Native MultiValue Business Intelligence and Interactive Reporting

DATA SHEET

MITS, Management Information Tool Software, is a cross-platform, interactive reporting, business intelligence and OLAP tool suite specifically optimized for extended relational and MultiValue databases. MITS is an on-line analytical processing (OLAP) tool for gathering, managing, distributing, and analyzing data for improved strategic and tactical decision-making.

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. Developers choose MITS because it provides and end-to-end solution for business using a native interface to their MultiValue environment.

Better Decisions, Faster

MITS allows you to extract valuable information that is vital to decision makers. MITS delivers the information you need to discover trends that let you focus on the right customers, procedures, market segments, products or employees when making both tactical and strategic business decisions.

By consolidating key performance indicators and related data in hypercubes designed for optimal performance, MITS gets you the data you need at the speed of business.

Rapid, Cost-Effective Implementation

Because MITS runs in your extended relational or MultiValue database environment, installation and implementation of your analytic application is faster and more cost-effective. MITS can run on your existing hardware, using your existing database, eliminating the expense and effort of obtaining a secondary system and a foreign database along with third party tools.

Easy Learning Curve

Since MITS leverages your existing technology there is no need to learn a new hardware platform, operating system, database or tool set. For the MultiValue market, MITS adoption is as familiar as the back office solution in hand.

End-to End Solution

The MITS product suite offers all the components needed for a BI/OLAP environment:

- Extraction, transformation and loading (ETL) tool
- Hypercube design, creation and administration
- BI/OLAP Reporting

This ensures that all components are seamlessly integrated and simplifies the selection, purchase and implementation process.

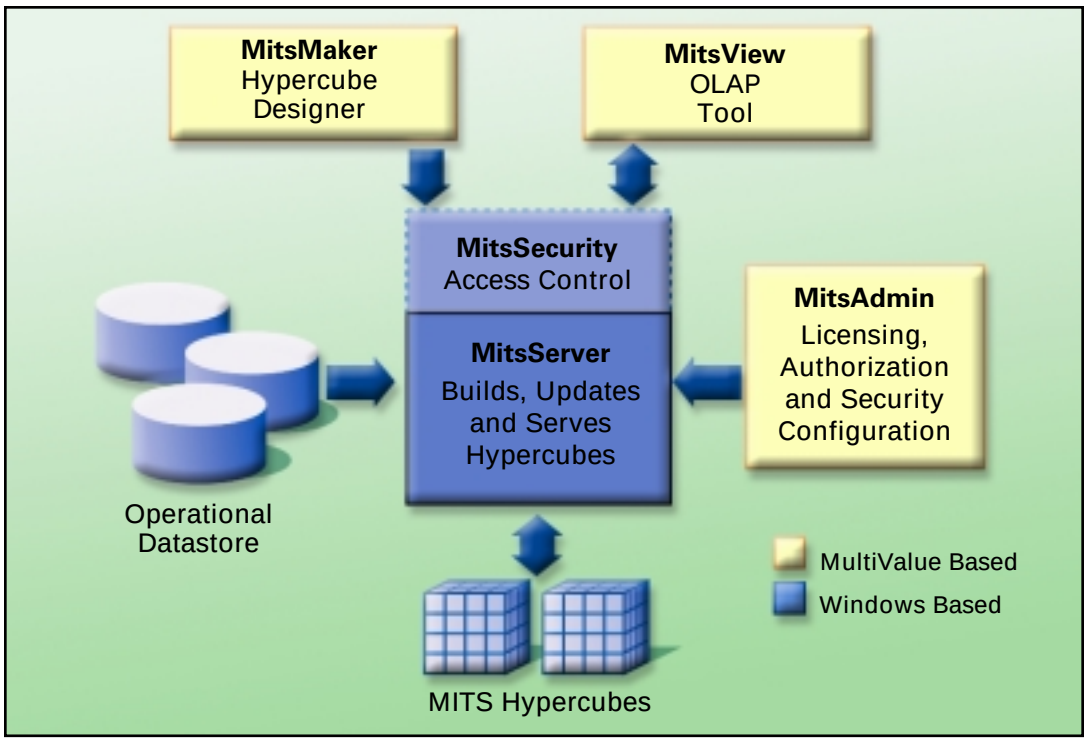
Ease of Use

The MITS product suite takes full advantage of the environment in which it operates for powerful, intuitive, easy-to-use functionality. Server components take every advantage of the underlying database environment from the flexible data model, to native file and index management functionality. MITS clients use the most modern and popular industry-standard Windows 32-bit graphical interface.

Deployment Flexibility

The MITS architecture gives you the flexibility to choose how you deploy your BI/OLAP environment.

