

Mainframe Data Integration – SAS Language Processor

Why is it Important?

Luminex's Mainframe Data Integration (MDI) SAS Language Processor (SLP) is a vital solution for organizations running SAS on the mainframe, delivering transformative enhancements in operational efficiency. By offloading CPU-intensive SAS processing to an off-host environment, SLP reduces SAS mainframe CPU utilization by up to 99% and improves processing times from hours to minutes. This streamlines and enhances SAS-based reporting, delivering significantly faster insights, empowering data-driven decision-making, and uncovering new opportunities for business intelligence.

Business Challenges for Data Sharing

- **Limited Analytical Capabilities:** Mainframe based SAS restricts the ability to efficiently aggregate and analyze data from both mainframe and distributed systems for enterprise-wide insights
- **Extended Processing Time:** Mainframe SAS processing takes a substantial amount of time and resources, delaying access to critical analytical data
- **Resource Constraints:** SAS workloads are often assigned a low priority to avoid affecting the Rolling 4-Hour Average, delaying the availability of business insights
- **Scalability Issues:** Ever expanding data growth is outpacing available processing windows, impacting SLAs

Technical Challenges

- Excessive CPU utilization from SAS jobs
- Prolonged processing time
- Low-priority processing
- Massive and growing data volume
- Inefficient data management
- Scalability constraints
- Complex code maintenance

Key Plays

- Enable rapid data processing to ensure timely insights over more data
- Faster access to business critical intelligence for strategic business decisions
- Move processing off-host, reducing CPU cycles and processing times
- Mainframe remains in control of job streams
- Free mainframe resources to satisfy latent demand for business-critical tasks

Why Now?

- Unlock new business intelligence
- Up to 95% reduction in wall-clock time
- Up to 99% reduction in MSUs for SAS reporting
- Reduce cost and operational complexity

Data Sharing

Facilitates easy data movement and shared analytics across mainframe, open systems, and cloud based environments.

Industry Leadership

Established in 1994, Luminex specializes in mainframe virtual tape and FICON solutions, trusted globally and across all industries.

Learn More

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