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Enterprise Performance Management for the Public Sector

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Director Emea Public Sector – Analytics and Reporting



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The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Agenda

- Oracle At-a-Glance
- Oracle iGovernment Vision
- Government Performance Management Challenges
- Oracle's Strategy-to-Success (S2S) Framework
- Oracle's EPM System



Oracle At-a-Glance



Founded in 1977. Headquarters in Redwood Shores, CA with operations in 145 countries.

- \$22.4 billion in FY2008
- 320,000 total customers
- 220,000 database customers
- 37,500 applications customers
- 53,500 middleware customers
- 19,500 partners
- 74,000 employees
- 14,000 developers
- 7,500 support staff

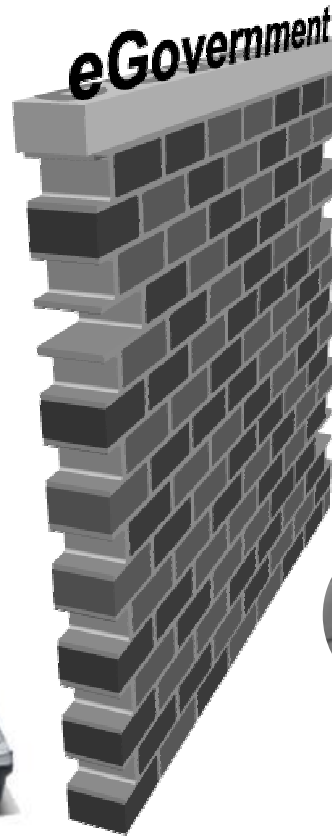
Globally...

- #1 in Database
- #1 in Supply Chain Mgmt
- #1 in Customer Relationship Mgmt
- #1 in Human Capital Mgmt
- #1 in Performance Management
- #1 in Industries
 - Retail
 - Communications
 - Public Sector
 - Professional Services
 - Financial Services

