

# M DATA EXTRACTOR™

Point, Click, Extract. That's it!



MDE is a COTS product that makes possible robust, high performance data extractions from FileMan-based systems, running on M and Caché platforms. The extractions are placed into RDBMS', ready for use by mainstream technologies such as data warehouse/mart, or software applications for clinical, OLAP data analysis, or ad hoc reporting. With this extracted data, all staff can use familiar desktop software to produce timely information of high value to the facility and patient.

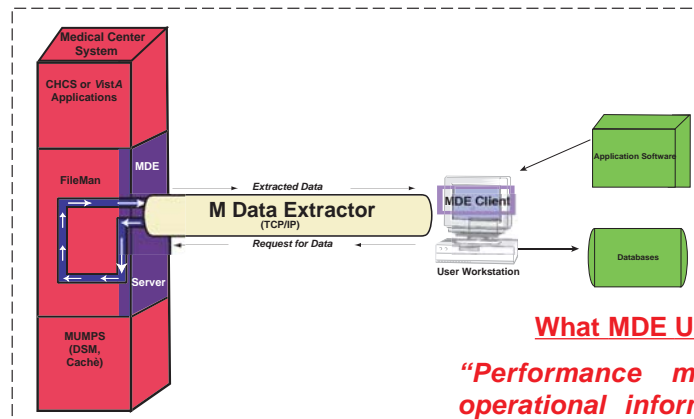
## OPEN ACCESS IN LESS THAN 60 MINUTES

MDE is an easy-to-install software "pipe," connecting VA VistA, DoD CHCS or other FileMan-based systems (running on M or Caché) to RDBMS, data warehouse/mart, or software applications. Within 60 minutes of installation, your FileMan-based system is open and ready for data extraction -- easily, accurately, and rapidly.

### Central Values of MDE™:

- ◆ Simple Installation, under 60 minutes
- ◆ Natively read FileMan Data Structure
- ◆ Requires no SQL, ODBC, or data mappings to produce data extraction
- ◆ Requires no FileMan code changes
- ◆ Requires no implementation service
- ◆ Access and retrieve data from the fields of all FileMan-based files
- ◆ Scalable performance
- ◆ Multi-site connection
- ◆ Automated scheduling
- ◆ Focused on being Best-of-Breed
- ◆ Extract FileMan-based data to RDBMS' for use with:
  - Data warehouses/marts
  - Software applications
- ◆ Application migration

### MDE™ Configuration



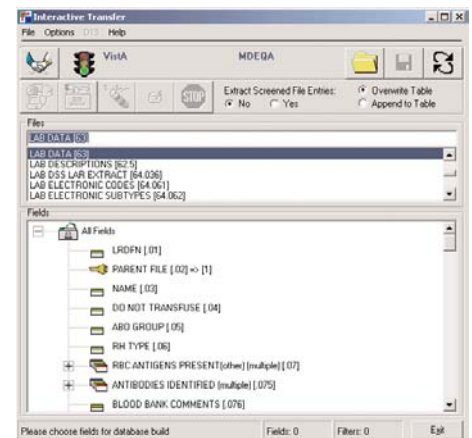
### What MDE Users Are Saying

*"Performance management reports, operational information and strategic data that used to take up to three months to obtain we now produce daily. MDE is incredible!"*

## YOU GET IT ALL

MDE retrieves data from any or all fields of all FileMan files including:

- Word Processing text fields
- Nested file (multiples)
- Internal Entry Numbers (pointers)
- Applying filters to fields within files targeting the precise data you want
- Removing redundant data fields
- Aggregating data



## Scalable Performance and Multi-Site Connection

Installing the MDE "pipe" at each VA VISN VAMC, DoD Region MHS or between VISNs or Regions creates an enterprise-wide M and Caché data pathway. With this infrastructure in place, the MDE Client can connect to multiple sites to concurrently extract data. MDE even identifies the location from where the data originated. For example, while MDE is feeding a pharmacy data warehouse from multiple healthcare institutions, it is automatically noting in the database the location from where the data was sent. This automatic refinement of data improves the quality of reporting and analysis available to the organization.

Using the automated scheduler allows users to extract data during off-peak times, assuring data in the data warehouse can be kept current.

Users across the enterprise will begin sharing data to produce clinical outcomes, performance measures and studies of great value to the facility and to patient healthcare. Management will have access to current data for use in reporting, analysis, cost comparison, facility operations, financial reporting and more. Third party applications and vendors can easily access this data as well.

MDE eliminates the customary impediments to M and Caché data access.

## Easy to Use

The Windows-based graphical user interface (GUI) displays FileMan's files and fields for user selection in an easy to understand way. In one automatic process MDE:

1. Extracts data
2. Creates SQL tables with a unique index.
3. Inserts extracted data and deposits it into an RDBMS, ready for immediate use by a user, third party application, etc.

Anyone within the organization can easily obtain the M and Caché data they want – when they want it.

*Point, Click, Extract. That's it!*

## More Features of MDE

- ◆ MDE enables a user to create data extraction sets of general or specific purpose, then save them for reuse and sharing among a user community.
- ◆ MDE has an electronic catalog to store a user-defined extraction. The catalog can be organized by user, department, organization, site, etc.
- ◆ MDE enables a user to set the date, time, and frequency for automatically running a data extraction. No attendant is necessary to initiate data extraction during off-peak time.
- ◆ The MDE provides fine control for the operator to automatically resolve pointers, view internal ID numbers or perform both steps in one operation.
- ◆ MDE honors the User's Access and Verify security codes of their FileMan-based system, permitting them access only to that system's data to which they have privileges.
- ◆ When defining or editing data extractions, MDE allows the application of filters to the fields of files to limit the amount of data extracted, increasing performance over a non-filtered extraction if such fields have been indexed.

## M and Caché Supported Systems

- ◆ InterSystems' Caché
- ◆ InterSystems' M

## RDBMS Supported Systems

- ◆ Oracle
- ◆ Microsoft SQL Server
- ◆ Microsoft Access

## System Requirements

### MDE Server

- ◆ Supports all FileMan-based systems running on M and Caché platforms
- ◆ Installation files require less than 500K of storage space

### MDE Client

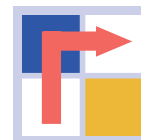
- ◆ Pentium PC
- ◆ Windows 2000 or Windows XP
- ◆ Recommend 100 MB of free disk space
- ◆ 64 MB RAM
- ◆ Connection to the network with FileMan database access.

### What MDE Users Are Saying

*"In 20 years, I've seen no product deliver what MDE does."*

## For More Information

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Contact SRS at (978) 531-0905 or e-mail us at [info@srs-inc.com](mailto:info@srs-inc.com) to inquire about other supported databases.