

Syncsort DMExpress for Mainframe Application Modernization

Leveraging the fastest, most scalable mainframe and open-systems technologies to accelerate application modernization projects, reduce costs, and increase ROI.

DMExpress Enables Organizations to Maximize the Benefits of Application Modernization Projects

Reducing costs, while increasing business agility, continues to be a top priority for IT departments. In an environment of shrinking budgets and rapidly changing conditions, successful application modernization projects can yield significant value to the business including:

- Lower hardware, software, and operating costs
- Faster time-to-market
- Ability to respond faster to competitive pressures
- Reallocated funds to use for new strategic initiatives

Developed through more than 40 years of mainframe and open systems expertise, Syncsort DMExpress provides complete high-performance sort and data integration capabilities, critical for successful application modernization projects.

The Need for Faster, More Efficient, Processing at Lower Cost

Organizations increasingly are looking to maximize the business value of their mainframe-based applications by running them on open systems such as Windows, UNIX and Linux. However, migrating mainframe workloads often results in even greater demands for performance, reliability and scalability on the open systems. Overlooking these key requirements can prevent organizations from achieving the business value they expect from these projects.

- Slow performance frustrates users and hinders adoption of the new system.
- Inefficient applications require significant hardware investments to achieve service level agreements, undermining cost-reduction efforts.
- Translating, synchronizing and manipulating data, along with constant fine-tuning, can cause major delays.
- Any downtime due to unreliable, unproven solutions translates into major costs for the organization.



"Our migration was not going to work if the data was not ready and available exactly when we needed it. Syncsort's DMExpress was the last piece of the puzzle, ensuring an efficient and transparent migration that has delivered more than \$1 million in operational savings as part of our modernization initiative."

— Sallie Cottingham, Project Manager, Data Warehouse Rehosting

Accelerate Application Modernization and Minimize Risk with DMExpress

Syncsort offers the fastest, most reliable sort engine for the mainframe and the highest-performance data integration software for open systems. This expertise comes together in the DMExpress Application Modernization Edition — high performance data integration software that provides all the capabilities needed for successful mainframe application migrations. With comprehensive sort card support,

complete data integration capabilities, and seamless integration with leading rehosting solutions, the DMExpress Application Modernization Edition helps you to complete your project faster and with fewer hardware requirements. **DMExpress allows you to easily reproduce the equivalent data transformation processes that were executed in the mainframe environment with even faster performance and scalability on the open systems.**

DMExpress Supports Every Step of Application Modernization Projects

Most legacy applications were perfected over time to accommodate critical needs of the business. These applications have been accumulating data for years, resulting in large volumes of legacy data that are notoriously difficult to interpret, manipulate, and convert. Once the data is translated and migrated, the new system must continue to perform data integration and file manipulation tasks with similar, or even more stringent, service level agreements — and without requiring significant or complex development efforts. Therefore, many organizations fear that moving to the open systems may result in slower applications, instability, or limited functionality.

With a high-performance in-memory engine and complete data processing capabilities, the DMExpress Application Modernization Edition helps mitigate risk at every stage of mainframe application rehosting projects, maximizing the benefits of application modernization initiatives.

- **EBCDIC to ASCII conversion** with deep support for various mainframe sources, formats and data types.

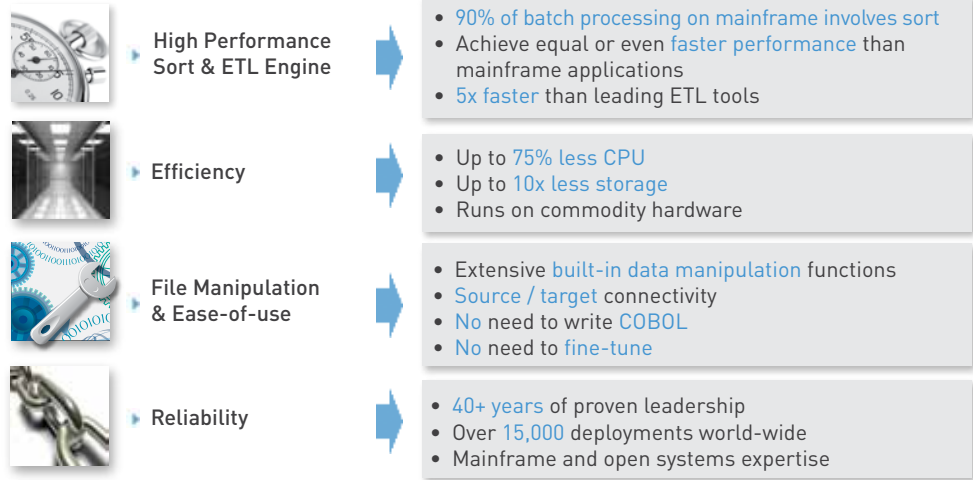
- **High performance ETL capabilities** with a wide range of transformations, including capabilities to aggregate, join, sort and merge records to various targets.
- **Comprehensive file manipulation and data synchronization functionality** similar to those performed on the mainframe by utilities such as File-AID, Easytrieve and others.
- **Seamless integration with leading rehosting solutions** through its comprehensive JCL SORT card support. With DMExpress, there is no need to convert JCL cards; the migrated applications can immediately benefit from the superior performance and reliability of DMExpress, regardless of the mainframe sort engine.

Reduce Costs and Ensure Success with Superior Performance and Ease of Use

With thousands of deployments around the world, DMExpress delivers the performance you need with no tuning required. Enable mission-critical applications in the open systems; avoid massive investments in hardware, software, and tuning; ensure user adoption; and scale your applications to meet future growth.



Organizations Are Increasingly Leveraging Syncsort DMExpress to Accelerate Application Modernization, Increase Cost Efficiencies, and Ensure Success.



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 15,000 deployments, Syncsort has transformed decision making and delivered more profitable results to thousands of customers worldwide.



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