



**MicroStrategy®**



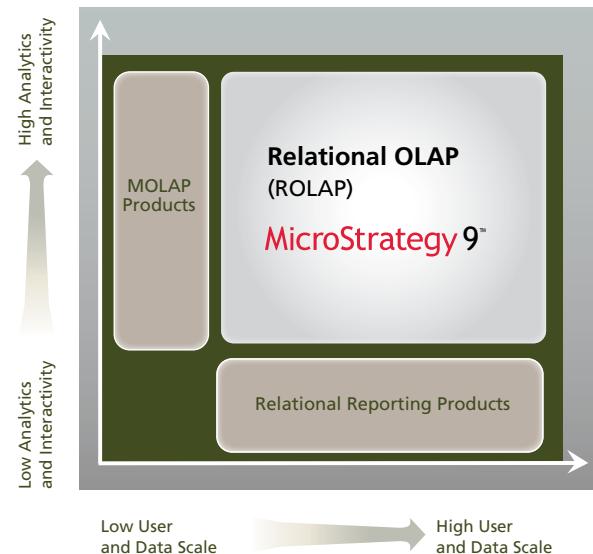
**MicroStrategy®**

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# THE MICROSTRATEGY ARCHITECTURE

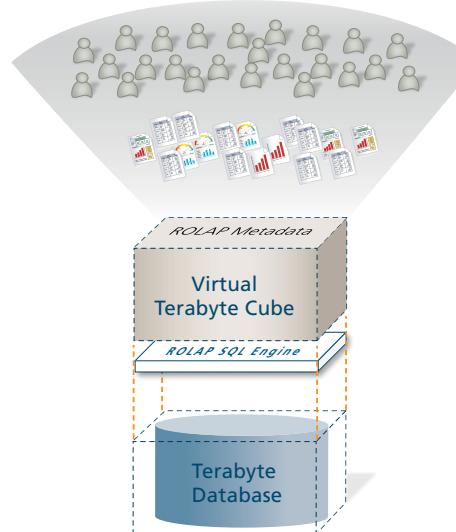
MICROSTRATEGY TECHNOLOGY IS UNIQUELY CAPABLE OF SUPPORTING ENTERPRISE BI



## MicroStrategy Technology is Based on a Relational OLAP (ROLAP) Architecture that Uniquely Provides Both High Scalability and High Interactivity

MicroStrategy's ROLAP architecture provides both high scalability as well as high interactivity. Other BI architectures can provide one or the other, but not both. Building on the ROLAP architecture for the past 15 years, MicroStrategy technology is now well recognized for other enterprise-caliber characteristics, including high performance, sophisticated analytics, low cost of ownership, rapid report creation, and superior end user self-service.

## MicroStrategy 9™ ROLAP



## RELATIONAL OLAP (ROLAP)

All reports and dashboards are created using the single logical model of business

ROLAP metadata models the entire relational database as a single logical multi-dimensional model of the business (virtual terabyte cube)

All popular relational schema are supported: Star, Snowflake, Sparse Aggregation, Partitioned

## ROLAP is the Core of MicroStrategy Technology

ROLAP is based on a virtual cube that represents the entire relational database. The ROLAP virtual cubes provide dynamic investigative drilling that is typical of cube models, but because the ROLAP cube is virtual, it does not suffer from the severe size limitations and administrative burdens of physical multi-dimensional MOLAP cubes.

# MicroStrategy 9™

- Extends the Performance, Scalability, and Efficiency of Enterprise BI
- Enables Rapid Deployment of Departmental BI Applications
- Provides a Smooth Migration from Islands of Departmental BI into a Cohesive Enterprise Framework

MicroStrategy 9 is breakthrough technology that allows companies to support all levels of BI initiatives, and helps companies to consolidate islands of BI gradually into a cohesive enterprise BI framework.

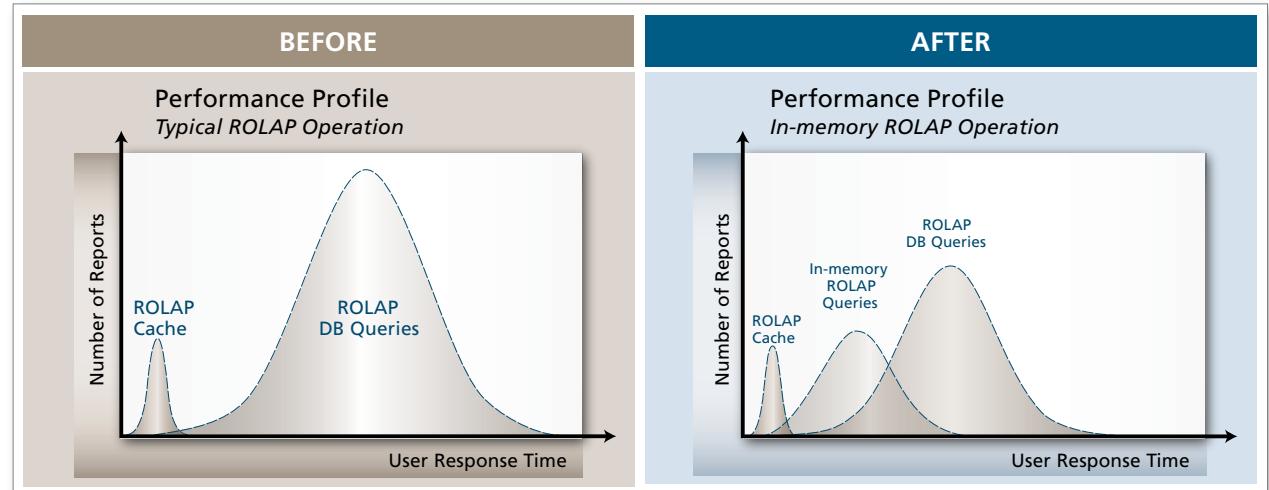
Enterprises of all types are experiencing a groundswell of excitement and activity around the availability of actionable information to support their business processes. With the meteoric increase in data that organizations routinely capture, enterprises can now make that data accessible and useful by tapping into the power of business intelligence (BI) technologies. Today, business intelligence systems are emerging in every corner of the enterprise, ranging from large scale enterprise BI environments that are deployed to thousands of people, to smaller departmental BI systems and even workgroup BI applications that support only a few people.

MicroStrategy 9 is breakthrough technology that, for the first time, allows companies to support all three levels of BI with one technology. MicroStrategy 9 builds on MicroStrategy's unique strength at the high-end of BI to extend the boundaries of performance, scalability, and efficiency of enterprise BI. At the same time, MicroStrategy 9 brings that same enterprise-caliber BI technology easily within reach of smaller departmental and workgroup BI initiatives. Just as importantly, MicroStrategy 9 provides a uniquely smooth migration path for islands of workgroup and departmental BI applications to merge into a cohesive and consistent enterprise-wide framework.

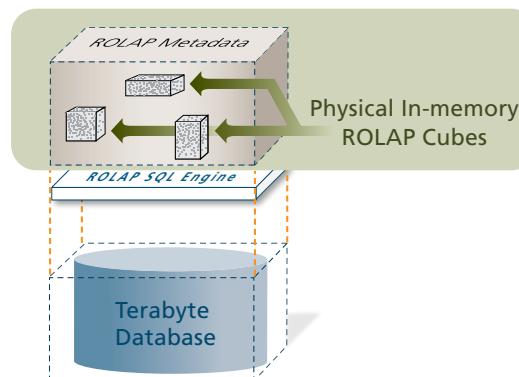
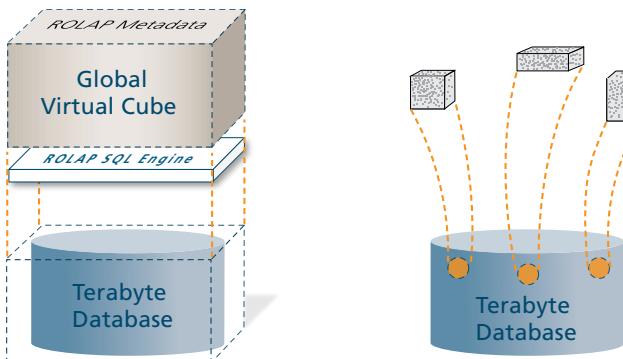
## IN-MEMORY ROLAP IS A SEAMLESS EXTENSION OF THE ROLAP ARCHITECTURE

### Adding In-memory ROLAP Improves User Response Time

The performance profile for a typical ROLAP system shown on the left presents two clusters of performance: one for the queries that are directed to the database and one for the queries directed to cache. The performance profile for In-memory ROLAP operation on the right shows the addition of a performance cluster for queries that are directed to the in-memory databases from queries that were previously directed to the disk-based database.



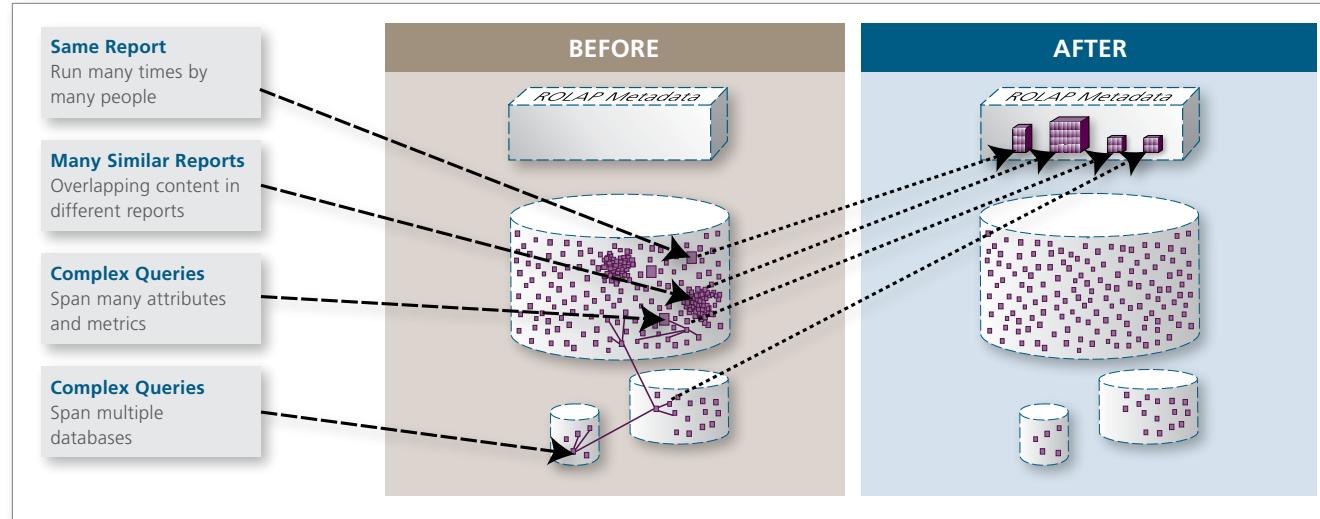
$$\text{ROLAP Architecture} + \text{Cube Architecture} = \text{MicroStrategy 9™ In-memory ROLAP}$$



**In-memory ROLAP is an Architectural Extension of ROLAP in which Physical ROLAP Cubes Reside In-memory within the Global Virtual Cube**

