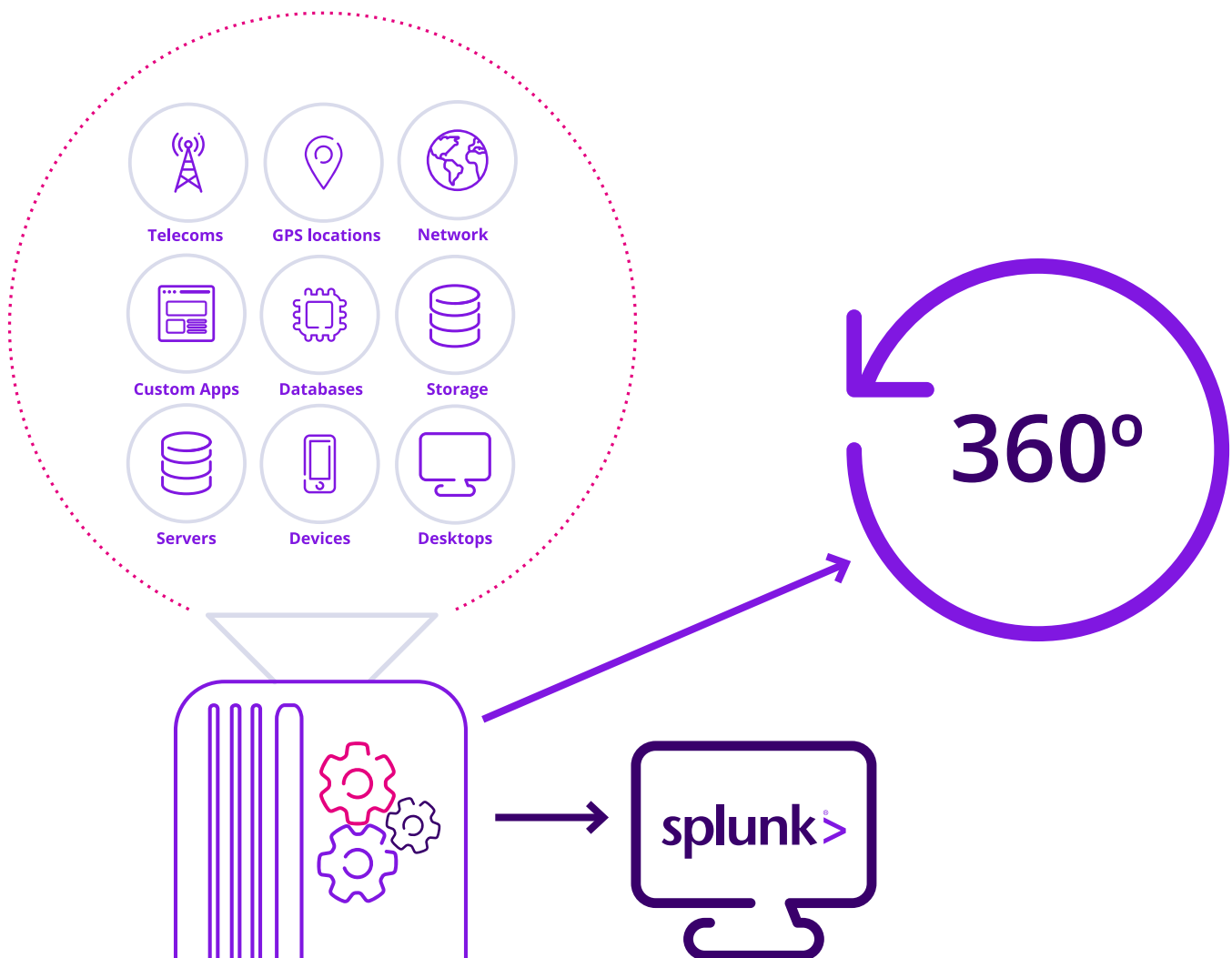# **Ironstream** for Splunk®

Integrating your critical security and operational machine data from IBM mainframe and IBM i systems into Splunk for a complete picture of your IT environment

To manage today's IT infrastructure, you need to have a single, comprehensive view of all the systems in your environment. Splunk is the IT platform of choice for many companies but it does not support collection of machine data from traditional IBM mainframe and IBM i systems. Precisely Ironstream makes it simple to collect, transform and securely stream data from these traditional IBM platforms into Splunk with no need for mainframe or IBM i expertise.

Ironstream is the industry's leading automatic forwarder of z/OS mainframe log data and IBM i machine data to Splunk Enterprise. Mainframe and IBM i data forwarded by Ironstream can be merged with other machine data from across an organization's IT infrastructure to support enterprise-wide IT Operations Analytics (ITOA), Security Information and Event Management (SIEM) and IT Service Intelligence (ITSI).

Telecoms	GPS locations	Network
Custom Apps	Databases	Storage
Servers	Devices	Desktops

360°

splunk>

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Best-in-Class Solution Provides Real-time Insights

Ironstream makes it easy and cost-effective for organizations to get a real-time, 360-degree view of their IT infrastructure.

- **Less complexity** breaks down silos and seamlessly integrates with Splunk for a single view of all your systems, with no mainframe expertise required

- **Clearer, more precise security information** with complete visibility into enterprise wide security alerts and risks for all systems

- **Healthier IT operations** because anomalies in the IT environment are accessible for analytics and diagnosis along with the information coming from other platforms

- **Better problem-resolution management** with real-time access to data so you can act fast

- **Higher operational efficiency** enabled by advanced filtering of records, utilization of zIIP processors, and data loss protection.

- **Visibility into cross-platform transactions** to monitor and improve IT service delivery and application performance

- **Integrates with Splunk Enterprise Security*** ensuring that mainframe security information is correlated and displayed alongside security data from distributed platforms in all Enterprise Security dashboards

- **Integrates with Splunk IT Service Intelligence*** ensuring that the KPIs for mainframe components including CICS and DB2 are mapped to critical business services for total visibility into IT service delivery

- **Ironstream Data Model** helps Splunk users without mainframe or IBM i expertise to easily understand the logs and journals forwarded from these systems, so they can be accurately incorporated into their Splunk dashboards

- **Ironstream API*** enables COBOL, REXX, and Assembler applications to directly forward application data to an analytics platform for enhanced visualization of application information

- **zIIP Processors utilized*** to reduce CPU consumption and minimize overhead associated with capturing and forwarding data to analytics platforms

- **Logstream SMF collection*** enables asynchronous collection of SMF data in high transaction rate systems to ensure application performance and low latency

* IBM mainframe only

Key Features

Support for all critical IBM mainframe z/OS data sources including:
- IMS log data
- SMF, LOGREC and Syslog records
- Security information from RACF, ACF2, and Top Secret
- Resource Measurement Facility III data
- UNIX Systems Services (USS) and Log4J files
- Network-performance data

Advanced Filtering of captured data uses low overhead exits with no log stream dependencies. Filtering reduces data volume and network traffic ensuring that only critical records and fields required for desired analytics and visualization are forwarded.

Support for all critical IBM i data sources including:
- Operating System
- Message Queue Data
- System Audit Journal
- Custom Data
- History Log (QHST)
- System Performance Data
- IFS Logs
- Job Logs
- and more...

> With extensive support for critical IBM mainframe and IBM i data sources, Ironstream enables organizations to keep their IT infrastructure secure and performing at its best.