SELECTOR

Selector Analytics

Architected for Complexity

The Problem

Availability and performance expectations are increasing, but adding incremental standalone network operations tools only adds complexity to an already challenging environment.

There are **three** critical challenges facing Operations Teams:

1. Heterogeneous data is collected in silos
2. Siloed data has to be manually correlated to connect the dots
3. Teams have siloed views of what anomalies exist and where to start triage

Heterogeneous Data
is **Collected** and stored across independent platforms and tools

Manual Analysis
is painstaking, and **Correlating** data is time consuming when it's in different visual formats and time codes
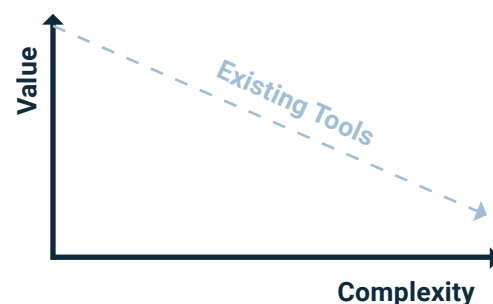
Siloed Teams
Collaborate by sharing data sourced across disparate tool sets

Figure A. Three critical operations challenges

The impact of added complexity

ROI decreases as a function of the increased complexity that comes with adding new tools

The added complexity from these new tools often reduces availability and performance rather than improving it
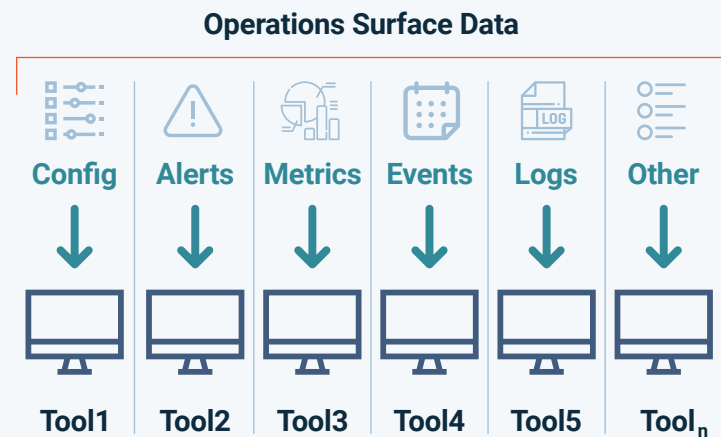

Selector Analytics solves these challenges through data aggregation, normalization and enrichment of heterogeneous data, correlation of that data, and providing a simple, easy to use interface for your teams to access and share analysis.

For more information, please reach out to **info@selector.ai** or visit **www.selector.ai**

The Selector Analytics value equation: Consolidated Analytics

Operations team members, each with their own view of the operations data surface, need to meet and coordinate a view of where to start triage.

Operations Surface Data

| Config	Alerts	Metrics	Events	Logs	Other
Tool1	Tool2	Tool3	Tool4	Tool5	Tool$_n$

Siloed Tools and Analytics

- Many tools
- Many dashboards
- Many siloed views of the network that have to be pieced together when an anomaly occurs

Worse still, time can be wasted triaging dead ends and insignificant anomalies. Time to detection, time to triage, and time to repair (or innocence) can be extended by 30 minutes, 60 minutes, or even much greater periods of time.

Game-changing insights come from the ability to ingest, analyze, and correlate across any data, regardless of format, source, or vendor. The ability to connect the dots across the entire operations data surface leads to ranked, actionable insights that other siloed tools cannot match. Selector Analytics not only simplifies operations by consolidating many data silos into a single platform, it also generates insights as a result of that consolidation.
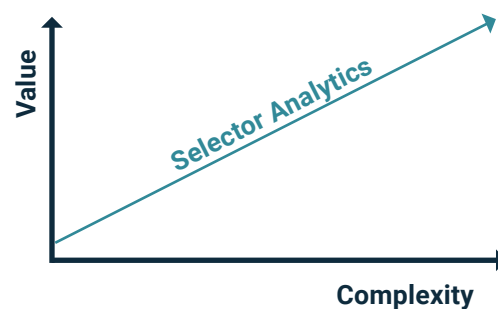
ROI increases with the amount and types of data fed into the machine learning algorithms

Availability is improved through rapid root cause analysis via correlated events

Operations Surface Data

Config	Alerts	Metrics	Events	Logs	Other

Value derived through consolidation
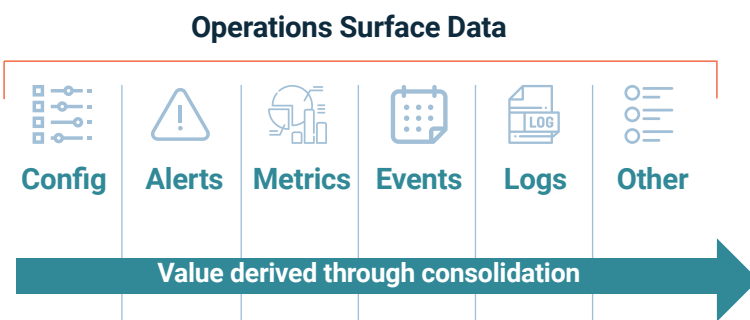
Consolidated Analytics

- The dots are connected for you
- See anomalies not observed by siloed tools
- Anomalies ranked by network impact

The Selector Analytics Value Equation: Simplicity

Selector Analytics transforms the Operations experience. Your teams can interact with all of your data on a single pane of glass.