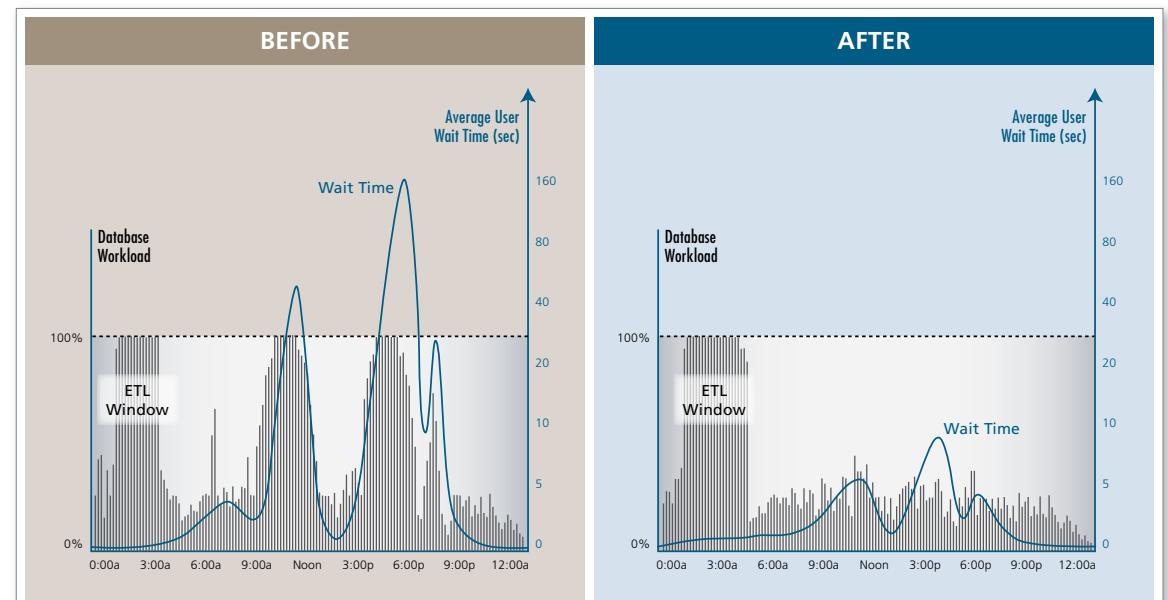
In-memory ROLAP creates ROLAP Cubes that reside in the memory of the Intelligence Server. The ROLAP Cubes contain selected components of warehouse data and fit seamlessly into the global virtual cube.

## IN-MEMORY ROLAP SHIFTS PROCESSING FROM THE DATABASE ENGINES



### In-memory ROLAP Can Smooth Database Usage

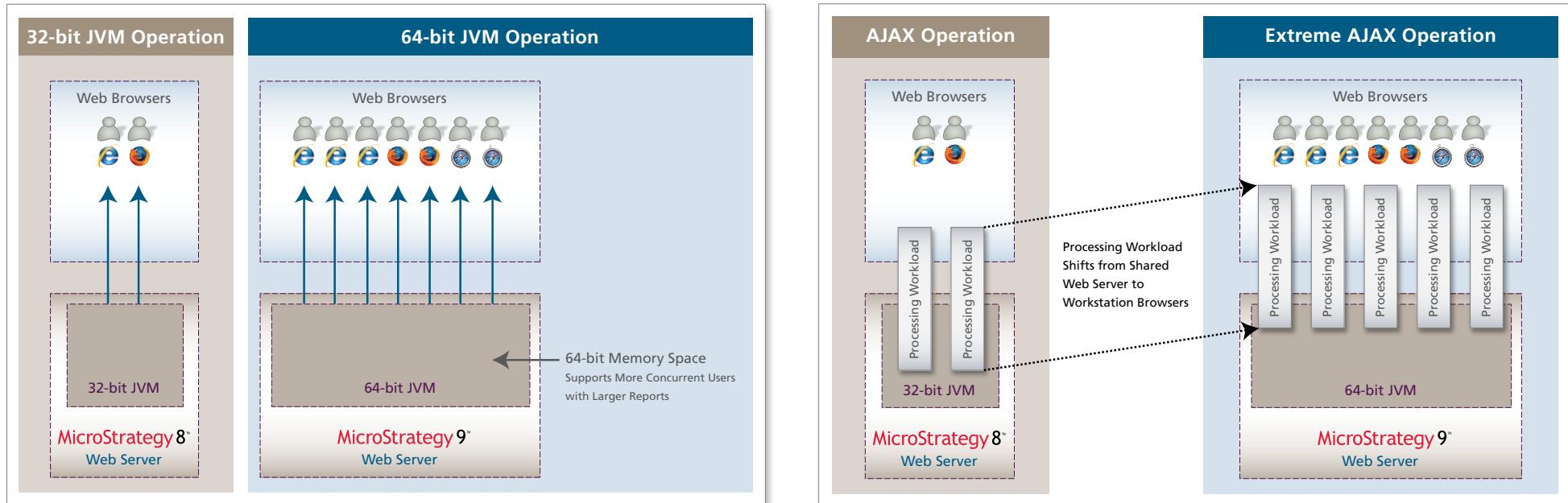
In-memory ROLAP Cubes can offload the most time-consuming and processor-consuming queries from the database and serve them to the users much more quickly, directly from memory. The result is faster average query time and a much more evenly utilized database system.



### In-memory ROLAP Improves User Wait Time and Frees Up Database Capacity

MicroStrategy 9 In-memory ROLAP can shift database processing to off-hours, freeing up database capacity during peak interactive hours and improving user response time.

## MICROSTRATEGY 9 WEB ARCHITECTURE CAN SUPPORT THOUSANDS OF USERS



### The Expanded Memory Available in 64-bit JVMs Allows MicroStrategy 9 to Support More Concurrent Users with Larger Reports

MicroStrategy 9 supports 64-bit Java Virtual Machines (JVMs), which offer much greater memory space. Vastly increased memory space allows each Web server to support many more concurrent user sessions and larger reports.

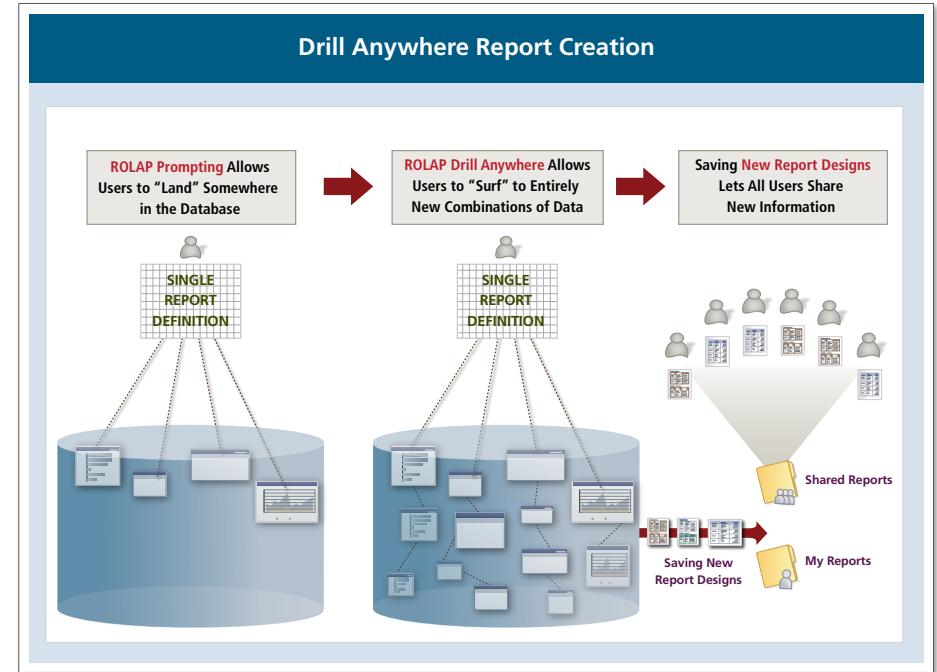
### Extreme AJAX Coding Delivers Greater Responsiveness

MicroStrategy 9 employs new Extreme AJAX coding disciplines within its Web architecture. Extreme AJAX shifts processing from the shared Web servers to the individual Web browsers, thus spreading the processing workload and providing the most responsive user experience while still preserving a true zero-footprint Web interface.

## MICROSTRATEGY 9 DELIVERS EXTENSIVE FEATURES FOR BUSINESS USER SELF-SERVICE

**Self-service Report Design**

Subcategory Metrics	Revenue	Profit	Cost
Art & Architecture	\$859,358	\$201,412	\$857,945
Business	\$589,246	\$132,117	\$457,129
Literature	\$295,388	\$59,491	\$235,894
Books - Miscellaneous	\$366,250	\$87,148	\$299,102
Science & Technology	\$1,375,727	\$310,489	\$1,065,238
Sports & Health	\$538,269	\$120,039	\$418,230
Total	\$4,024,235	\$890,696	\$3,133,539



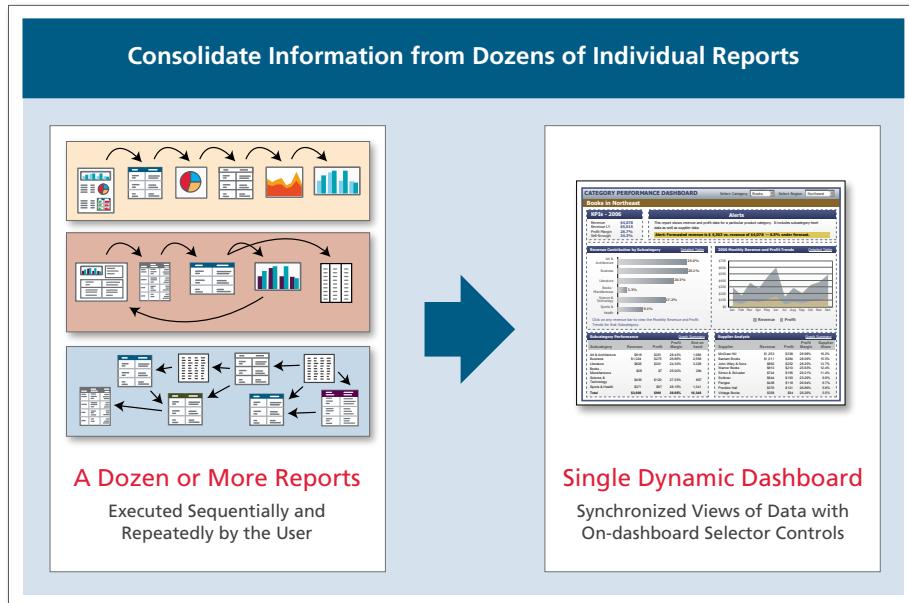
### Business People Can Easily Assemble Reports from Metadata Building Blocks

The MicroStrategy 9 Web interface lets business users easily create any report by dragging and dropping metadata building blocks (attributes and metrics) onto a template. Formatting is easy using the intuitive Office-like formatting controls. MicroStrategy's powerful SQL engine can generate whatever SQL is necessary to get the data for the users' new report designs.