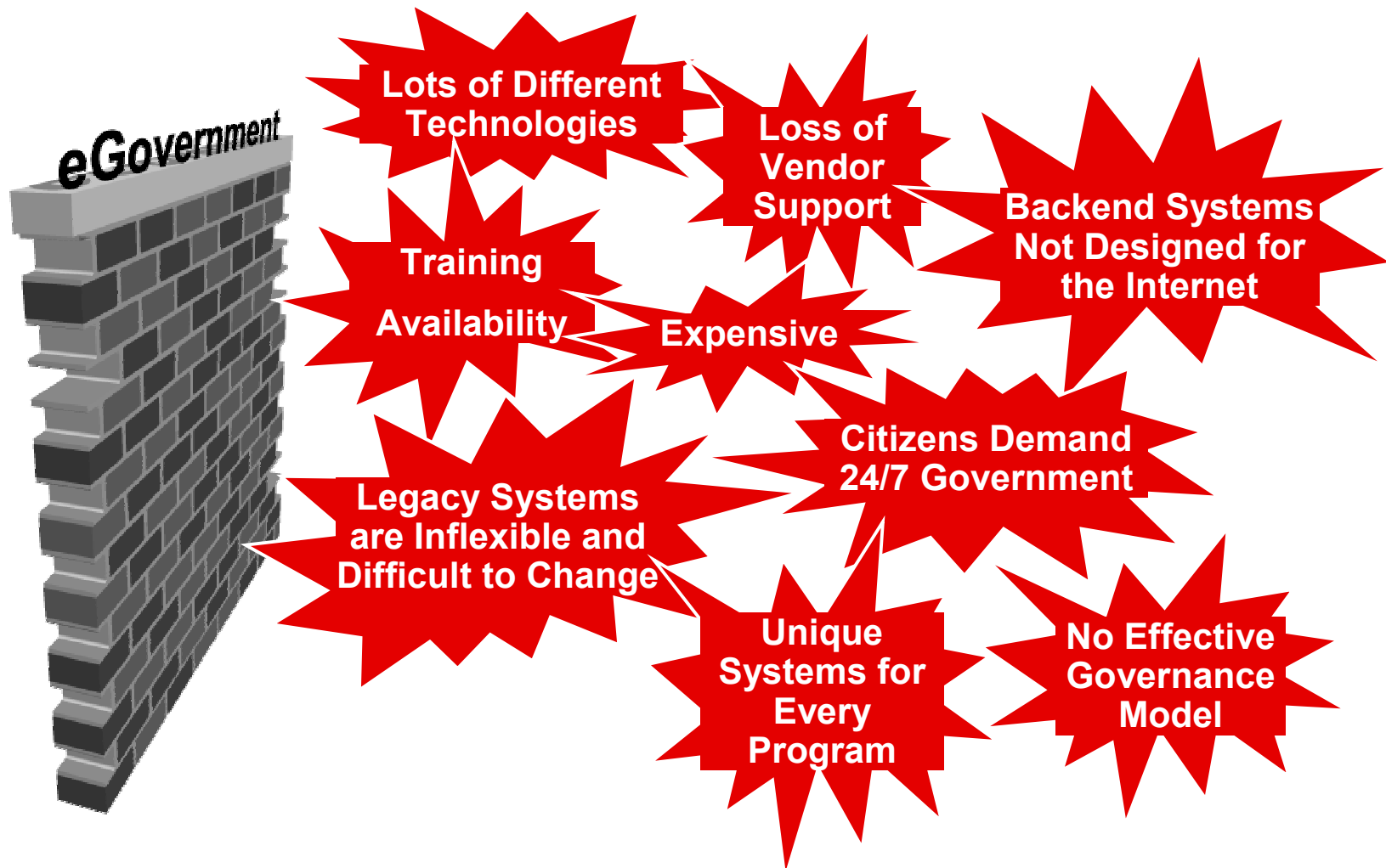
Oracle **iGovernment** Vision



Where We Are Today

