

# DataMiner

**DataMiner is the complete information manager, permitting easy access to SAM and VSAM datasets so you can search, sort, print, extract, update, and copy dataset data. Its powerful Report Writer can create from the simplest to the most complex reports. All common data-manipulation functions are provided.**

- DataMiner replaces multiple utilities and gives you one easy-to-use product to accomplish most of your day-to-day data handling and reporting tasks, saving you time and licensing costs.
- The **DataMiner Script Wizard** allows you to create, view, and run DataMiner command scripts/programs in TSO. It offers a convenient way, on a limited basis, to quickly process or visually examine sequential and VSAM files, including filtering, extraction, and totalization. It operates just like DataMiner batch, but without the need to create JCL or submit jobs.
- Besides its own simple language, DataMiner also understands CA Easytrieve® programs. This means you can take your existing Easytrieve programs and **run them unmodified** with DataMiner. Or users who are used to Easytrieve can include Easytrieve commands and parameters in their DataMiner jobs.
- Supported data sources are sequential and VSAM files, and DB2 databases.
- DataMiner can access DB2 for reporting, extracting, and updating. Data can be extracted from a DB2 table into a VSAM or sequential file, and DB2 tables can be populated from these files.
- COBOL copybooks can be imported directly into DataMiner. No redefining of record layouts is necessary.
- DataMiner is useful for many tasks—without requiring extensive programming skills—including:
  - ✓ COPY one file to another
  - ✓ SORT a file into any order, selecting, skipping, and updating records on the way
  - ✓ DELETE or INSERT records in a file
  - ✓ UPDATE records in a file
  - ✓ EXTRACT parts of records and/or files into a new file
  - ✓ PRINT a report from a file (automatically formatted or user-formatted)
  - ✓ DUMP a file or selected records or fields to the printer
  - ✓ SHOW selected fields on the printer
- DataMiner can change file organization, recording medium, block size, record length, or record content while copying data to a new dataset.



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- DataMiner has a simple PRINT command and a more powerful Report Writer. The PRINT command produces a formatted report that DataMiner lays out for you. Records can be selected or skipped for printing, so you get a report of just the data you want.
- The Report Writer can also print mailing labels—tell it how big the labels are, what information you want on them, and how many there are across the page, and it will print them for you.
- DataMiner uses its own or your normal SORT program to sort files into any order you like. Its commands are far more friendly than those of SORT, and you can write pre-sort, post-sort, input, and output routines in DataMiner so that your file sorts become easier to maintain and understand.
- DataMiner CICS is an online VSAM editing system that CICS allows you to view and modify records in datasets under CICS control, *without* writing a program and *without* bringing CICS down.
  - ✓ All VSAM and temporary storage read/write functions are supported under CICS.
  - ✓ Records can be displayed in either alphanumeric or hexadecimal format.
  - ✓ Records can be read by key, and browsed, added, updated, and deleted without any programming knowledge.
  - ✓ It is especially useful when you need to make a small number of changes to easily identified records.
- DataMiner TSO is an online VSAM editor that allows non-technical users to display or change parts of VSAM datasets.
  - ✓ It allows you to display and update records in any VSAM dataset to which you are allowed access.
  - ✓ It operates like DataMiner CICS, but it is for VSAM datasets that are available in TSO and not enqueued by CICS.
- DataMiner/VE is an easy-to-use, general-purpose VSAM module that simplifies and standardizes access to VSAM files.
  - ✓ Works with any language that can call an assembler routine including fourth generation languages (4GL) such as NATURAL and Focus.
  - ✓ Allows programs written for 4GLs to access VSAM datasets without having to convert those datasets to a different format.
  - ✓ Provides a more efficient way of accessing VSAM from programs written in COBOL and PL/I.
  - ✓ Works for CICS programs, bringing new simplicity to the job of the online transaction programmer.
  - ✓ Provides consistent VSAM access across applications and processing environments, and it reduces VSAM training needs for your programming staff—VSAM expertise is no longer required to access VSAM files!