### MicroStrategy 9's ROLAP Capability Allows Users to "Surf" Interactively Throughout the Entire Data Warehouse

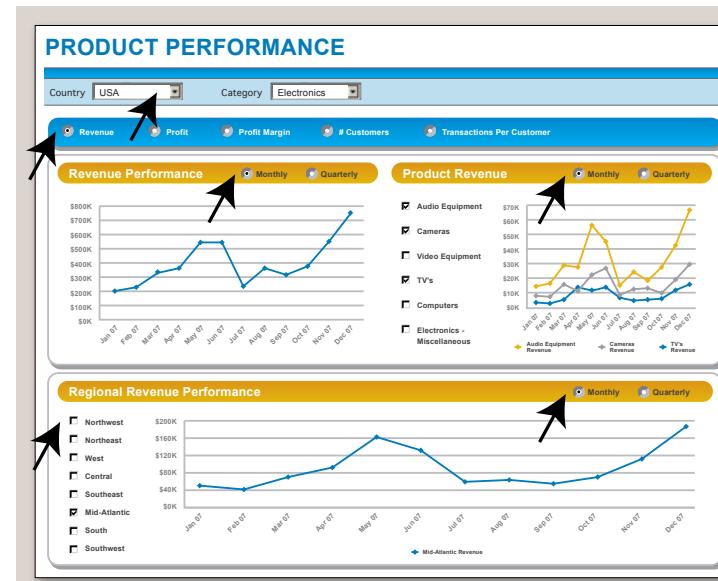
Using ROLAP core features of prompting and drill anywhere, users can start from a single report design and create innumerable new combinations of data simply by clicking on the report. These new combinations of data can be saved as new report designs and shared with others to be run in the future. The MicroStrategy 9 security system ensures that all users only see the data that they are allowed to see regardless of who created the report.

## MICROSTRATEGY 9 DYNAMIC DASHBOARDS CAN CONSOLIDATE THE INFORMATION FROM DOZENS OF INDIVIDUAL REPORTS



### MicroStrategy 9 Dynamic Dashboards Can Consolidate the Information from Dozens of Individual Reports

MicroStrategy 9 Dynamic Dashboards employ on-screen user controls called “selector controls” that allow users to interactively flip through many different views of data all on a single dashboard page. This allows dashboard designers to embed the equivalent of dozens of individual reports within the screen real estate of a single dashboard.



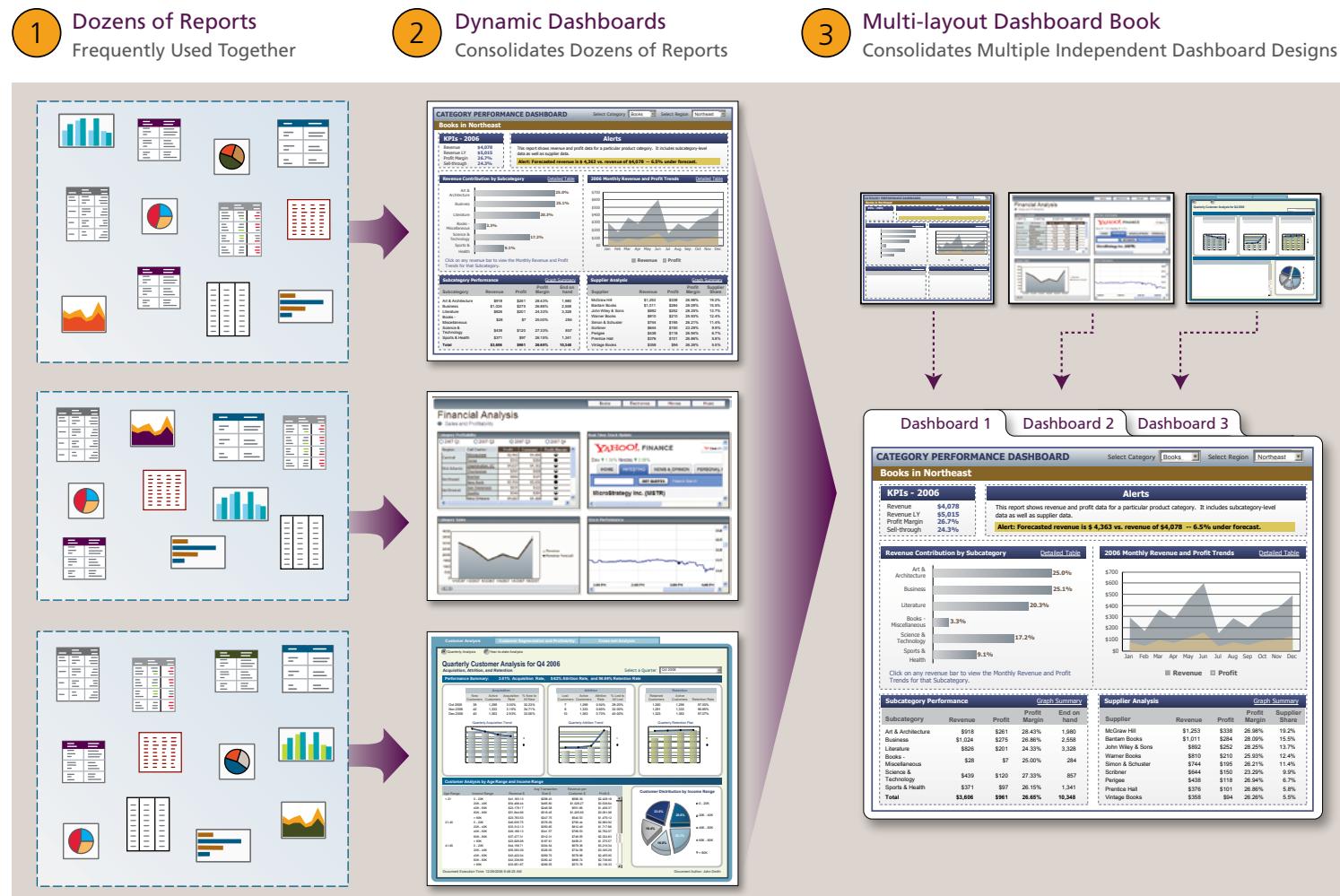
Intuitive selector controls placed directly on the dashboard let users flip through many different views of the data.

### Dynamic Dashboards Contain Selector Controls that Allow Users to Flip Through Many Different Views of the Data

MicroStrategy Dynamic Dashboards support a wide range of selector controls from radio buttons, to check boxes, drop-down boxes, time sliders, and buttons. All of these selector controls are exposed directly on the dashboards for easy access by users and selector controls are added to dashboards using just drag-and-drop actions – no programming required.

# EXTENDING THE PERFORMANCE, SCALABILITY, & EFFICIENCY OF ENTERPRISE BI

## MICROSTRATEGY 9 DYNAMIC DASHBOARDS CAN BE CONSOLIDATED INTO A MULTI-LAYOUT DASHBOARD BOOK



MicroStrategy's Dynamic Dashboards can consolidate a dozen or more individual grid and graph reports into a single dashboard where the various views of data across graphs and grids are synchronized using selector controls placed directly on the dashboards. With MicroStrategy 9, multiple independent dashboards can be further consolidated into a single dashboard book using the new "Multi-layout" feature that places each dashboard design on a single tab of the dashboard book.

## MICROSTRATEGY 9 DYNAMIC DASHBOARDS HAVE EVEN MORE INTERACTIVITY AVAILABLE FOR DASHBOARD USERS

**CATEGORY PERFORMANCE DASHBOARD**

**Books in Northeast**

**KPIs - 2006**

Revenue	\$4,078
Revenue LY	\$5,015
Profit Margin	26.7%
Sell-through	24.3%

**Alerts**

This report shows revenue and profit data for a particular product category. It includes subcategory-level data as well as supplier data.

**Alert: Forecasted revenue is \$4,363 vs. revenue of \$4,078 -- 6.5% under forecast.**

**Revenue Contribution by Subcategory**

Subcategory	Revenue	Profit Margin
Art & Architecture	25.0%	
Business	25.1%	
Literature	20.3%	
Books - Miscellaneous	3.3%	
Science & Technology	17.2%	
Sports & Health	9.1%	

Click on any revenue bar to view the Monthly Revenue and Profit Trends for that Subcategory.

**2006 Monthly Revenue and Profit Trends**

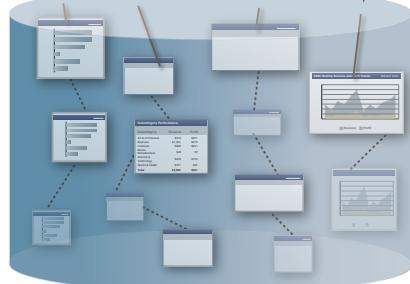
**Subcategory Performance**

Subcategory	Revenue	Profit	Profit Margin	End on hand
Art & Architecture	\$918	\$261	28.4%	1,980
Business	\$204	\$275	26.8%	2,558
Literature	\$283	\$201	24.3%	3,328
Books	\$28	\$7	25.0%	284
Miscellaneous	\$28	\$7	25.0%	284
Science & Technology	\$130	\$120	27.3%	857
Sports & Health	\$71	\$97	26.15%	1,341
Total	\$3,616	\$961	26.65%	10,348

**Supplier Analysis**

Supplier	Revenue	Profit	Profit Margin	Supplier Share
McGraw Hill	\$1,253	\$368	26.98%	19.2%
Bantam Books	\$1,011	\$284	28.09%	15.5%
John Wiley & Sons	\$892	\$252	28.25%	13.7%
Warner Books	\$810	\$210	25.93%	12.4%
Scholastic & Schuster	\$744	\$150	23.29%	11.9%
Scholastic	\$644	\$150	23.29%	9.9%
Perigee	\$438	\$118	26.94%	6.7%
Prentice Hall	\$376	\$101	26.86%	5.8%
Vintage Books	\$358	\$94	26.26%	5.5%

Dynamic Dashboards Have Drilling Capability



**MicroStrategy 9 Dynamic Dashboards are Fully Interactive Out-of-the-Box, Because They Inherit ROLAP Drilling Capability**

With MicroStrategy 9, all grids and graphs on Dynamic Dashboards will automatically inherit ROLAP drilling capability that allows users to interactively investigate data throughout the data warehouse.

**Financial Analysis**

**Sales and Profitability**

**Category Profitability**

Region	Call Center	Profit	Forecast	Profit Margin
Central	Milwaukee	\$2,102	\$1,896	●
Fargo	\$312	\$284	●	
Mid-Atlantic	Washington, DC	\$1,527	\$1,352	●
Charleston	\$701	\$628	●	
Northeast	Boston	\$694	\$577	●
New York	\$3,134	\$3,035	●	
Northwest	San Francisco	\$531	\$522	●
Seattle	\$340	\$291	●	
New Orleans	\$1,593	\$1,490	●	

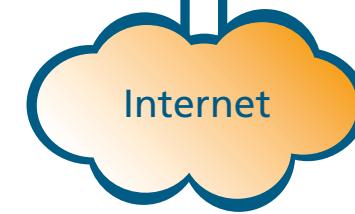
**Real-Time Stock Update**

**YAHOO! FINANCE**

Dow ↑ 1.34% Nasdaq ↑ 2.06%

**Category Sales**

**Stock Performance**



**MicroStrategy 9 Dynamic Dashboards Can Access Real-time Information Feeds Directly from the Internet**

With MicroStrategy 9 Dynamic Dashboards, users can paste any HTTP-accessible Web content directly into a Dynamic Dashboard, thus providing real-time access to Internet-based information and Internet functionality.