They can generate and share within collaboration environments drill down information using easy to understand natural language queries such as "/select BGP down correlations". Correlations can also indicate what initiated an anomaly, for example a configuration change.

Selector Analytics is a completely new way of approaching anomaly detection and remediation. While some tools go very deep on a single or small number of data sources, Selector Analytics correlates all data, seeing anomalies that would not otherwise be observed and quickly identifying where triage should begin.

Say Goodbye

Large Arrays of Screens

Static Dashboards

Chasing Noise

Disjointed Collaboration

Experience the **simplicity** of Selector Analytics
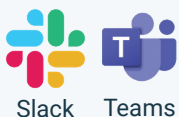
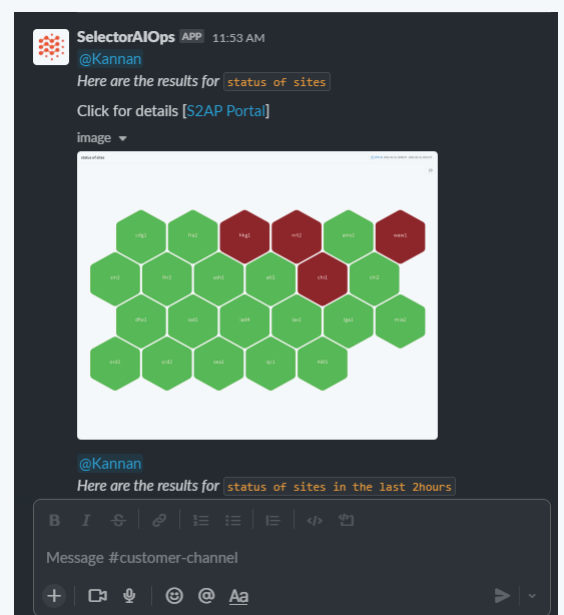Powerful visualizations that work for any screen size

Intuitive Natural-Language queries

Incidents ranked by network impact

Seamless integration with collaboration tools

Slack   Teams

SelectorAIOps APP 11:53 AM
@Kannan
Here are the results for status of sites
Click for details [S2AP Portal]
image ▾

@Kannan
Here are the results for status of sites in the last 2hours

B I S̶ 🔗 ⊞ ☰ ≣ </> 🔁

Message #customer-channel

+ 🎥 🎤 ☺ @ Aa   ➤

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The Selector Analytics Value Equation: Ease and Speed of Deployment

Automation is ingrained in the platform, minimizing configuration time

- ✓ Deploy synthetic agents natively through the interface
- ✓ Thresholds set automatically with machine-learning algorithms
- ✓ Webhooks and northbound API's to trigger other automation platforms
- ✓ New data feeds immediately ingested as soon as the platform receives them

While AI/ML experts can modify Selector Analytics, no operations team needs to be AI/ML experts to leverage its power.

Selector Analytics starts generating game changing insights within 30 minutes of going live

The time to first value is rapid. Within 30 minutes of install, thresholds are automatically set, and the platform is ready to start delivering actionable insights. The time to ongoing/anomaly value is also rapid. All the analytics are automated and executed quickly. What once took 30+ minutes to understand where triage should begin, now takes less than 10 minutes. Total MTTR can drop from 30+ minutes to less than 10 minutes, a 60%+ reduction in MTTR. Over time, the Selector goal is to reduce 10 minutes to as close to zero as possible.

Thereafter, automated workflows ensure that ongoing mean time to value is rapid, in the form of reduced Mean Time To Innocence (MTTI), Mean Time To Detect (MTTD), and ultimately, Mean Time To Repair (MTTR). This results in always ready, INSTANT, actionable insights.

- ✓ **Eliminate MTTD / Focus on Your Core Compentency**
- ✓ **Gain the Benefit of AI / ML without being AI / ML Experts**

AI/ML Workflows:	Time to Value:	Time to Triage:
Automated	**Hours from Install**	**Seconds**

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Conclusion

The more complex the anomaly, the more data required to understand the anomaly, the greater the MTTR reduction.

The gains of today's operations tools decline as complexity increases. Selector Analytics savings increase as complexity increases, because the operational savings increase.

Cloud, overlay networks, digital transformation, SaaS, and more have created new complexities and increased expectations.

Selector Analytics is the next generation of operations tooling and is specifically architected for these new complexities. Our instant and automated analytics, corrrelation across data silos and simplicity of use will get your teams meeting increased expectations almost immediately after deployment.

Selector Analytics Solutions

Built by **Network and Data Science Experts** for **Network Operations**

Network Health

- Network Innocence
- Network anomalies

Configuration Compliance

- Configuration Change Correlation
- Change to timeline / audit

Synthetic Analytics

- Availability
- Performance

New solutions enabled by a **new approach** resulting in **usable AIOps**

Simple

Slack   Teams

Any Data

Config   Alerts   Metrics   Events   Logs   Other

Instant

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