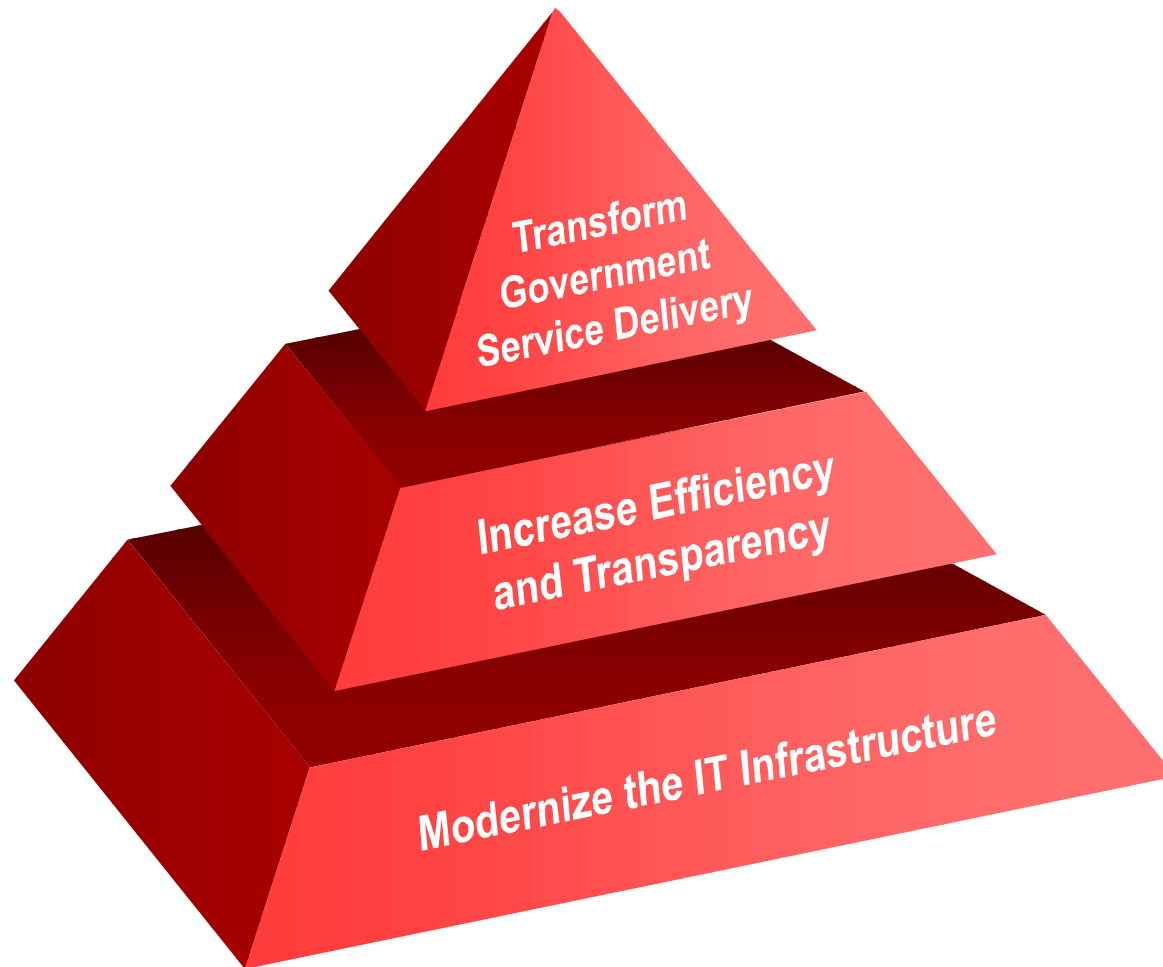


eGovernment Issues

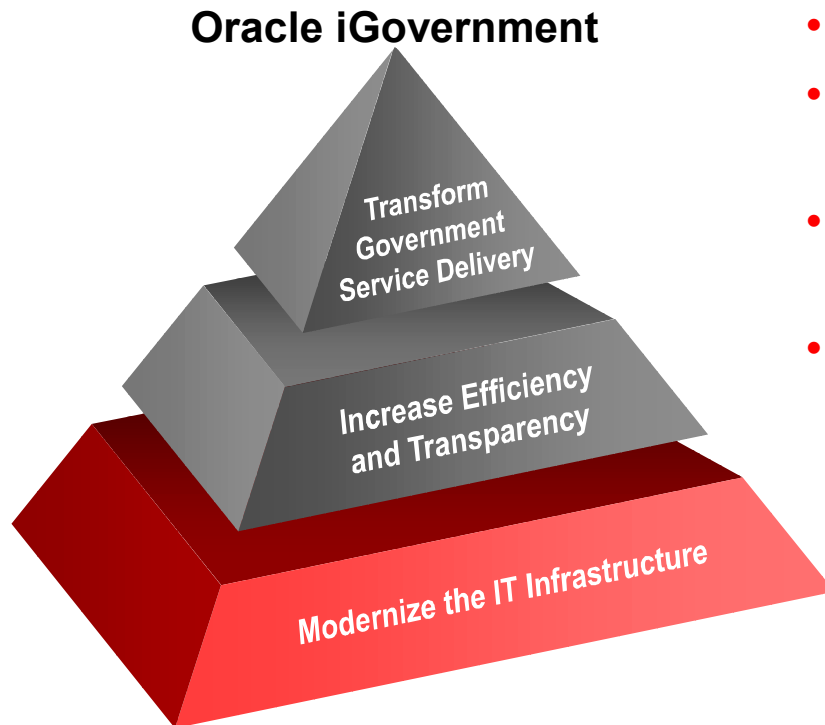


From eGovernment to...