## MICROSTRATEGY 9 DYNAMIC DASHBOARDS CAN NOW BE CREATED BY BUSINESS USERS

### Pixel Perfect Desktop Publishing Quality Dashboards . . .



. . . Are Now Easy to Achieve by Business Users Using New Dashboard Templates

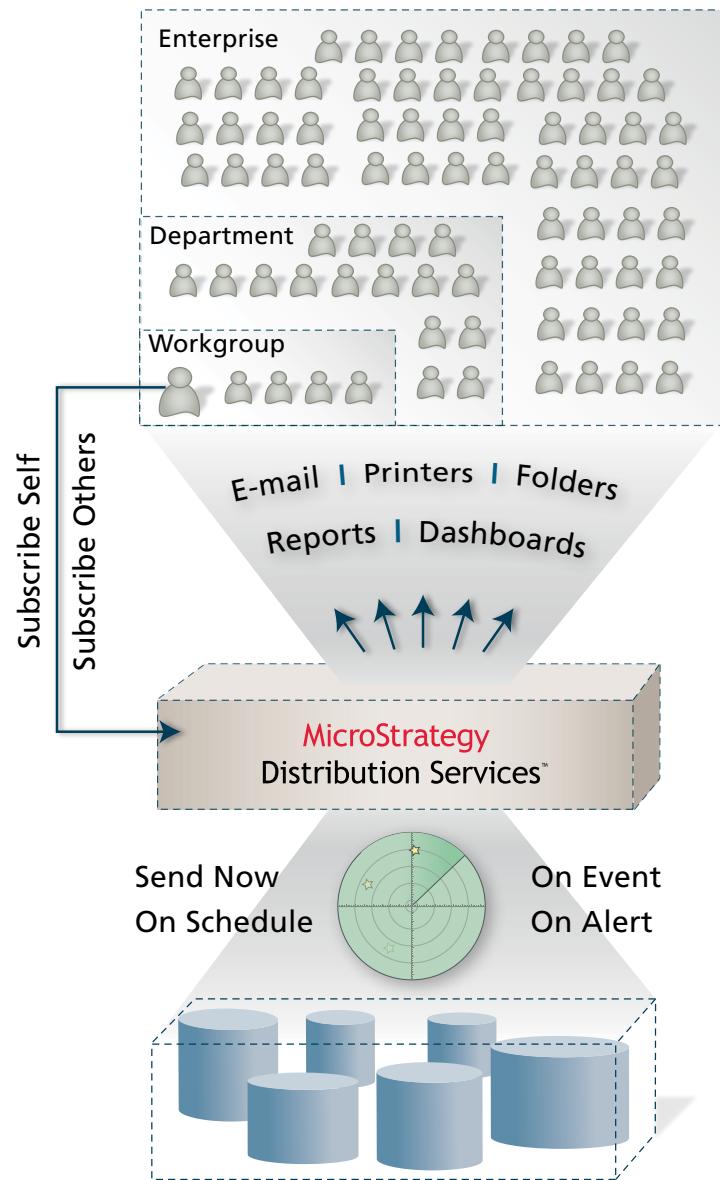
### Dashboard Templates



### Pixel Perfect™ Dashboards Can Be Created by Business Users Using the New Dashboard Templates

MicroStrategy 9 enables business users to create sophisticated dashboard designs easily using the new dashboard template feature and a range of design assistants that accelerate and simplify the dashboard design process.

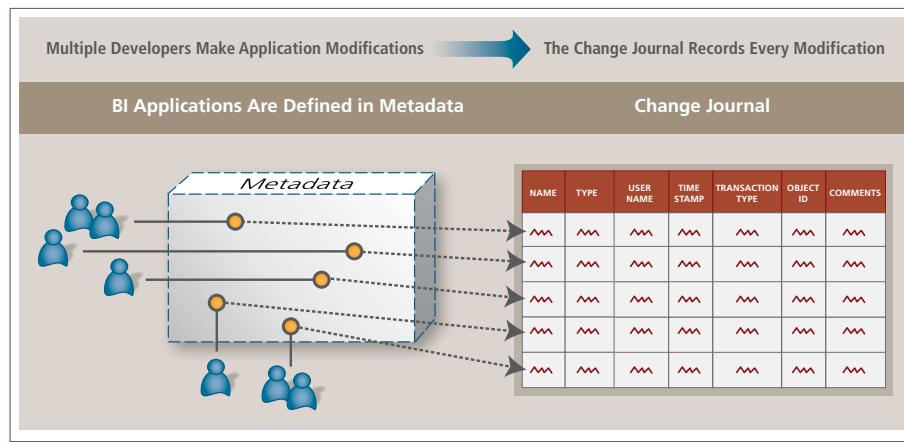
## MICROSTRATEGY 9 DISTRIBUTION SERVICES PLACES THE CONTROL OF INFORMATION DISTRIBUTION INTO THE HANDS OF THE BUSINESS USER



**MicroStrategy Distribution Services Enables Business Users to Set Up Automated Information Distributions for Themselves and for Co-workers**

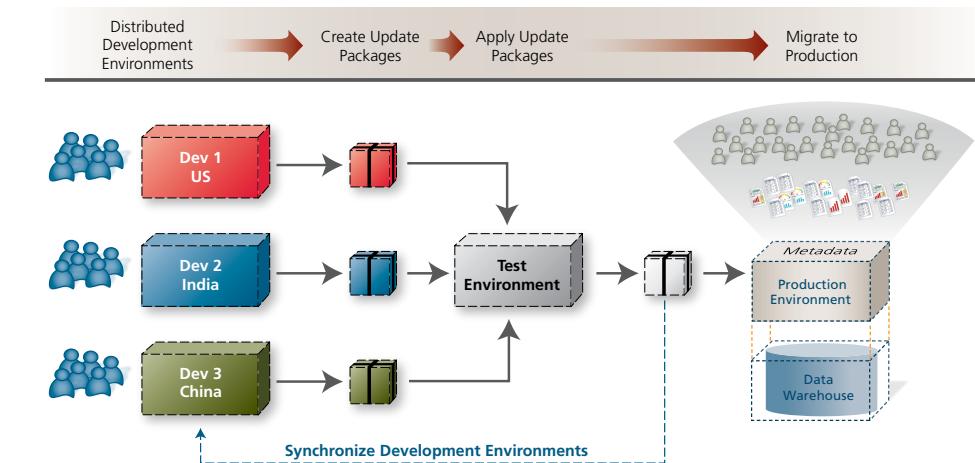
MicroStrategy 9 Distribution Services is a high-volume automated distribution system for reports and dashboards. It is designed to provide business users with the ability to subscribe themselves or subscribe others to receive distributions. Business users can set up their own “personal alert” conditions that, when met, will trigger distributions to occur.

## MICROSTRATEGY 9 HAS MANY NEW FEATURES TO FACILITATE DISTRIBUTED DEVELOPMENT



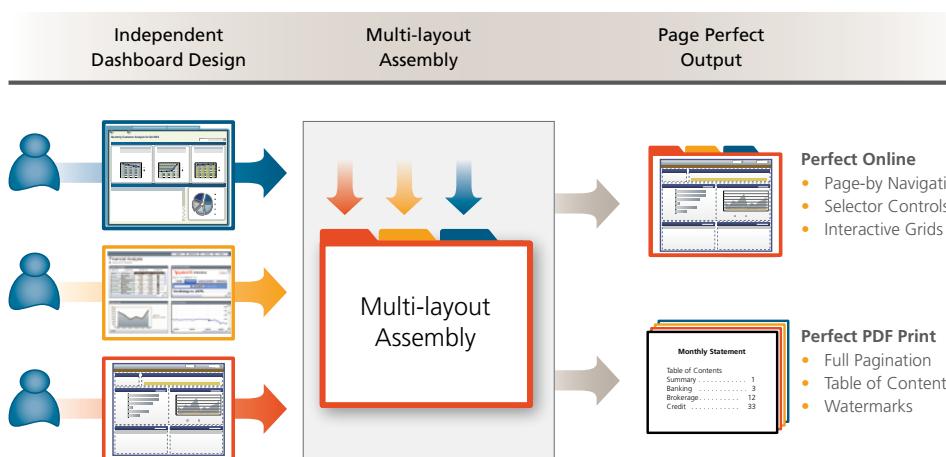
### MicroStrategy 9 Change Journaling Feature Captures All Changes and Coordinates Multiple Development Teams

The Change Journaling capability captures all changes made to the metadata and is particularly valuable when there are multiple independent development teams contributing to a single common metadata or BI application.



### MicroStrategy 9 Update Packages Enable Development Across Multiple Distributed Development Environments

The MicroStrategy 9 Update Package feature allows multiple development teams in different locations to each work on a local copy of the metadata. Periodically they submit their updates to a centralized Test Environment where overlaps are reconciled. A final update package is then sent to the Production Environment and is also sent back to the development environments to keep them in sync.

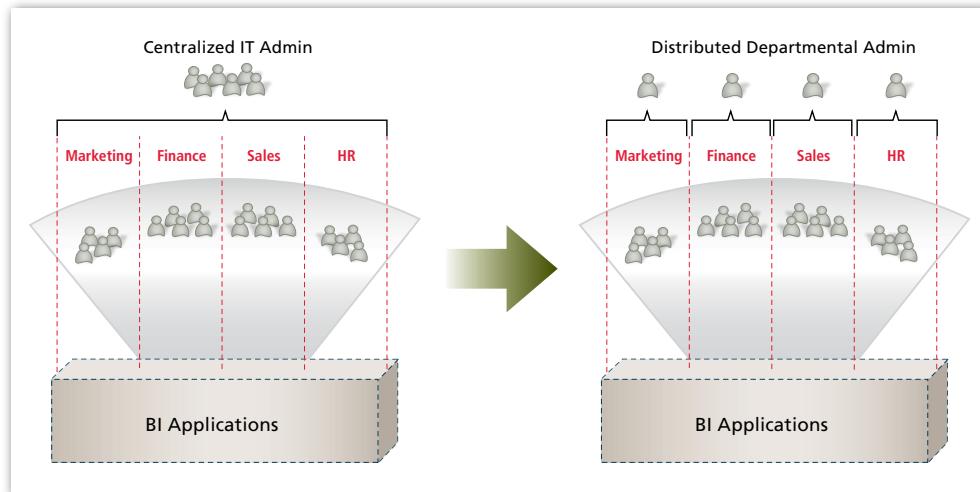


### Complex Multi-part Statement Applications Can Be Built Using New MicroStrategy 9 Reporting Features

MicroStrategy 9 provides new features designed specifically to meet the needs of complex reporting applications typified by customer statements. These types of BI applications require multiple developers to design and maintain the reports, and they need Pixel Perfect behavior both on-screen and in print.

