

Syncsort MFX for z/OS Version 1.4

The industry's leading high-performance mainframe sort technology for over 40 years

The majority of the world's enterprise revenue- and profit-producing applications, data, and transactions remain on mainframe systems. However, the high capital outlays and costs per transaction associated with mainframes have caused them to be expensive to operate and maintain.

For more than 40 years, customers have benefited from Syncsort's industry-leading sort product to solve these efficiency and performance challenges. Syncsort MFX for z/OS is a high-performance sort/merge/join/copy utility designed to leverage the advanced facilities of the IBM z/OS operating system and System z servers.

Syncsort MFX for z/OS 1.4 (MFX 1.4) features advanced functionality that significantly enhances the company's unique position and leadership in delivering world-class mainframe sort solutions to the market. The following sections highlight these product enhancements:

Superior Performance & Efficiency

Benchmarks for MFX 1.4 have shown improvements of up to 20% in CPU time and 10% in elapsed time compared with the previous release of the product - and improvements of up to 50% in CPU time and 30% for elapsed time versus DFSORT.

- **Increased zIIP Exploitation:** MFX 1.4 extends System z Integrated Information Processor (zIIP) exploitation, to include additional sort processing. Offloading sort processing to a zIIP lowers the billable CPU time associated with sorting. These savings reduce software licensing costs and delay costly upgrades.
- **Enhanced MIDAW Capabilities:** MFX 1.4 delivers additional CPU efficiencies by leveraging additional MIDAW capabilities.

SYNCSORT MFX FOR Z/OS IS:

- **Fast & Efficient:** Syncsort MFX perform sorts, joins, and data aggregations 30-75% faster than other mainframe sort competitors while consuming 35% fewer system resources.
- **Cost Effective:** Syncsort MFX's efficiencies enable organizations to dramatically reduce CPU time (MIPS) and the associated costs that have historically plagued mainframe environments. Additionally, organizations benefiting from MFX are able to defer hardware purchases and software expansions.
- **Proven:** For over 40 years, thousands of customers have relied on Syncsort as their mainframe sort solution.

- **DB2 Multi Row Fetch:** MFX 1.4 now supports the multiple-row fetch feature of DB2, automatically fetching 100 rows at a time.

Out-of-the-Box Developer Productivity

MFX for z/OS 1.4 builds on Syncsort's industry-leading ease of use with features that help organizations achieve a faster time to value, and leverage value IT staff time for more strategic initiatives. MFX 1.4 includes many productivity enhancements, including:

- **Create and E-Mail Files in PDF, RTF, or HTML Formats:** MFX 1.4 provides the ability to create an output file in a PDF, HTML or RTF format, which can then be e-mailed as an attachment to one or more recipients.
- **Compute Dates Automatically:** Users will find additional usability enhancements with the ability to add or subtract units of days to or from an input record field date and create an output record date, as well as automatically compute the interval between two date values.
- **Conduct Wildcard Searches:** MFX 1.4 enables searching for a pattern constant within a field in a record.

Mainframe Sort Acceleration

With the launch of MFX 1.4, Syncsort introduces Mainframe Sort Acceleration. This unique industry approach provides organizations that are not already benefitting from Syncsort MFX with a new, incremental approach to increasing their mainframe sort performance. Organizations can now utilize Syncsort MFX to target a subset of their most resource intensive mainframe sort jobs to dramatically reduce CPU times and elapsed processing times, increase system throughput, and lower their infrastructure costs, without requiring a complete replacement of their current sort utility.

For More Information

For more information about Syncsort MFX for z/OS 1.4, visit www.syncsort.com.

About Syncsort

Syncsort is a global software company that helps the world's most successful organizations rethink the economics of data. Syncsort provides extreme data performance and rapid time to value through easy to use data integration and data protection solutions. With over 12,000 deployments, Syncsort has transformed decision making and delivered more profitable results to thousands of customers worldwide.

syncsort RETHINK THE ECONOMICS OF DATA*

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