Oracle iGovernment

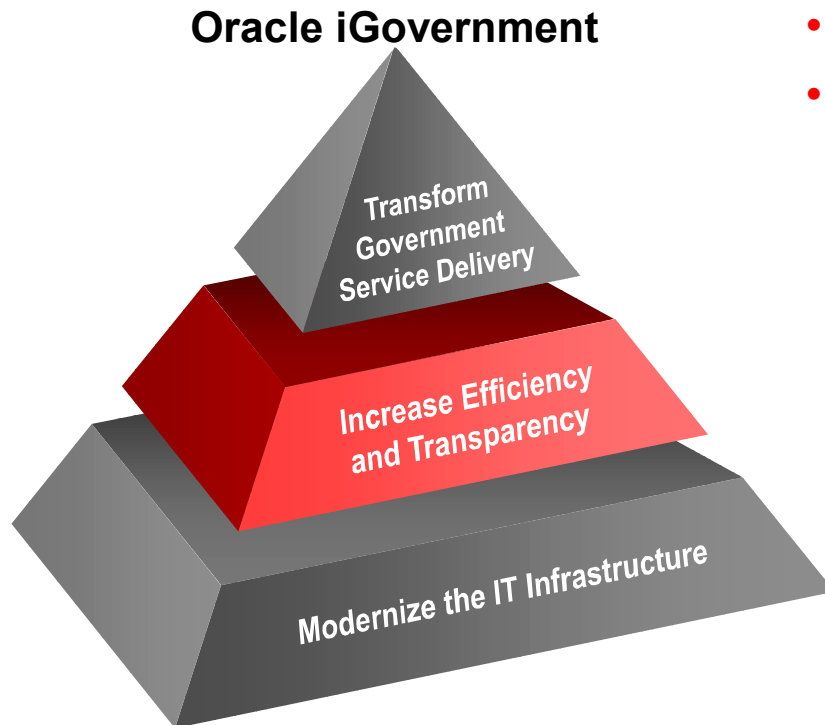


Modernize the IT Infrastructure



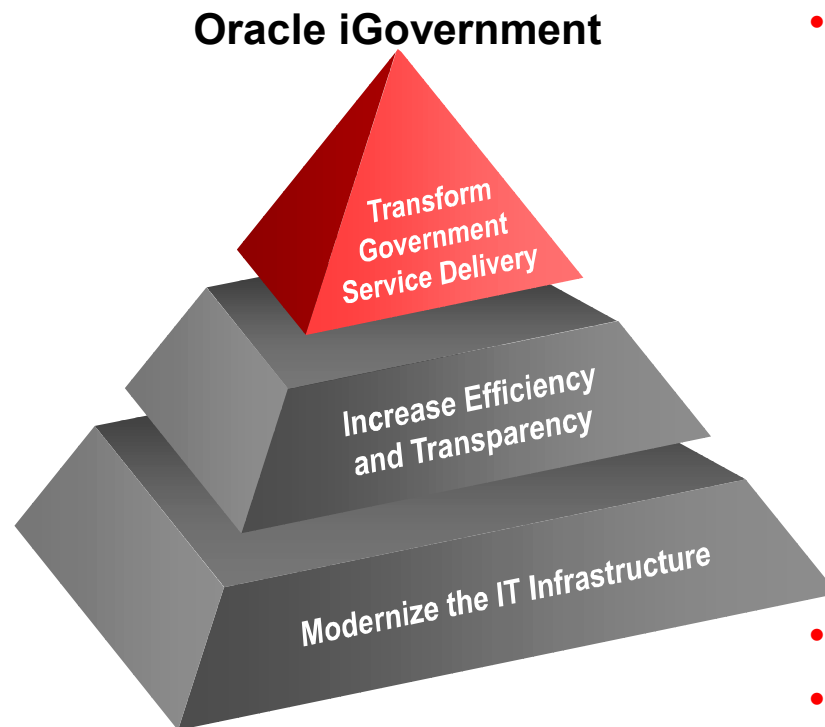
- Support Open Standards
- Transition to Grid Computing and Virtualization
- Migrate to a Service Oriented Architecture
- Ensure Security and Controlled Access

Increase Efficiency and Transparency



- Deliver Shared Services
- Streamline Business Processes
 - Planning and Budgeting
 - Tax and Revenue
 - Financial Management
 - Human Capital Management
 - Procurement
 - Project and Grant Management
- Ensure the Integrity of Operations

Transform Government Service Delivery



- Provide a Common Service Delivery Platform
 - CRM (client centric)
 - Case Management
 - Portals and Content
 - Automated Workflow and Assignment
 - GIS
 - Mobile Computing
 - Rules Engine
- Manage Master Data
- Enable Self-Service
- Embed Business Intelligence and Analytics



Oracle's Application Strategy

Offers Unprecedented Value

- ✓ **Deliver COMPLETE, Best-in-Class Industry Solutions**

Industry solutions, not just administrative processes, that positively influence market competitiveness

