

MITS



Highlights

- ***Provides OLAP capabilities for extended relational and multivalue database environments***
- ***Delivers a complete solution for fast, timely analyses***
- ***Runs on existing hardware and utilizes existing multivalue database***
- ***Features GUI front end that makes solution accessible to business users through a PC or a browser.***

Going beyond the numbers

Knowing your company's quarterly bottom-line performance is one thing, but to truly put your finger on the pulse of the business, you need to understand much more. Online analytical processing (OLAP) and other business intelligence capabilities can help, providing you insight such as revenues per store or

region, customer profitability based on time period, or product performance broken down along geographic or demographic lines. But you need to be able to easily organize this analytical information, so that it can be used in a practical manner to support your decision-making.

MITS (Management Information Tool Software) helps you do this. Optimized for extended relational and multivalue database environments, MITS is a suite of cross-platform interactive reporting, business intelligence and OLAP tools. Analytic applications developed using MITS can be deployed in a variety of multivalue database environments and are used across a wide range of vertical markets. Because it natively accesses multivalue data, you'll enjoy better performance than with other tools in the market, which require the extra step of using online database connectivity (ODBC) for data access.

OLAP power in an end-to-end tool suite

Using MITS, business analysts can improve the way they gather, manage, distribute and analyze data for improved strategic and tactical decision-making. Decision-makers can discover trends that will enable them to focus on the right customers, procedures, market segments, products or employees when brainstorming plans of action.

Fast, smart and comprehensive

By consolidating key performance indicators and related data in hypercubes—multidimensional database structures designed for optimal performance—MITS gets you the data you need at the speed of e-business. The MITS suite offers all the tools you will need for a complete business intelligence and OLAP environment:

- *Extraction, transformation and loading (ETL) tool*
- *Hypercube design, creation and administration capabilities*
- *Business intelligence/OLAP reporting function.*

Seamlessly integrated, these tools provide an end-to-end solution that simplifies your selection, purchase and implementation processes by eliminating the need to evaluate multiple independent solutions.

Specifically, the six major components that comprise the MITS product suite to provide the above functionalities are:

- *MitsServer, which runs in the multivalued environment to process, store and provide access to business intelligence hypercubes.*
- *MitsSecurity, an optional security layer for MitsServer that provides additional levels of security beyond those which are offered by your database and operating system. MitsSecurity offers access control at the application, flash screen, functionality and view level. It also lets you control hypercube access by user at the identifier or accumulator level.*
- *MitsAdmin, a graphical administration tool that manages security configuration, licensing and authorization.*
- *MitsMaker, a 32-bit Microsoft® Windows®-based graphical front-end tool that enables you to design hypercubes by selecting the source data, establishing data elements for extraction and assignment, and setting the drill-down identifiers, accumulators and data ranges. MitsMaker interfaces with MitsServer to generate and update the hypercubes.*

“We looked at a lot of other tools before choosing MITS. Execusense was not good enough. The price of Cognos was too high. Crystal Reports was too complex. With MITS, you just ‘click, click, click.’ It’s married to the native system, you don’t need a separate server, and it’s easy to extract data to Excel spreadsheets.”

—Bruce Stallings, President, Plumbing & Industrial Supply

- *MitsView, a GUI reporting tool for accessing and drilling down into MITS hypercubes to produce row- and column-based reports, pivot tables and 2D and 3D bar graphs as well as pie charts. It can also export OLAP results to Microsoft Excel, as well as to “green screen” terminals for display. MitsView works with MitsSecurity to control read/write access to the flash screens that display reports.*
- *MitsWeb, a online data access tool that allows MITS application data to be viewed in a browser. MitsWeb acts as a gateway between Web browsers and MitsServer. With MitsWeb, a user may perform all the same functions available in MitsView in a familiar browser environment.*

Easy to use, flexible to deploy

Because MITS runs in your extended relational or multivalued database environment, installation and implementation of your analytic application are fast and cost-effective. MITS can run on your existing hardware, using your existing database—eliminating the expense and effort of deploying a secondary system and another database, along with associated third-party tools. This means that developers don't need to learn a new hardware platform, operating system, database or tool set.



The MITS tool suite is equipped to help businesses pinpoint which products are moving off their shelves the fastest.

End users can rest easy knowing that they can use the latest industry-standard Windows 32-bit graphical user interface. In addition, developers will appreciate that MITS server components take every advantage of the underlying database environment, from the flexible data model to native file and index management functionality.

The flexible MITS architecture enables you to choose how to deploy your business intelligence and OLAP environment. You can implement MITS on your existing online transaction processing (OLTP) platform, simplifying administration

and taking advantage of high-speed local access to the source data used for building and updating your MITS hypercubes. Or, you can set up a separate business intelligence and OLAP server by distributing MITS components across a networked multivalued environment for load-balancing purposes.

Zooming in on sales analysis

The MITS tool suite can bring value to a business of any size in any industry. As an example of its capabilities, consider its use in sales analysis for a company that wants to determine its top-performing branches, sales reps and products.

First, business analysts use MitsMaker to extract and summarize the order administration and sales data into a hypercube with identifiers such as:

- *branch*
- *sales representative*
- *products.*

Accumulators might include such quantitative information as:

- *revenue*
- *cost*
- *profit.*

Finally, this quantitative information can be grouped according to the following time periods:

- *month*
- *quarter*
- *year*
- *day*
- *week*
- *or another specified period.*

Having established these criteria, the analysts can compare information by any period to discover time-based trends pertaining to the identifier areas. Using a flash screen for a view into the hypercube, an analyst might find that a typical report first shows a summary of quarterly profits by branch. Locating the branch with the lowest profits, he or she can drill down to examine profits by sales rep. From this point, the analyst can choose a sales rep at the low or high end of the

profitability spectrum and drill down even further to see what products the rep sold. These insights can help the analyst allocate resources to the appropriate areas to help bolster profits.

Solution availability

MitsServer is available on UNIX® or 32-bit Windows systems that support a wide variety of multivalued databases, including:

- *IBM UniData™*
- *IBM UniVerse™*
- *D3 from Raining Data*
- *mv•BASE from Raining Data*
- *mv•ENTERPRISE from Raining Data*
- *jBASE.*

The MITS clients—MitsAdmin, MitsMaker, MitsView and MitsWeb—are available for the 32-bit Windows client environment.

Let your data come alive

When you want to take your strategic decision-making and planning efforts to the next level—and do so with relative ease and speed—look to the MITS tool suite. MITS can bring OLAP power to your extended relational and multivalued database environments, helping you focus on the right areas to grow your revenues.

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