Syncsort™ Optimize IMS
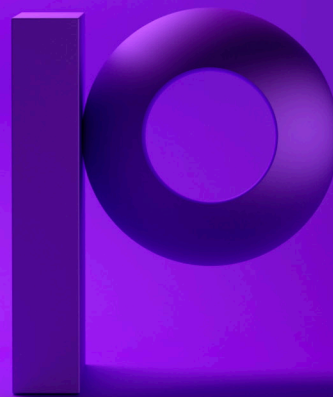
A smarter approach to IMS DB to Db2 migration

Eliminate risks when migrating

Syncsort™ Optimize IMS provides a rapid and efficient migration from IMS to Db2, without the traditional risks and costs associated with rewriting legacy IMS applications. Syncsort™ Optimize IMS is the bridge between your IMS applications that remain unchanged and your databases that now reside in Db2, providing the ability to eliminate IMS DB and costly 3rd party IMS support tools. Optimize IMS is not a replication tool, it is full replacement of IMS DB.

There's no code to understand and update as Syncsort™ Optimize IMS makes it possible to move to Db2 as quickly and efficiently as possible, with no disruption to your core business. Once your data is migrated to Db2, your applications can run using Syncsort™ Optimize IMS's transparency layer, or databases can be updated individually over time to run natively with Db2.

A Smarter Approach to IMS Data Migration

Syncsort™ Optimize IMS is a data migration and application solution specifically designed to address the challenges of IMS data migration to Db2. With Syncsort™ Optimize IMS, application programs remain unchanged, and that means full protection of your application investments. Powerful mapping and migration tools get you to Db2 quickly, one or more IMS databases at a time. Applications continue to issue IMS/DB requests, but where requested data has been migrated to Db2, Syncsort™ Optimize IMS retrieves it and delivers it back to the application as if it came from IMS/DB.

Syncsort™ Optimize IMS has proven itself around the world in a wide variety of vertical industries. Every day, hundreds of applications accessing thousands of Syncsort™ Optimize IMS-migrated IMS databases issue billions of IMS calls in Db2.

UNLEASH THE POWER OF IMS DATA WITHOUT ANY APPLICATION CHANGES

- 24x7 availability and mixed workload support
- Easy integration with other applications and ebusiness systems
- Open data for business intelligence
- Single mainframe DBA skill set
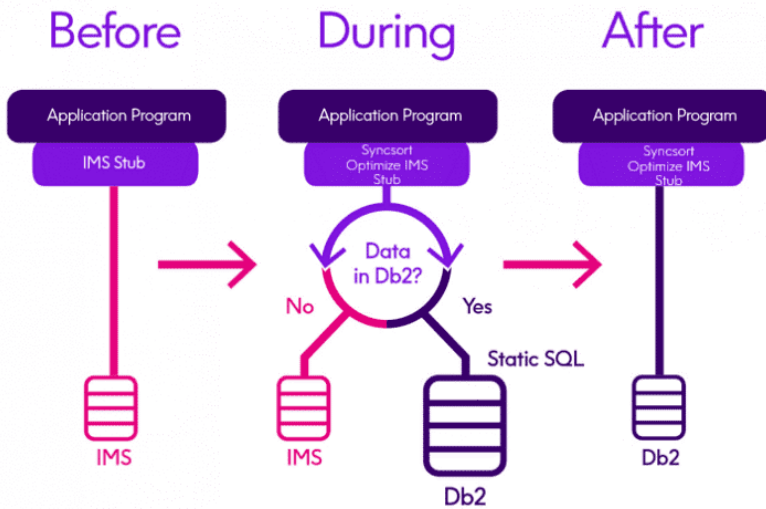- Single operational database environment to support

Migrating to Db2: The Fastest, Lowest Risk Approach

Organizations migrating IMS data to Db2 typically want to achieve one or more business goals:

- Eliminate IMS/DB and achieve significant reduction in their software budget
- Leverage existing IMS data to be the basis of new, and often web based application development

Syncsort™ Optimize IMS meets both needs equally. Once IMS data is migrated to Db2, IMS application programs are re-linked to call Syncsort™ Optimize IMS. During program execution Syncsort™ Optimize IMS checks to see if the requested data now resides in Db2.

If so, Syncsort™ Optimize IMS issues optimized static SQL calls and the results (data and status codes) are passed back to the application in IMS format. If the requested data still resides in IMS, the call continues on to the IMS database and results are passed back unchanged.

Throughout the migration process, Precisely consultants can provide a range of services including up-front data analysis, target design, data re-engineering, data migration, and testing assistance. The combination of Syncsort™ Optimize IMS and the right services when and where you need them ensure a successful migration and a rapid return on investment.

Syncsort™ Optimize IMS supports the latest releases of z/OS, Db2 for z/OS, IMS and CICS/TS.

Unlock Bigger Insights, Eliminate Risks and Reduce Costs

- **Rapid Delivery.** Migrate data to Db2 without making any changes to existing applications. No code to understand and update means less effort and faster delivery.
- **Transparent Data Migration.** Applications continue to issue requests as before. When needed Syncsort™ Optimize IMS technology retrieves the data from Db2 and delivers it back to the application as if it came from IMS/DB.
- **Lowest Risk**. No application changes means minimum risk and zero business disruption.
- **Increased Access to Critical Information.** Get access to data previously "locked away" in IMS so you can combine this data with other critical sources and perform valuable analytics, generate reports, and execute on other Big Data initiatives.
- **Reduced Costs.** Reduce overall maintenance costs and increase IT staff productivity by consolidating all your critical data into the Db2 platform.

New features in Syncsort™ Optimize IMS include:

- Performance enhancements that can significantly reduce I/O and processing time
- Expanded support for High Availability Large Databases (HALDB) and decimal data types
- Improved automation for controlling checkpoints

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