# EXTENDING THE PERFORMANCE, SCALABILITY, & EFFICIENCY OF ENTERPRISE BI

## MICROSTRATEGY 9 HAS MANY NEW FEATURES TO FACILITATE DISTRIBUTED GOVERNANCE & ADMINISTRATION

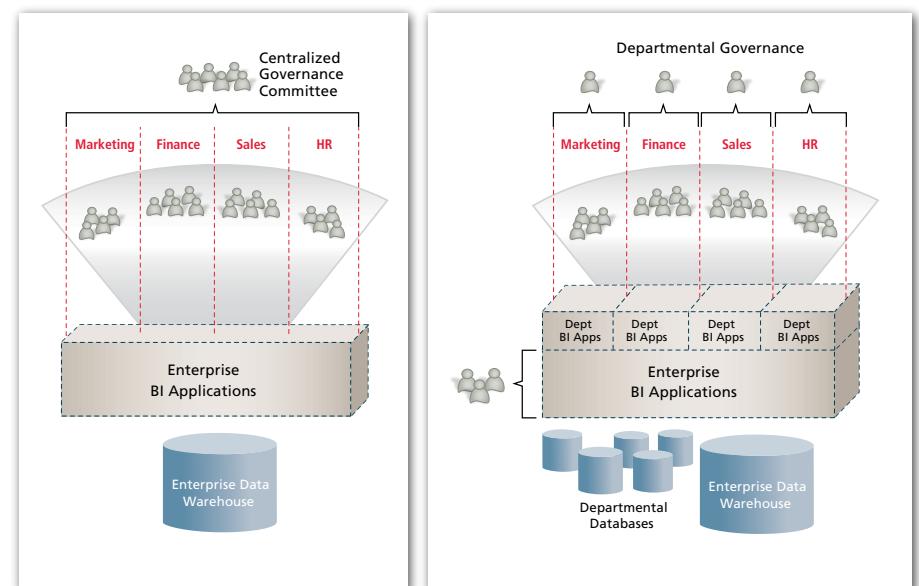


### Administrative Responsibility Can Be Distributed to Departmental Business People

MicroStrategy 9 allows user and application administration responsibilities to be distributed to business people within individual departments using a Web interface. This offloads that task from centralized IT personnel and is generally more responsive to local departmental business requests.

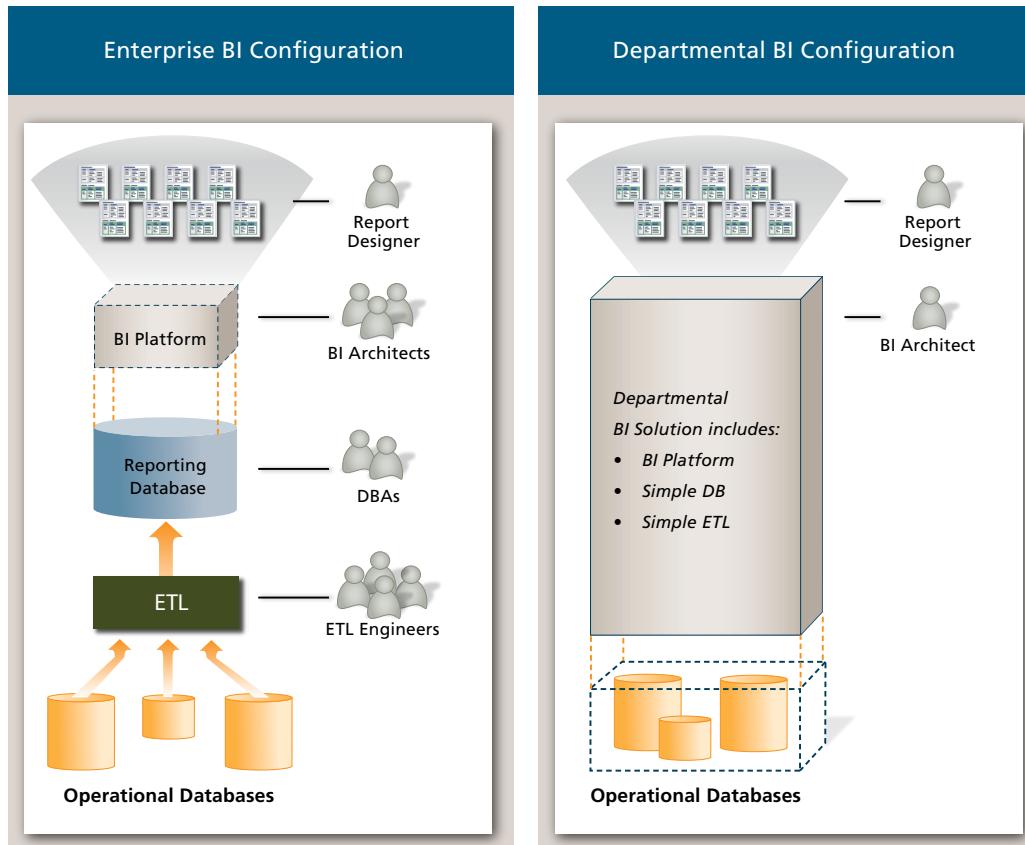
### MicroStrategy 9 Supports Distributed Governance Operational Models

MicroStrategy 9 is designed to support distributed governance models of operation where departments retain autonomous control over their piece of the overall BI system. This gives departments the ability to have their own databases, their own BI applications, and their own metadata within the same infrastructure as the enterprise BI applications and metadata. This provides departments with enterprise-caliber BI technology, but also the nimbleness that comes from autonomous control.



# ENABLING RAPID DEPLOYMENT OF DEPARTMENTAL BI

## MICROSTRATEGY 9 BRINGS ENTERPRISE-CALIBER BI TECHNOLOGY EASILY WITHIN REACH OF DEPARTMENTAL BI INITIATIVES



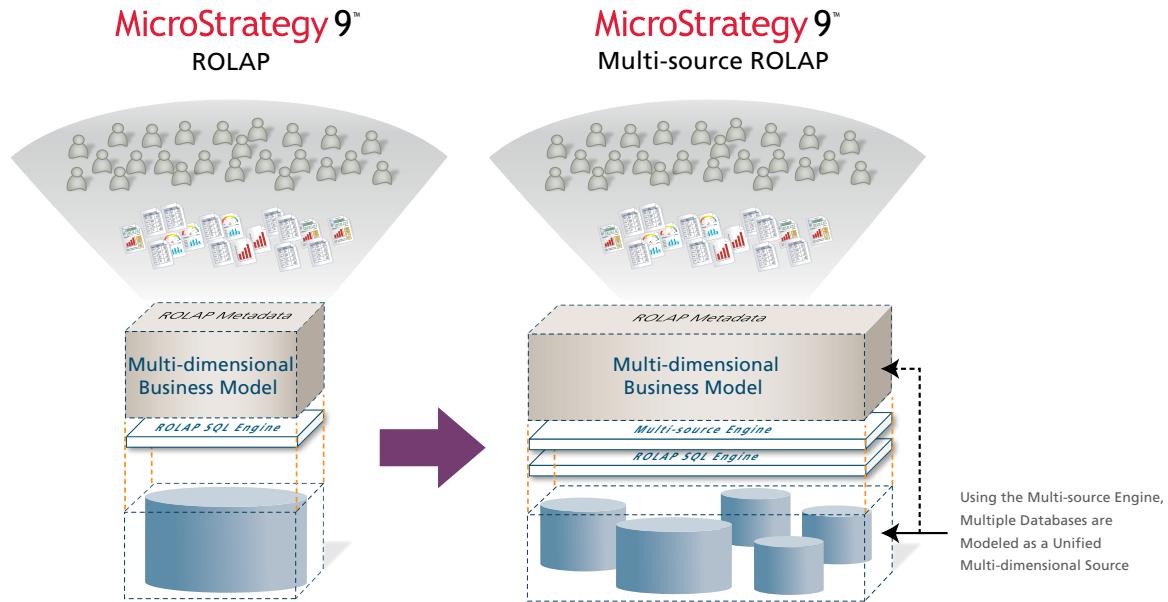
Departmental BI systems lack the breadth of IT resources that enterprise BI systems enjoy, so departmental BI technology must be able to access operational databases directly and provide all of the necessary technical components out-of-the-box.

### Departmental BI Systems Require Less Data Engineering than Enterprise BI Systems

The biggest difference between a departmental BI system and an enterprise BI system is the lack of IT resources. Departments generally do not have the IT personnel or the IT infrastructure of servers and databases to implement a fully configured BI system. Fortunately, most departmental BI applications do not need the full power of a properly engineered enterprise system. They do not need full ETL control, nor do they need a high-performance, high-capacity database system. What they really need is a BI technology that lets them access all of the data and get their BI system running quickly without significant technical expertise or infrastructure. MicroStrategy 9 now brings enterprise-caliber BI capabilities within easy reach of departmental BI application needs.

# ENABLING RAPID DEPLOYMENT OF DEPARTMENTAL BI

MICROSTRATEGY 9 MULTI-SOURCE ROLAP IS A SEAMLESS EXTENSION OF MICROSTRATEGY'S ROLAP ARCHITECTURE



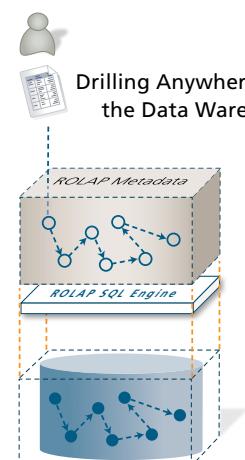
## MicroStrategy 9 Multi-source ROLAP Models Multiple Databases as if They were a Single Database

MicroStrategy's new Multi-source ROLAP capability allows the MicroStrategy metadata to span many databases and treat that collection of databases as if it were one large logical database. The MicroStrategy multi-source engine examines every data request and determines the optimum database from which to retrieve the data for every pass of SQL.

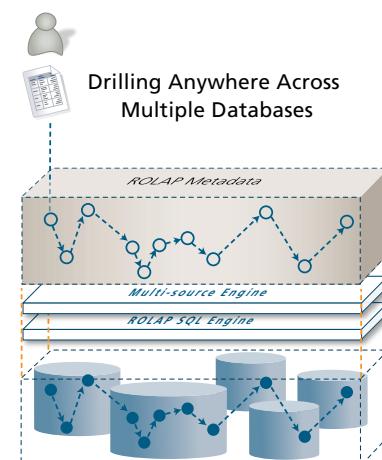
## Multi-source ROLAP Allows Users to Seamlessly Traverse Multiple Databases

MicroStrategy 9 Multi-source ROLAP is completely transparent to users and developers. Users have the same interactive access to data and drilling across multiple sources as they do when accessing and drilling within a single database. Moreover, Multi-source ROLAP is completely transparent to report designers. When users drag attributes and metrics onto a report, they cannot tell from which database those attributes and metrics will be sourced.