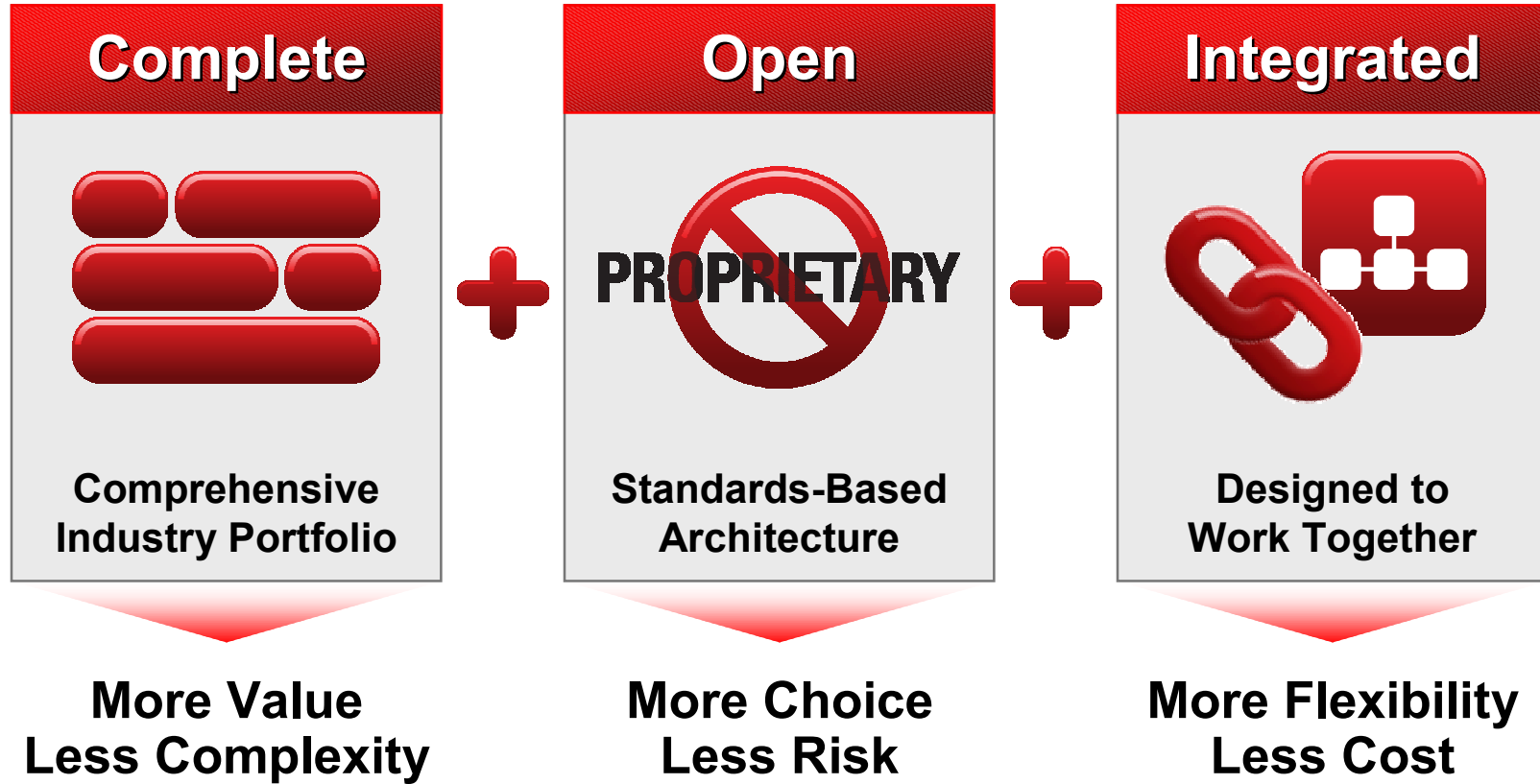
- ✓ **On an OPEN Standards-Based Architecture**

Lowers risk through a broader choice of solutions and connectivity within and across the enterprise

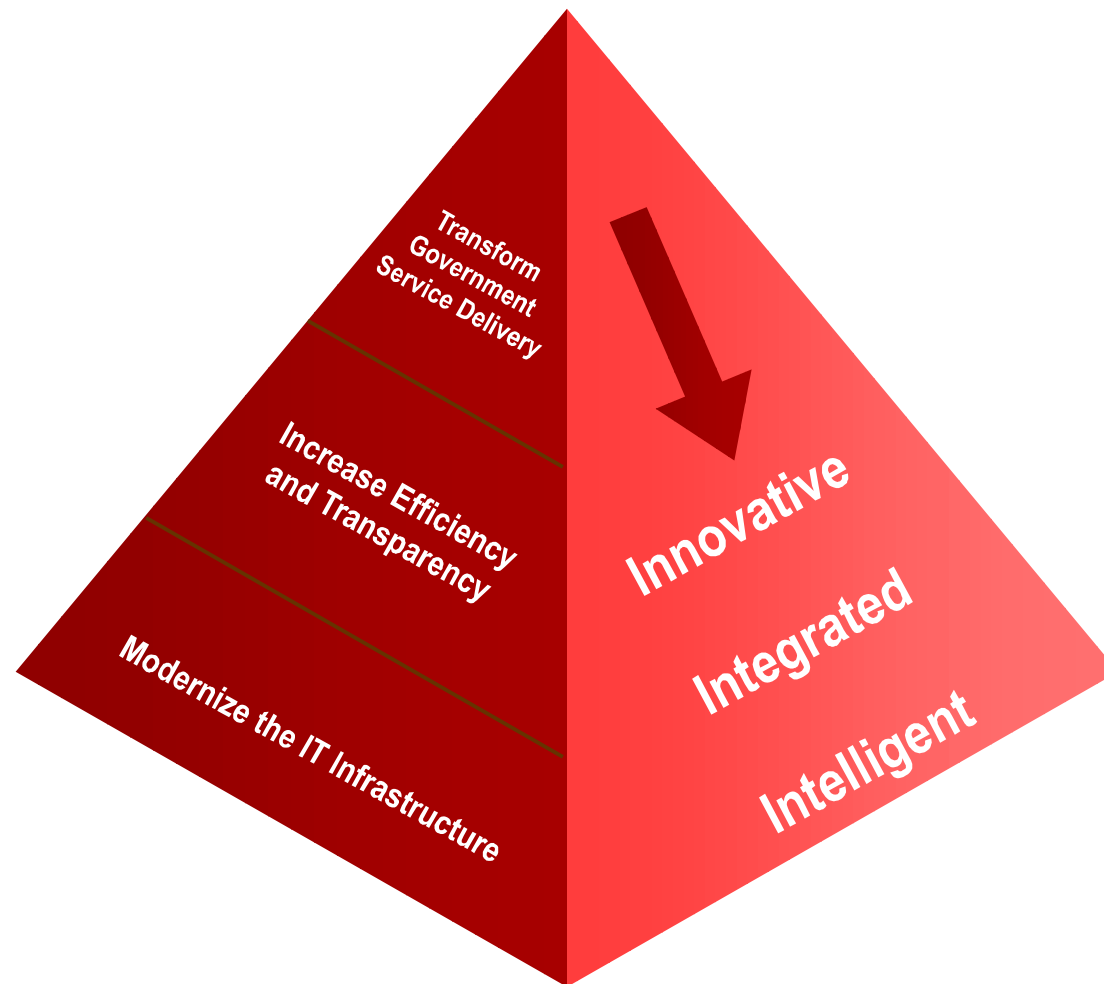
- ✓ **INTEGRATED for High-Value and Flexibility**