You can implement MITS on your existing OLTP platform, simplifying administration, taking advan-



tage of high-speed local access to the source data used for building and updating your MITS hypercubes. Optionally, you can choose to set up a separate BI/OLAP server by distributing MITS components across a networked MultiValue environment for load balancing purposes.

MITS Architecture

The MITS product suite is comprised of the following major components:

- MitsServer
- MitsSecurity
- MitsMaker
- MitsView

MitsServer

MitsServer, which runs in the MultiValue environment, processes, stores and provides access to business intelligence hypercubes.

MitsSecurity

MitsSecurity, an optional security layer for MitsServer, provides additional levels of security beyond those offered by the database and operating system. MitsSecurity offers control access at the application, flash screen, functionality, and view level. MitsSecurity lets you control hypercube access by user at the identifier or accumulator level.

MitsAdmin

The graphical administration tool, MitsAdmin, manages security configuration, licensing and authorization.

MitsMaker

MitsMaker is a 32-bit Windows-based graphical front-end tool for designing hypercubes by selecting the source data, establishing data elements for extraction and assignment, and setting the drill-down identifiers, accumulators and date ranges.

MitsMaker interfaces with MitsServer to actually generate and update the hypercubes.

MitsView

MitsView is the GUI reporting tool for accessing and drilling down into MITS hypercubes producing row and column-based reports, pivot tables, as well as 2D, 3D and pie charts. MitsView can export the results to Microsoft Excel.

MITS on-line analytic processing results can also be displayed on “green-screen” terminals. MitsView works in conjunction with MitsSecurity to control read/write access to the flash screens that display the report.

Analytic Application

An example of a MITS analytic application is a Sales Analysis application. In this application we want to explore the data to see which are our top branches, top sales reps, and top products.

Business Analysis & Hypercube Creation

After analyzing what sort of information we want to view, MitsMaker is used to extract and summarize the order administration and sales data into a hypercube with identifiers such as:

- Branch
- Sales Representative
- Products

Accumulators might be such quantitative information as:

- Revenue
- Cost
- Profit

This quantitative information can be grouped:

- Monthly
- Quarterly
- Annually

And the information can be compared month-on-month, quarter-on-quarter and year-on-year to discover time-based trends.

Flash Screens

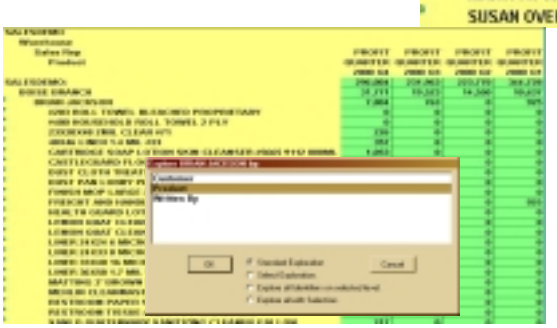
MitsView uses the concept of a flash screen to provide a view into the hypercube. In our Sales Analysis application, a typical report might start by showing a summary of quarterly profits by branch:

Warehouse	QUARTER 2000 Q4	QUARTER 2000 Q3	QUARTER 2000 Q2	QUARTER 2000 Q1
SALESDEMO:	296,004	231,963	223,770	344,728
SEATTLE BRANCH	85,950	60,797	68,175	130,493
PORTLAND BRANCH	80,064	105,936	83,213	130,931
SPOKANE BRANCH	98,219	45,706	57,832	72,667
BOISE BRANCH	31,771	19,523	14,550	10,637

Using this example and noticing that the Boise Branch has the lowest profits, you can then drill down to look at profits by sales rep:

From there you can pick a sales rep at either the low or high end of the profitability spectrum and further drill down to see what products they sold:

SALESDEMO Warehouse / Sales Rep	PROFIT QUARTER 2000 Q4	PROFIT QUARTER 2000 Q3	PROFIT QUARTER 2000 Q2	PROFIT QUARTER 2000 Q1
SALESDEMO:	296,004	231,963	223,770	344,728
BOISE BRANCH	31,771	19,523	14,550	10,637
BOB DONIS	0	16,205	592	7,150
BRIAN JACKSON	7,804	763	0	925
DEBORAH SIMS	3,141	0	0	2,062
DON STROUD	2,285	0	0	0
DREW LOGAN	4,232	773	12,481	0
JEFF SHEPPARD	1	910	0	0
JOHN BRINKMAN	5,126	0	535	0
MARYPAT MEEKINS	9,183	0	0	0
SUSAN OVERCAST	0	0	0	0
	0	872	942	500
	0	0	0	0



Availability

MitsServer is available on any UNIX or 32-bit Windows system that supports a wide variety of MultiValue databases, including:

- UniData™
- UniVerse™
- D3®
- mv•BASE®
- mv•ENTERPRISE™
- jBASE™

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

Please contact your local sales representative or visit http://www.informix.com for more information.

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