## MicroStrategy 9™ ROLAP

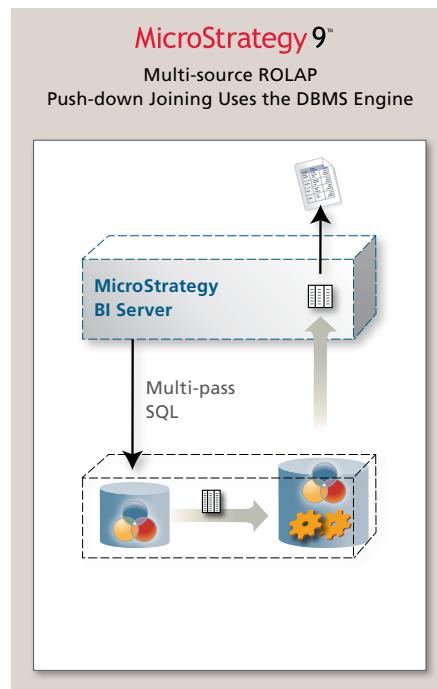
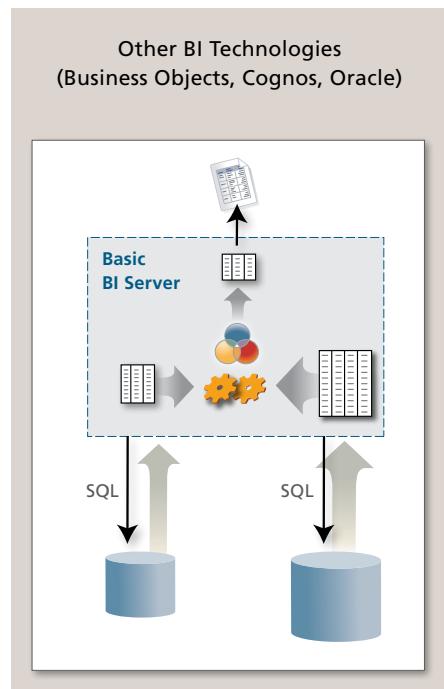


## MicroStrategy 9™ Multi-source ROLAP



# ENABLING RAPID DEPLOYMENT OF DEPARTMENTAL BI

## MICROSTRATEGY 9 MULTI-SOURCE ROLAP IS DESIGNED FOR HIGH PERFORMANCE

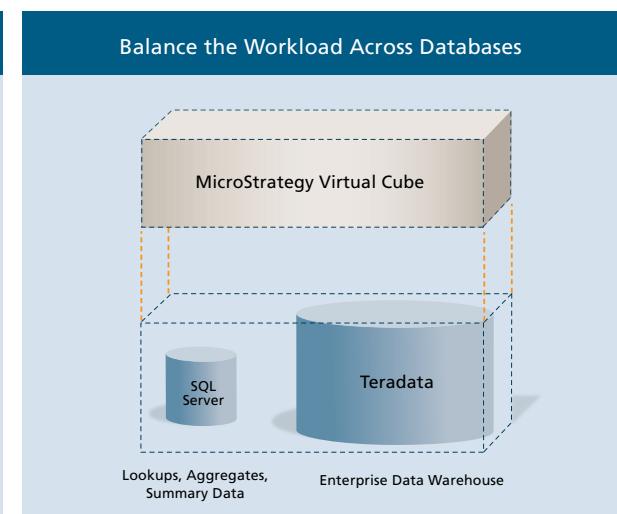
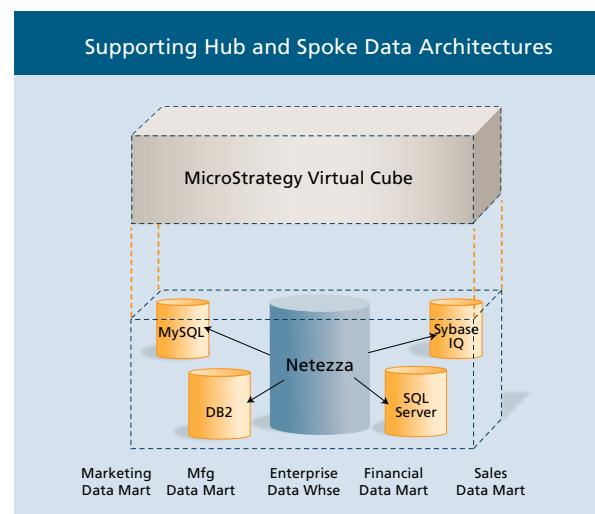


### MicroStrategy Multi-source ROLAP Uses a Unique High Performance "Push-down" Architecture to Join Data Using the Database Engines

MicroStrategy's Multi-source ROLAP joins data using the database engines, rather than transferring all of the data into the middle-tier BI server as with other BI technologies. This is called push-down joining and it requires very sophisticated SQL generation that is only possible with true ROLAP engines. Push-down joining delivers high performance because it moves the least amount of data and utilizes the tremendous power of the modern database engines.

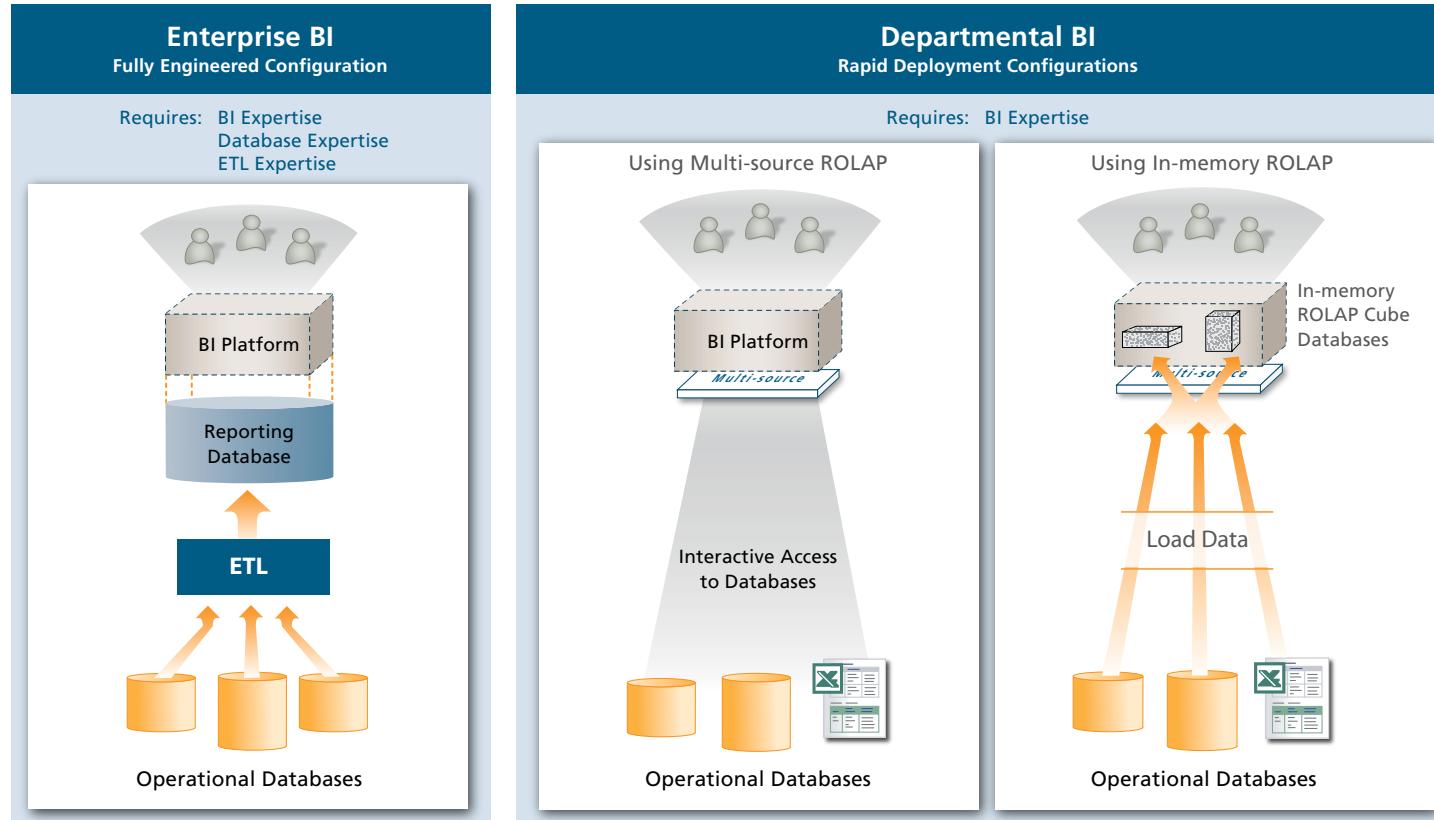
### MicroStrategy 9 Multi-source ROLAP Allows Data Environments to be Optimized for Performance and Cost

Multi-source ROLAP is useful even for enterprise BI implementations where data engineers want to distribute data across a range of database servers to optimally match database power with data workload. MicroStrategy's Multi-source ROLAP engine automatically selects the best database for each query when the data is accessible from more than one source. This helps free up capacity on expensive, high capacity database servers.



