

Syncsort VS/2

Transparent Data Migration Solution

Unlock the value of VSAM Data
by Migrating to DB2

Unlock the potential of VSAM data through migration to DB2™

Transparency of corporate data has never been as important as it is in today's e-business world. Competing effectively requires better customer understanding, more integrated internal and supplier processes and the support for a range of channels that are available 24 hours a day. That means data availability and accessibility across the enterprise and beyond.

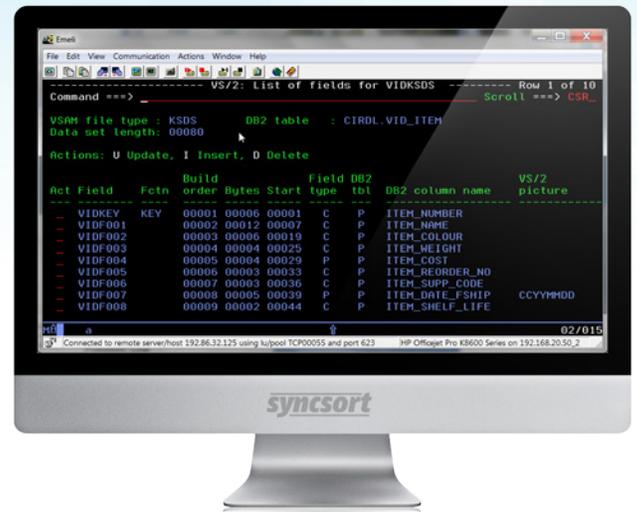
DB2 provides the rich functionality required by today's e-business and business intelligence applications and has become the database of choice for z/OS™. For many however, extending the benefits of DB2 to legacy VSAM data has remained out of reach. Moving data to DB2 not only involves complex data re-engineering and migration, it also requires extensive modification to application programs - often resulting in an unacceptable level of effort, cost and risk.

Highlights

- ➔ No application program changes required
- ➔ Migrate at your own pace, on a data set by data set basis
- ➔ All DB2 calls use static SQL and each call is indexed for optimal performance
- ➔ Data can be automatically re-engineered to improve its value in DB2
- ➔ Migration costs and risks are reduced significantly
- ➔ Fastest way to DB2

VS/2 Version 2.1 continues the theme of increased automation to reduce the data migration costs. Highlights of the new release are:

- ➔ Automated generation of data migration and verification job stream
- ➔ Support for DB2 extended object names
- ➔ A DB2 connection exit enabling DSN, RRSAAE as well as CAF
- ➔ The ability to make the required JCL changes in advance prior to data migration
- ➔ Enhanced capabilities to switch between VSAM or DB2 access during application testing



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VS/2 is a data migration and application transparency solution specifically designed to address this challenge. It enables the rapid migration of data from VSAM to DB2 **without requiring application changes**.

VS/2 customers have existing legacy applications processing VSAM files. To meet the ever-demanding needs of their users, IT departments are under pressure to increase online availability and improve data access. This is difficult if your data is in VSAM due to limitations in data sharing. DB2 helps meet this need.

Manually converting applications from VSAM to DB2, however, is a significant effort and risk. VS/2 significantly reduces the effort and risks associated with a manual conversion.

VS/2 is a suite of tools and includes everything you need. Typically, one VSAM data set is migrated to a single DB2 table. The automated mapping facility reads your data set copybook and generates the appropriate DB2 DDL and meta data. You can modify the generated DDL in order to exploit the data transformation capabilities of VS/2.

Once you have created the DB2 table, VS/2 utilities perform the one-time data migration. The utility JCL and control cards are automatically generated. The entire migration process for a single file can be performed in a matter of hours.

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VS/2 provides a dual-mode facility (DMF) to assist with application testing. The DMF automatically processes calls from batch and CICS programs twice – once in DB2™ and once in VSAM. The results are automatically compared and if a difference is detected in either the data area or return/reason codes, an appropriate message is issued. Minor batch job JCL changes are required but these can be made in advance without adverse effect.

