.

Dynatrace gaps

- Causation covers Smartscape topology; network routing and optical layers sit largely outside it.
- Network symptom-versus-cause labeling depends on extension data.
- Network state replay not described.

Selector value

- Alert floods collapse into one incident with a named cause, consequences, and next risk.
- Telemetry, logs, flow, and configuration correlated with alerts in one model.
- Every finding is traceable and reproducible with Network DVR.

Copyright Selector Software, Inc.

USE CASE 2: EVENT INTELLIGENCE

Agents, ITSM, and Governed Action

FUNCTION	SELECTOR FOUNDRY	DYNATRACE
Investigation	**Rosetta.** Interprets plain-language intent, dispatches agents across domains, returns one cited thread.	**Dynatrace Intelligence.** Agentic AI within causal boundaries; Davis CoPilot.
Correlation / RCA	**Loom.** Connects time, topology, changes, and domains into one incident with a root cause.	**Davis AI.** Causal root cause over Smartscape.
ITSM	**TicketMaster.** Bi-directional ServiceNow sync across the lifecycle, with per-customer field mapping and incident-aware deduplication.	ServiceNow integration.
Communications	**Herald.** Executive briefs, ops updates, and post-incident reports from the verified record.	Problem notifications and summaries.
Custom agents	**Sculptor.** Turns a described playbook into a governed agent with goal, tools, triggers, and approval points.	Workflows and AutomationEngine. **Governed agents built from described playbooks not described.**
Action	Agents investigate, act, and verify within operator-set limits on high-confidence findings.	AutomationEngine workflows and remediation.
MCP	Production MCP server with OAuth2, granular RBAC over insights, recommendations, and actions.	MCP server for Dynatrace data.
Deployment	SaaS, on-premises, customer cloud, or air-gapped.	SaaS and Managed.

Dynatrace gaps

- Turning the customer's own playbooks into governed agents is not described.
- Network-native remediation depth not described.
- Deployment limited to SaaS and Managed.

Selector value

- Sculptor builds governed agents from the team's own playbooks, acting only on verified findings.
- MCP server shares insights and governed actions with other agent platforms.
- Every Foundry agent is available now, in every deployment model.

Copyright Selector Software, Inc.

Functionality Gained with Selector

Capabilities a Dynatrace customer adds with Selector, whether Selector runs alongside Dynatrace or replaces it.

1. One model across the estate

Network, cloud, application, and context signals from every vendor correlated automatically in one model.

2. Causation that includes the network

Deterministic root cause across network devices, routing protocols, optics, and configuration, not only the application and host topology an agent discovers.

3. Detection beyond thresholds

Per-series models retrained every 30 minutes find conditions no static threshold or rule would catch.

4. Network data without extensions

gNMI streaming telemetry, BMP/OBMP and IGP analytics, and configuration state collected natively, plus optical failure prediction.

5. Full-fidelity history

Raw data preserved with original timestamps; Network DVR replays past network state so findings can be verified and re-run.

6. No templates to maintain

Learned normalization infers structure across vendors and formats, replacing parsing rules and custom collection scripts.

7. Your playbooks as agents

Sculptor turns the team's own runbooks into governed agents with approved tools, triggers, approval points, and audit.

8. Governed action through MCP

Selector's MCP server exposes insights, recommendations, and actions to other agent platforms under OAuth2 and RBAC.

9. Custom outcomes with engineers

Forward deployed engineers build integrations, data models, views, and agents on the customer's own data.

10. No rip-and-replace

Selector deploys alongside Dynatrace and ingests from existing tools and APIs, adding causal root cause and governed agents above them.

Copyright Selector Software, Inc.

Selector Patents Driving Innovation

The techniques that define the Selector platform are covered by Selector's U.S. patent portfolio. Patent records are available on request.

CAPABILITY	WHAT SELECTOR'S PATENTED APPROACH DELIVERS
Root Cause Analysis	Deterministic causation across every domain.
Reproducible Investigations	Network DVR replays network state so an investigation can be re-run.
Log Intelligence	Structured signal from any vendor's syslog without parsing templates.
Conversational Investigation	Learns each customer's names for sites, services, and devices without manual labeling.
Custom Outcomes on Demand	Declarative query chains for drill-downs and customer-specific views.
Operational Context	Maintenance-window-aware alerting and reporting.
Optical Failure Prediction	Flags failing optics before they cause an outage.
Capacity Planning	Forecasts capacity limits before they affect services.
Scale	Efficient storage and querying of millions of data points per minute.

Copyright Selector Software, Inc.

Selector vs. Dynatrace at a Glance

CAPABILITY	SELECTOR	DYNATRACE
OBSERVABILITY		
Data Collection	Any vendor, including gNMI, BMP/IGP, flow, config, and file sources, in one pipeline.	Strong app and cloud; network via extensions.
Normalization	Learned schema inference; ELT raw preservation.	OpenPipeline and Smartscape.
Detection	Per-series models retrained every 30 minutes.	Davis adaptive baselines.
Cross-Domain Analysis	Automatic correlation in one model.	Strong across app, host, cloud.
EVENT INTELLIGENCE		
Correlation	Alerts plus the raw telemetry behind them.	Davis problems.
Root Cause	Deterministic causation with symptom labeling.	Deterministic causal AI over Smartscape.
Reproducibility	Network DVR replay; source-linked evidence.	Problem evidence.
Custom Agents	Sculptor builds governed agents from playbooks.	Workflows.
MCP	Server for insights, recommendations, and governed actions.	MCP server.
Deployment	SaaS, on-premises, or air-gapped.	SaaS and Managed.

The Bottom Line

Dynatrace is a leading observability platform with deterministic causal AI over its Smartscape topology and strong application, cloud, and digital experience coverage.

Selector applies deterministic causation where network and infrastructure teams need it: across devices, routing, optical, and configuration from every vendor, with raw-data replay, flexible deployment, and governed agents built from your own playbooks.

30 min	99.9%	8x
Model retraining cycle	Noise reduction	Faster resolution per P1

See Selector on your own data

Request a Demo

www.selector.ai | sales@selector.ai

Copyright Selector Software, Inc.