# ENABLING RAPID DEPLOYMENT OF DEPARTMENTAL BI

MICROSTRATEGY 9 CAN DELIVER DEPARTMENTAL BI SOLUTIONS WITH LITTLE OR NO IT SUPPORT

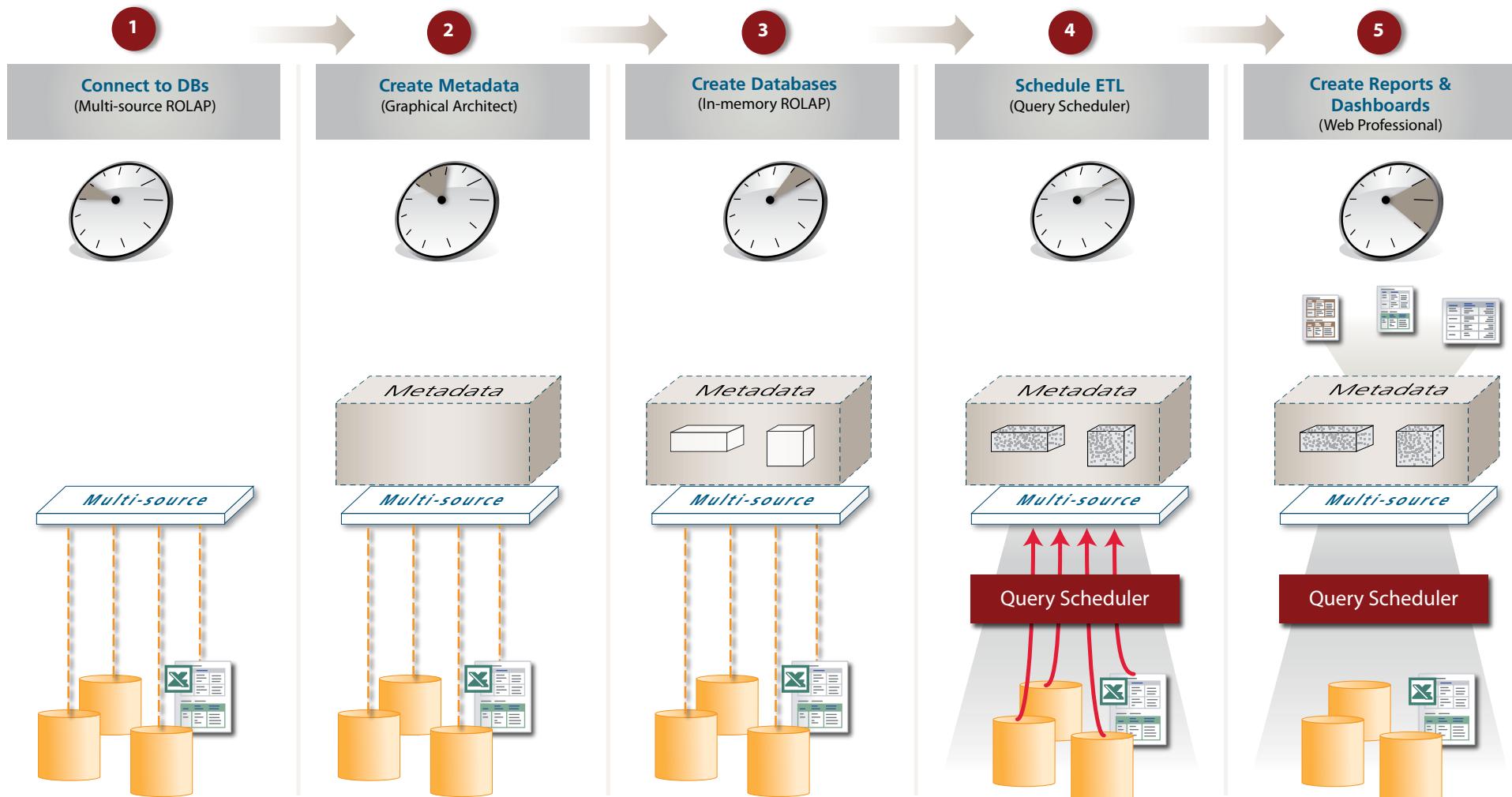


**MicroStrategy 9 Can Provide Departmental BI Quickly and Without the Need for Separate ETL and Database Technology**

MicroStrategy's Multi-source ROLAP and In-memory ROLAP provide critical components to support the need for fast and simple departmental BI solutions that require little or no IT support. Using just Multi-source ROLAP, businesses can set up the simplest BI environment where the BI system directly accesses the operational databases. Adding In-memory ROLAP lets businesses create simple in-memory databases to be used for decision support queries. Basic scheduled queries can be used to periodically load the cube databases with the latest operational data.

# ENABLING RAPID DEPLOYMENT OF DEPARTMENTAL BI

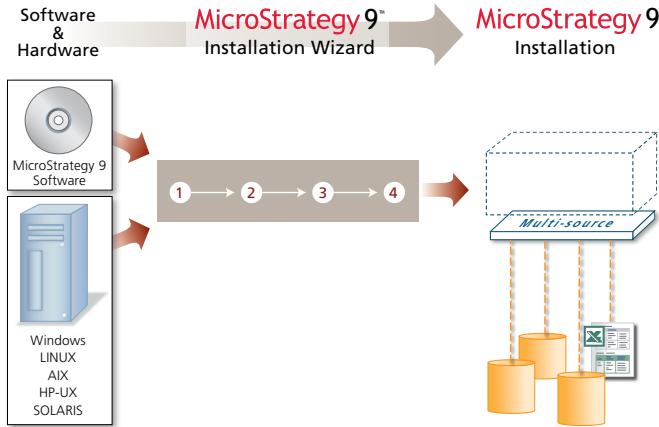
MICROSTRATEGY 9 CAN DELIVER DEPARTMENTAL BI SOLUTIONS QUICKLY



Using MicroStrategy 9, the Five Steps to Implement a Departmental BI System Can Be Accomplished within a Day

# ENABLING RAPID DEPLOYMENT OF DEPARTMENTAL BI

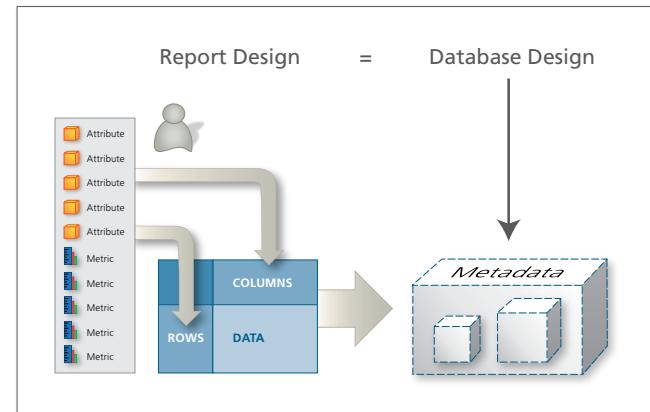
## MICROSTRATEGY 9 CAN DELIVER DEPARTMENTAL BI SOLUTIONS EASILY



### Step 1: Install MicroStrategy 9 and Connect to the Databases Using MicroStrategy Multi-source ROLAP Capability

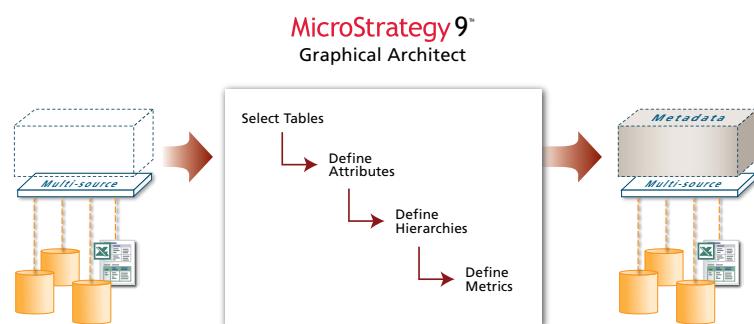
MicroStrategy's installation wizard takes the user through a guided process to install all of the necessary MicroStrategy software components. MicroStrategy Multi-source ROLAP allows the user to connect to multiple databases, including Excel.

### MicroStrategy 9™ In-memory ROLAP



### Step 2: Create the Business Model (Metadata) Using Graphical Architect

The next step is to create the multi-dimensional business model (metadata) based on the rows and columns presented by the databases. MicroStrategy's Graphical Architect provides a simple palette for identifying which tables and columns from the various databases are to be used and describes the relationships between the columns. At the end of the process, the user has a list of attributes and metrics objects that can be dragged-and-dropped onto reports or dashboards.



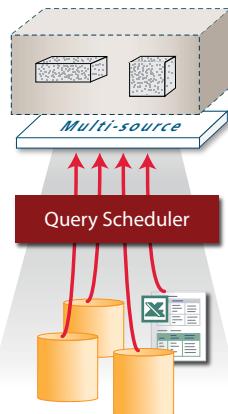
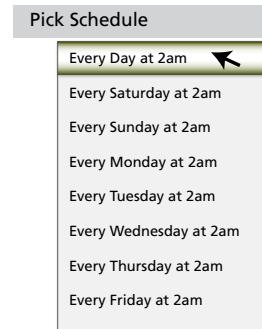
### Step 3: Design the Databases Using In-memory ROLAP Cubes

Designing In-memory ROLAP Cubes is no more complicated than designing reports. Users simply drag-and-drop whatever combinations of attributes and metrics they want onto a cube design template and then save the result. There are no tables to define, keys to specify, or data types to define. The MicroStrategy software takes care of everything needed to create the cube database, based only on the attributes and metrics that users want to include in their reporting.

# ENABLING RAPID DEPLOYMENT OF DEPARTMENTAL BI

## MICROSTRATEGY 9 CAN DELIVER DEPARTMENTAL BI SOLUTIONS EASILY

### MicroStrategy 9™ Intelligence Server Scheduler

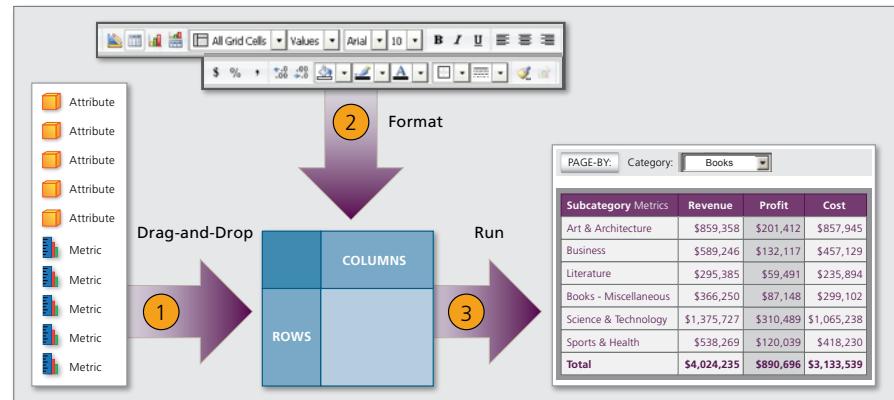


### Step 4:

#### Schedule Simplified Extract and Load Capability Using MicroStrategy Query Scheduler

MicroStrategy's native scheduling system is all that is needed to periodically repopulate the ROLAP Cubes with fresh data from the source databases.

### MicroStrategy 9™ Web



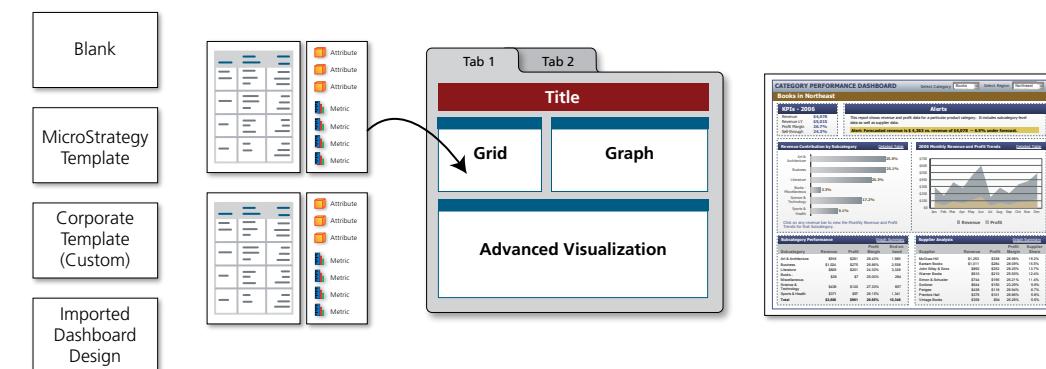
### Step 5 – Part 1:

#### Build Reports Using MicroStrategy Web Professional

Users can design reports in MicroStrategy 9 using the simple Web Professional interface or the more feature-rich Desktop Designer interface. In either interface, the act of creating a report is the same – simply drag-and-drop attributes and metrics onto a blank report template, then format the template and run the report.