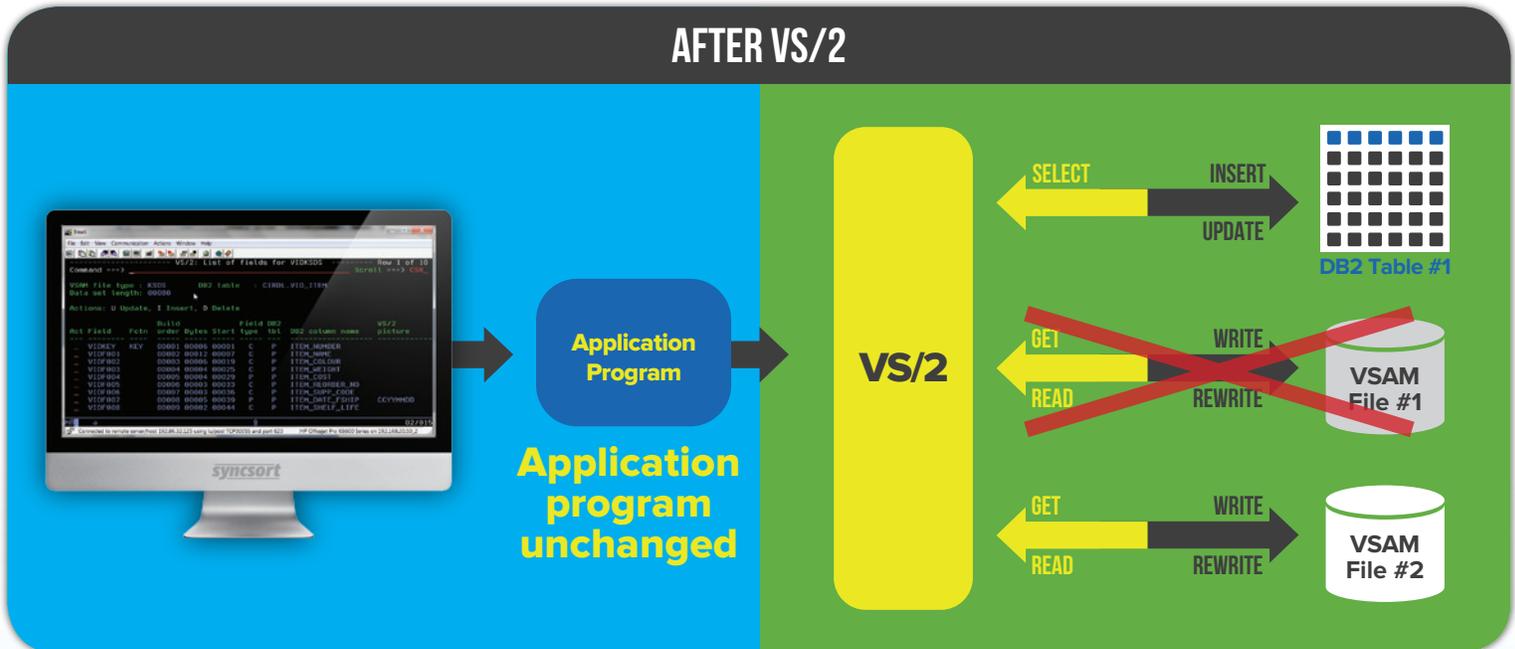
Throughout the migration process, Syncsort consultants can provide a range of services including up-front data analysis, target design, data re-engineering, data migration and testing assistance. The combination of VS/2 and the right services, when and where you need them, ensure a successful migration and a rapid return on investment.

VS/2 supports the latest releases of z/OS™, DB2 and CICS.

Benefits

VS/2 brings the power of DB2 to VSAM

- ➔ Potentially 24 by 7 availability and mixed workload support
- ➔ Easy integration with other applications and e-business systems
- ➔ “Open” data for business intelligence
- ➔ Single mainframe DBA skill set
- ➔ Single operational database environment to support
- ➔ Low-risk low-effort migration



ABOUT SYNCSORT

Syncsort provides enterprise software that allows organizations to collect, integrate, sort, and distribute more data in less time, with fewer resources and lower costs. Thousands of customers in more than 85 countries, including 87 of the Fortune 100 companies, use our fast and secure software to optimize and offload data processing workloads. Powering over 50% of the world's mainframes, Syncsort software provides specialized solutions spanning “Big Iron to Big Data,” including next gen analytical platforms such as Hadoop, cloud, and Splunk. For more than 40 years customers have turned to Syncsort's software and expertise to dramatically improve performance of their data processing environments, while reducing hardware and labor costs. Experience Syncsort at <http://www.syncsort.com>.

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