

Syncsort Ironstream® Transaction Tracing

Get Unprecedented Visibility into Your Cross-Platform Transactions on the Mainframe

The Need for Transaction Tracing

The growth of large-scale business services that incorporate web and mobile applications has exploded across all industries, but particularly in those sectors with a significant reliance on the mainframe, including banking, insurance, financial services, retail, and healthcare, among others. These services – which include transactions that originate on a tablet, phone, etc. and connect to back-end applications hosted on the mainframe – tend to be very visible to customers, partners, executives and investors. Unacceptable response times and unreliable performance do not go unnoticed.

Organizations vigilantly monitor the overall end-user experience to detect potential problems but have poor visibility into what happens to them on the mainframe because they can't adequately track them in detail across the platforms. They might know how long a transaction spends on the mainframe but have no way to know what it is doing within multiple systems and subsystems, including CICS and Db2. This lack of visibility can have significant consequences on service levels.

Transaction Tracing Overview

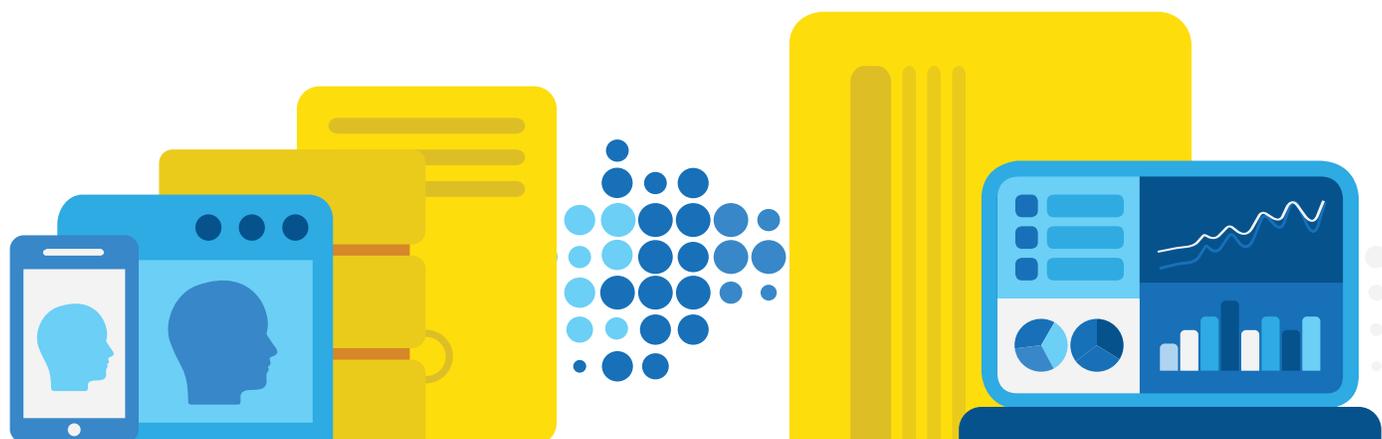
Ironstream® Transaction Tracing enables organizations to get deep insight into web-based and mobile transactions' impact on the mainframe, with unprecedented granularity that enables them to monitor and improve IT operations and application performance. It's a lightweight tool with a minimal footprint that leverages Syncsort Ironstream's unmatched ability to deliver machine data in real-time to leading platforms for operational analytics, like Splunk® Enterprise and Splunk® IT Service Intelligence, without mainframe expertise.

Ironstream Transaction Tracing uses a transaction identifier to correlate transaction workloads through CICS and Db2 on z/OS and provide the data to Splunk for a visualization of various performance attributes of the correlated units of work. This includes time spent in the CICS and Db2 sub-systems along with resources consumed to support the transactions.



Key Features and Benefits

- **Expand Visibility into the Total End-user Experience:** Tracks transactions initiated on and off the mainframe – including mobile and web platforms -- and feeds data in real-time to Splunk Enterprise to take advantage of its advanced analytics and visualization.
- **Provide Deeper Visibility into Mainframe Impact:** Provides critical information on overall transaction response time, with the ability to drill-down into transaction details including time spent, and resources consumed, on CICS and Db2 on z/OS.
- **Support Business Service Management Initiatives:** Enables transaction problem isolation and resolution for long-running transactions, to meet SLAs, improving application performance and end-user experience.
- **Integrate with Splunk IT Service intelligence:** Allows Splunk® IT Service Management users to drill-down to see added detail for transactions that hit key mainframe resources and proactively respond to slow growing problems within CICS and Db2 that might impact business critical SLAs.



Learn how Syncsort Ironstream® enables organizations to get real-time operational intelligence and security insights from the mainframe. Visit:

www.syncsort.com/ironstream

ABOUT SYNCSORT

Syncsort is a provider of enterprise software and the global leader in Big Iron to Big Data solutions. As organizations worldwide invest in analytical platforms to power new insights, Syncsort's innovative and high-performance software harnesses valuable data assets while dramatically reducing the cost of mainframe and legacy systems. Thousands of customers in more than 85 countries, including 87 of the Fortune 100, have trusted Syncsort to move and transform mission-critical data and workloads for nearly 50 years. Now these enterprises look to Syncsort to unleash the power of their most valuable data for advanced analytics. Whether on premise or in the cloud, Syncsort's solutions allow customers to chart a path from Big Iron to Big Data. Experience Syncsort at www.syncsort.com.