Out-of-box integration of processes, user experience and intelligence to reduce cost of deployment and provide flexibility to change

Oracle's Application Strategy



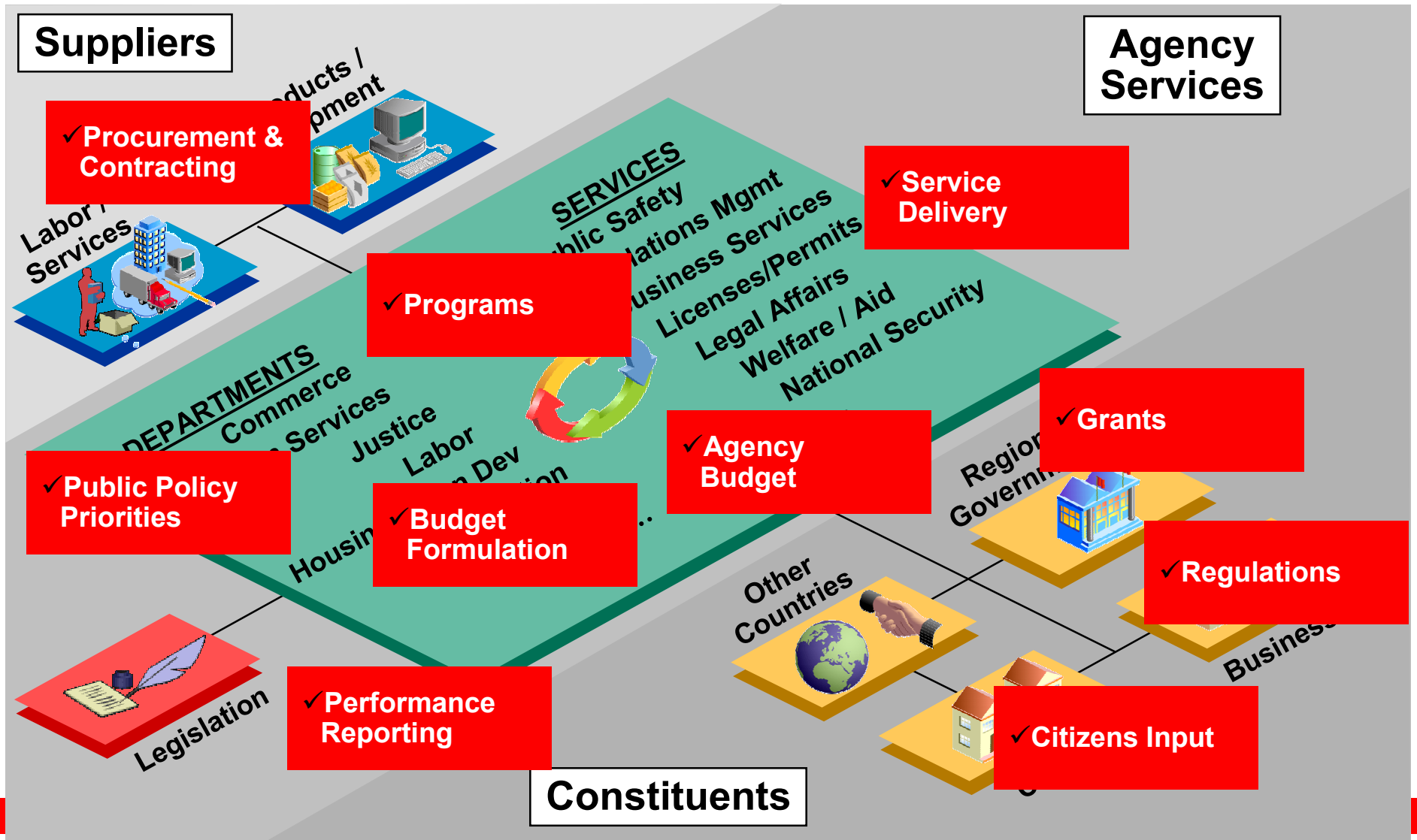
Oracle iGovernment



Government Performance Management Challenges



The National and Local Government Value Chain: Prioritize Needs and Deliver Services for the Public Good



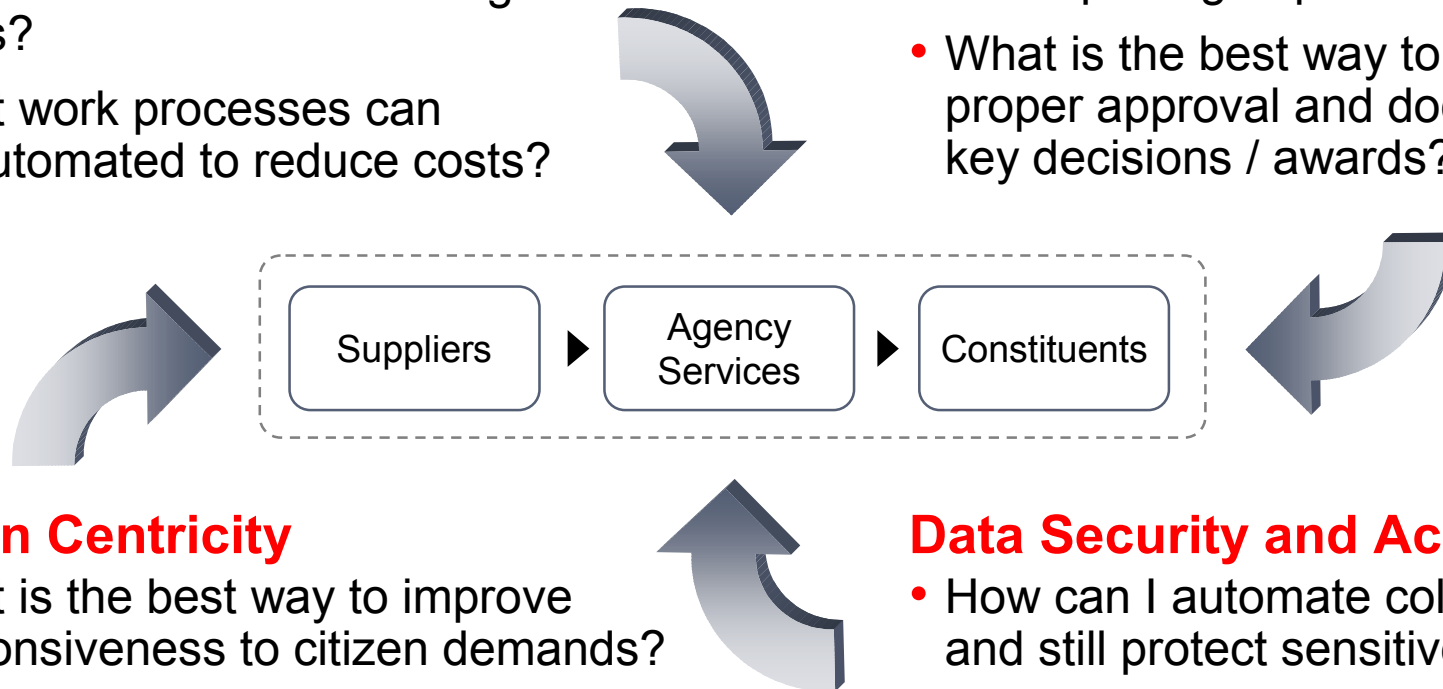
National and Local Government Drivers

Fiscal Management

- How can we maximize revenue collections without increasing taxes?
- What work processes can be automated to reduce costs?

Increasing Accountability

- How can I improve tracking and reporting of public funds?
- What is the best way to enforce proper approval and document key decisions / awards?



Citizen Centricity

- What is the best way to improve responsiveness to citizen demands?
- How should cases be distributed to improve workload and consistency of outcomes?

Data Security and Access

- How can I automate collaboration and still protect sensitive data?
- What is the best way to provide controlled, remote access to centrally managed information?



