Solution Brief

Imperva Delivers a Powerful Pre-Processor for Splunk Optimization and Savings

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Imperva seamlessly reduces Splunk database monitoring costs by 95%, preserves transparent access to raw data, and provides richer security insights

For many enterprises, Splunk acts as the primary repository for database activity logs generated by native logging and DAM tools. Given that these logs can represent >40% of the data indexed into Splunk, and will only grow in size moving forward, this approach has quickly become very expensive.

At the same time, most SOC teams continue to interact with low-level raw data and do not receive the rich, high-quality data they need to rapidly take appropriate actions. To achieve higher value data, SOC teams require expensive Splunk development efforts and time to more effectively isolate critical events.

Imperva enhances your Splunk integration to provide the best of both worlds: reduce Splunk licensing costs while also optimizing your data security program with the addition of a broad range of new capabilities purpose-built for data security. Imperva pre-processing pushes only the intelligence extracted from raw data into Splunk at a fraction of the cost and enables Splunk to be much more effective at incidence response and enterprise level correlation. Splunk receives only the critical events it needs from data security tools, enabling SOC teams to more easily interpret them without needing to wade through irrelevant raw data. This unprecedented visibility enables SOC teams to easily follow chains of events and in a single view gain real security insights.

Infosec leaders: reduce Splunk database activity indexing costs by 95%

Imperva does all the heavy lifting – capturing and retaining the raw data, analytically reducing this to manageable information and forwarding key events directly to Splunk. Imperva presents security events in an easy to understand format with embedded
data enrichment, making the analysts more effective by providing a clear lens into critical events.

SOC teams: Imperva does the mining, you get the gold

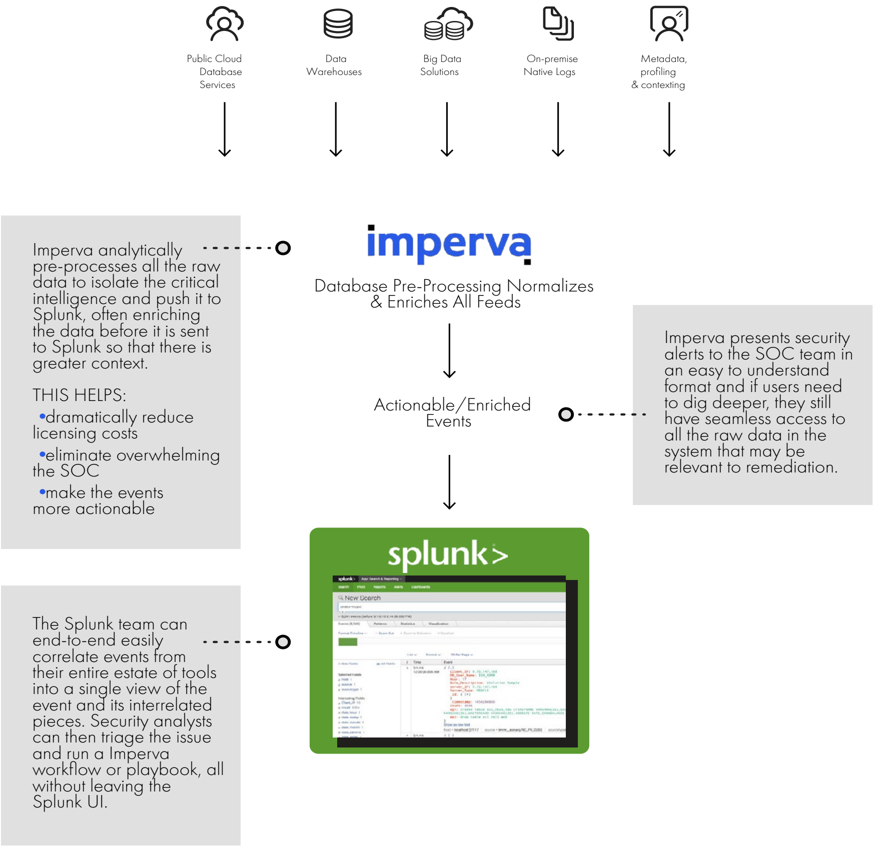
Besides the intelligent pre-processing, Imperva's unique bidirectional integration lets Splunk users seamlessly access all the raw data stored in Imperva using the Splunk UI, despite not having indexed this massive data set into Splunk.

Imperva pre-processing optimizes another core benefit of the Splunk platform, the end-to-end correlation of disparate data streams.

The Splunk team can easily correlate events end-to-end from their entire estate of tools into a single view of the event and its interrelated pieces. Security analysts can then triage the issue and run a Imperva workflow or playbook, all without leaving the Splunk UI.

Imperva analytically pre-processes all the raw data to isolate the critical intelligence and push it to Splunk, often enriching the data before it is sent to Splunk so that there is greater context.

This helps dramatically reduce Splunk licensing costs, cost-effectively expand database activity visibility and retention, and enrich key events with context for faster remediation.


Public Cloud Database Services
Data Warehouses
Big Data Solutions
On-premise Native Logs
Metadata, profiling & contexting
imperva
Database Pre-Processing Normalizes & Enriches All Feeds
Actionable/Enriched Events
splunk>

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THIS HELPS:

- dramatically reduce licensing costs
- eliminate overwhelming the SOC
- make the events more actionable

Imperva presents security alerts to the SOC team in an easy to understand format and if users need to dig deeper, they still have seamless access to all the raw data in the system that may be relevant to remediation.

The Splunk team can end-to-end easily correlate events from their entire estate of tools into a single view of the event and its interrelated pieces. Security analysts can then triage the issue and run a Imperva workflow or playbook, all without leaving the Splunk UI.

About Thales Trusted Cyber Technologies

Thales Trusted Cyber Technologies, a business area of Thales Defense & Security, Inc., is a trusted, U.S. provider of cybersecurity solutions dedicated to U.S. Government. We protect the government's most vital data from the core to the cloud to the edge with a unified approach to data protection. Our solutions reduce the risks associated with the most critical attack vectors and address the government's most stringent encryption, key management, and access control requirements.

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