### MicroStrategy 9™ Report Services

- 1 Pick a Template to Start
- 2 Select Some Reports for Data Sets
- 3 Lay Out the Dashboard & Format as Desired
- 4 Done

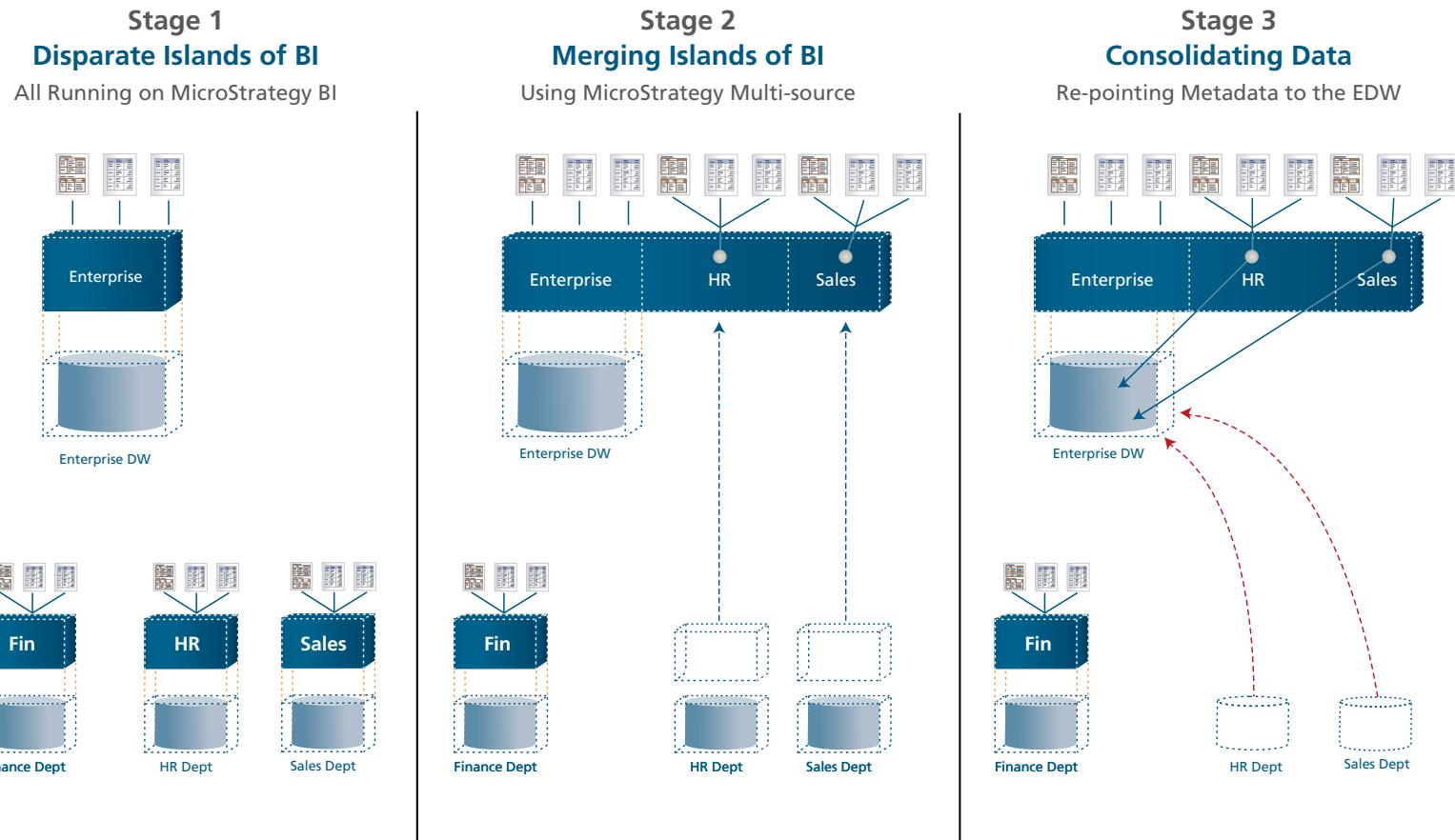


### Step 5 – Part 2 :

#### Design Dashboards Using MicroStrategy Web Professional and New Dashboard Templates

The MicroStrategy Report Services component handles both dashboards and enterprise report designs. MicroStrategy 9 dashboards now include new capabilities to create dashboards more quickly and easily than ever before. Using new dashboard templates, business users are guided through a process of populating and formatting their dashboards without programming or specialized skills.

# SUPPORTING SMOOTH MIGRATION FROM DEPARTMENTAL ISLANDS OF BI TO ENTERPRISE BI



## MicroStrategy 9 Supports a Gradual and Incremental Migration from Islands of BI into a Consolidated Enterprise BI System

With MicroStrategy 9, companies can follow a three-stage process for consolidating islands of BI gradually into a cohesive enterprise BI architecture. The first stage requires that all islands of BI are built using MicroStrategy BI technology so that there is metadata compatibility for future consolidation. The second stage is to consolidate metadata for departmental islands into the enterprise system. Using Multi-source ROLAP, this stage can be done without any disruption to users or their reports. The final stage is to consolidate the data from disparate databases into the enterprise data warehouse and re-point the metadata to the new data source.

## MICROSTRATEGY PRODUCTS

<b>MicroStrategy Intelligence Server™</b>	An industrial-strength analytical server optimized for enterprise querying, reporting, and OLAP analysis	<b>MicroStrategy Desktop™</b>	Provides an integrated development, administration, and run-time business intelligence environment on the personal computing desktop
<b>MicroStrategy Report Services™</b>	An extension to MicroStrategy Intelligence Server, MicroStrategy's enterprise reporting engine delivers the full range of report formats, including scorecards and dashboards, financial reports, customer invoices and statements, and highly detailed operational reports	<b>MicroStrategy Architect™</b>	A rapid development tool that maps the physical structure of the data warehouse into a logical business model
<b>MicroStrategy OLAP Services™</b>	An extension to MicroStrategy Intelligence Server, OLAP Services enables MicroStrategy Web, Office, and Desktop users to perform intuitive OLAP analysis with Intelligent Cubes	<b>MicroStrategy Object Manager™</b>	Manages business intelligence applications between development, testing, and production systems
<b>MicroStrategy Distribution Services™</b>	An extension to MicroStrategy Intelligence Server, Distribution Services enables high volume, managed report distribution through e-mail, printers, and file systems on a scheduled basis	<b>MicroStrategy Command Manager™</b>	Enables the creation and execution of test-based commands from a command line and a graphical interface
<b>MicroStrategy MultiSource Option™</b>	An extension to MicroStrategy Intelligence Server, MultiSource Option enables users to seamlessly report, analyze, and monitor data across multiple data sources through a single business model	<b>MicroStrategy Enterprise Manager™</b>	A monitoring tool that provides usage and resource information about the business intelligence environment
<b>MicroStrategy Web™</b>	An interactive environment for reporting and analysis through an all-HTML and zero-footprint Web client	<b>MicroStrategy Integrity Manager™</b>	A report comparison tool that provides automated information integrity assurance and regression analysis
<b>MicroStrategy Office™</b>	Delivers the full power and sophistication of the MicroStrategy industrial-strength business intelligence platform to the Microsoft Office Productivity suite	<b>MicroStrategy SDK™</b>	Exposes the functionality of the MicroStrategy architecture via an open API for customization of the Web interface and integration with third-party applications
<b>MicroStrategy Mobile™</b>	An interactive user interface for monitoring, reporting, and analysis for BlackBerry devices	<b>MicroStrategy Clustering Option™</b>	An extension to MicroStrategy Intelligence Server, Clustering Option adds load-balancing and fault-tolerance to mission-critical MicroStrategy BI implementations



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MicroStrategy, MicroStrategy 6, MicroStrategy 7, MicroStrategy 7i, MicroStrategy 7i Evaluation Edition, MicroStrategy 7i Olap Services, MicroStrategy 8, MicroStrategy 9, MicroStrategy Distribution Services, MicroStrategy MultiSource Option, MicroStrategy Command Manager, MicroStrategy Enterprise Manager, MicroStrategy Object Manager, MicroStrategy Reporting Suite, MicroStrategy Power User, MicroStrategy Analyst, MicroStrategy Consumer, MicroStrategy Email Delivery, MicroStrategy BI Author, MicroStrategy BI Modeler, MicroStrategy Evaluation Edition, MicroStrategy Administrator, MicroStrategy Agent, MicroStrategy Architect, MicroStrategy BI Developer Kit, MicroStrategy Broadcast Server, MicroStrategy Broadcaster, MicroStrategy Broadcaster Server, MicroStrategy Business Intelligence Platform, MicroStrategy Consulting, MicroStrategy CRM Applications, MicroStrategy Customer Analyzer, MicroStrategy Desktop, MicroStrategy Desktop Analyst, MicroStrategy Desktop Designer, MicroStrategy eCRM 7, MicroStrategy Education, MicroStrategy eTrainer, MicroStrategy Executive, MicroStrategy Infocenter, MicroStrategy Intelligence Server, MicroStrategy Intelligence Server Universal Edition, MicroStrategy MDX Adapter, MicroStrategy Narrowcast Server, MicroStrategy Objects, MicroStrategy OLAP Provider, MicroStrategy SDK, MicroStrategy Support, MicroStrategy Telecaster, MicroStrategy Transactor, MicroStrategy Web, MicroStrategy Web Business Analyzer, MicroStrategy World, Alarm, Alarm.com, Alert, Angel, Angel.com, Application Development and Sophisticated Analysis, Best In Business Intelligence, Centralized Application Management, Changing The Way Government Looks At Information, DSSArchitect, DSS Broadcaster, DSS Broadcaster Server, DSS Office, DSSServer, DSS Subscriber, DSS Telecaster, DSSWeb, eBroadcaster, eCaster, eStrategy, eTelecaster, Information Like Water, Insight Is Everything, Intelligence Through Every Phone, Your Telephone Just Got Smarter, Intelligence To Every Decision Maker, Intelligent E-Business, IWAPU, Personal Intelligence Network, Personalized Intelligence Portal, Query Tone, Quickstrike, Rapid Application Development, Strategy.com, Telepath, Telepath Intelligence, Telepath Intelligence (and Design), MicroStrategy Intelligent Cubes, The E-Business Intelligence Platform, The Foundation For Intelligent E-Business, The Integrated Business Intelligence Platform Built For The Enterprise, The Intelligence Company, The Platform For Intelligent E-Business, The Power Of Intelligent E-Business, The Scalable Business Intelligence Platform Built For The Internet, Industrial-Strength Business Intelligence, Office Intelligence, MicroStrategy Office, MicroStrategy Report Services, MicroStrategy Web MMT, MicroStrategy Web Services, Pixel Perfect, MicroStrategy Mobile, MicroStrategy Integrity Manager and MicroStrategy Data Mining Services are all registered trademarks or trademarks of MicroStrategy Incorporated.

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#### Patent Information

This product is patented. One or more of the following patents may apply to the product sold herein: U.S. Patent Nos. 6,154,766, 6,173,310, 6,260,050, 6,263,051, 6,269,393, 6,279,033, 6,501,832, 6,567,796, 6,587,547, 6,606,596, 6,658,093, 6,658,432, 6,662,195, 6,671,715, 6,691,100, 6,694,316, 6,697,808, 6,704,723, 6,707,889, 6,741,980, 6,765,997, 6,768,788, 6,772,137, 6,788,768, 6,792,086, 6,798,867, 6,801,910, 6,820,073, 6,829,334, 6,836,537, 6,850,603, 6,859,798, 6,873,693, 6,885,734, 6,888,929, 6,895,084, 6,940,953, 6,964,012, 6,977,992, 6,996,568, 6,996,569, 7,003,512, 7,010,518, 7,016,480, 7,020,251, 7,039,165, 7,082,422, 7,113,993, 7,181,417, 7,127,403, 7,174,349, 7,194,457, 7,197,461, 7,228,303, 7,260,577, 7,266,181, 7,272,212, 7,302,639, 7,324,942, 7,330,847, 7,340,040, 7,356,758, 7,356,840, 7,415,438, 7,428,302, 7,430,562, 7,440,898 and 7,457,397. Other patent applications are pending.

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