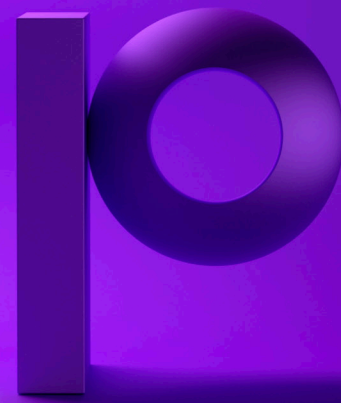# **Ironstream** for Microsoft® System Center Operations Manager (SCOM)

Extend Microsoft SCOM to include IBM Mainframe and IBM i Environments

Today's competitive business landscape demands that organizations have a consolidated view of IT operations for proactive IT management. They need to optimize infrastructure to reduce costs, improve application availability, enhance service delivery, and see an immediate return on their investment in the tools they choose.

Achieving these objectives requires a complete picture of the enterprise. They need a single effective management interface that supports their entire computing infrastructure.

Companies that are using Microsoft System Center Operations Manager (SCOM) have a potential blind spot in their IT picture. IBM mainframe and IBM i systems are not managed by default. In order to get the 360 view they need, they need to have these mission-critical systems included in this view. Ironstream works seamlessly with Microsoft SCOM to integrate event and system performance data and monitor the status and health of these traditional IBM systems and their standard applications.

As a tightly integrated component of Microsoft SCOM, Ironstream provides IT Operations staff the ability to take immediate corrective action, based upon the centrally deployed policies for important or critical messages and events.

Benefits

- True end-to-end enterprise IT operations management

- Visibility into the status and health of the IBM systems and their standard applications.

- Seamless integration with Microsoft SCOM dashboards

- Fast deployment for fast ROI
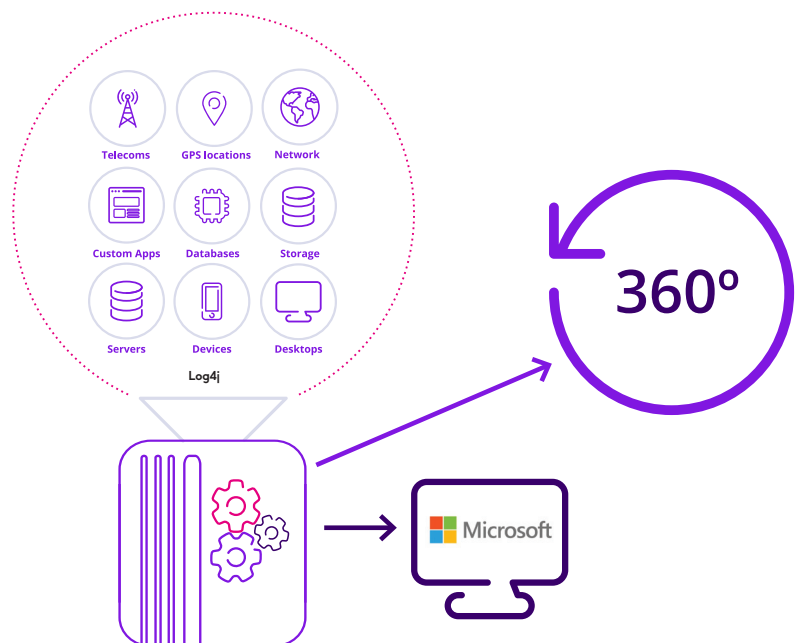
How Ironstream for Microsoft SCOM Works

Ironstream's lightweight agents capture all available IBM mainframe or IBM i information and seamlessly transfer it to the client agent being monitored and managed by Microsoft SCOM. Ironstream captures system performance statistics, system and application messages, and security related events from the system and communicates that information to Microsoft SCOM. IT operations staff can easily troubleshoot, automate and correlate diagnostic data in Microsoft System Center from other systems in the environment with the data from IBM mainframe and IBM i environments. These systems are then managed, monitored and reported on just like other server environments, giving IT Operations a consistent and common tool for the entire enterprise.

Advanced Filtering Capabilities

While monitoring systems like Microsoft SCOM collect vast amounts of data, it's not a matter of just collecting the data; it's a matter of filtering and displaying the right data to the right people at the right time.

You can have alerts that tell you that something is wrong and needs attention, reports showing historical data and dashboards that show actionable, real time data in a visual fashion that can be personalized.

Ironstream for Microsoft SCOM contains hundreds of pre-defined rules to generate alerts for various important system messages and performance thresholds. In addition, it is very simple to customize alerts and override severities and thresholds for your environment's specific needs.

What is Collected for IBM Mainframe Environments

Ironstream makes it simple to collect mainframe operational and security data including:

- Operating System

- CICS Event and Transaction Data

- RMF System Performance

- SMF records

- RACF (security)

- JES2

- MQ Series

- IMS

- Db2

- and more….

What is Collected for IBM i Environments

Ironstream makes it simple to collect IBM i operational and security data including:

- ASP State

- Independent ASPs

- ASP Individual Disk Utilization

- Audit Journal Alerts

- Job Queue State

- Job Queue Status (HELD)

- Job/Subsystem State

- Maximum Jobs in System

- Memory Pool State

- Threshold Monitoring

- I/O per second

- TIMW Status

- Message Queue Alerts

- MQ Series States

- TCP Connection Status

- CMTW Status

- MTXW Status

- Output Queue State

- Services State

- Agent Connection

- Wait Status Monitoring

- Job Wait Status Change

- Permanent Addresses

- Temporary Addresses

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