Global Financial Crisis

Crisis headlines

- **Downturn in the stock markets** – DJ fell below 1997 levels
- **Significant value destruction** – market caps declined by > \$10 trn. first 2 weeks of October
- **6 of 30 largest banks disappeared** nationalized – RBS, Fortis, Dexia, HBOS, Wachovia, Lloyds TSB
- **3 of 5 top investment banks disappeared**, remaining two now normal banks
- **Capital markets dried up**, esp. inter-bank lending
- Issuance of **ABS** fell by 75% in H2 '07 and **stopped** in '08, **plain debt** down by 75% in '08
- **Deposit guarantee schemes tested**
- **Bail-out packages of \$700bn** in the **US** and approximately **\$2,550bn** in **Europe** passed
- **Public insolvency possible/likely** in **Iceland, Hungary**
- **Several countries in recession**

Trust completely shaken – not yet back despite government intervention

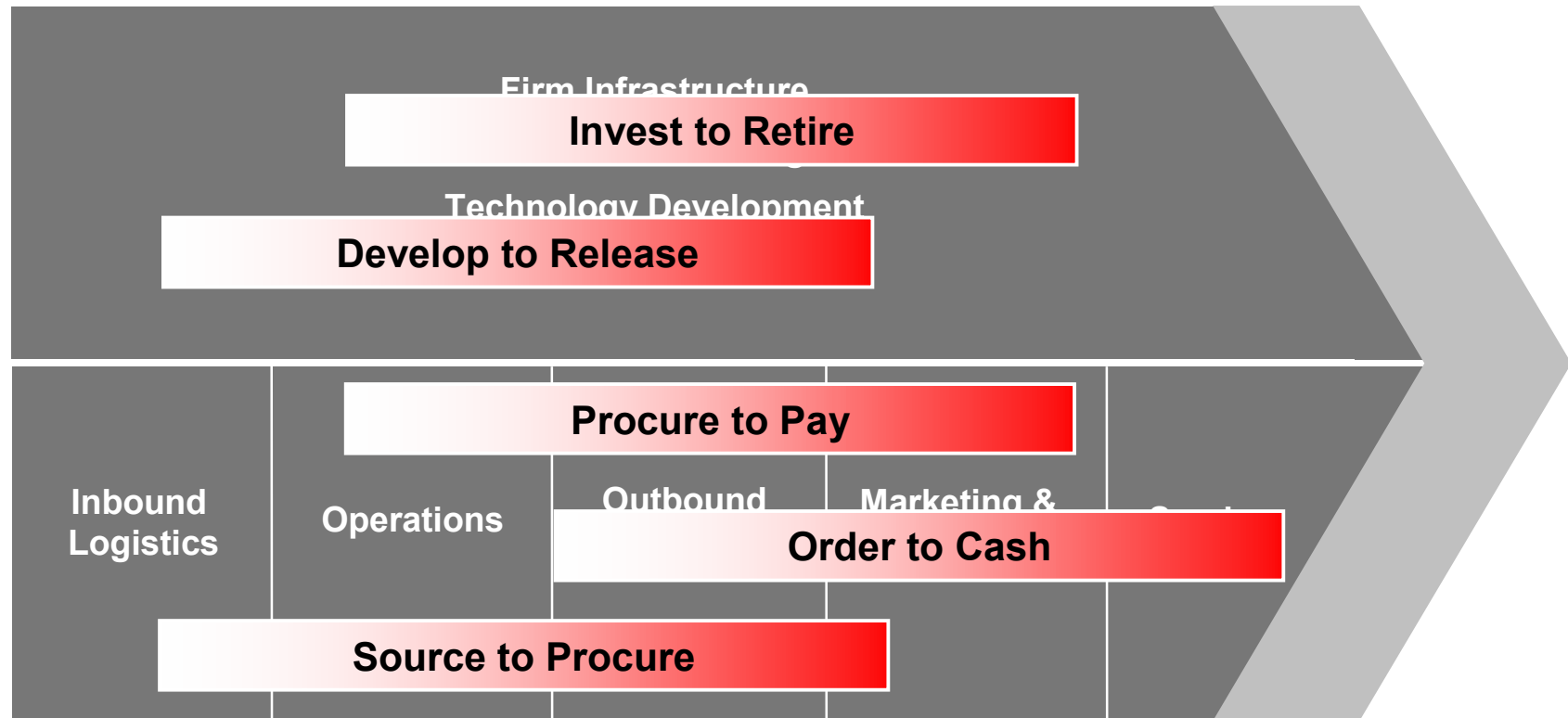
Source: Eurostat; IMF; Handelsblatt; Financial Times; Worldscope; A.T. Kearney analysis

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Oracle's **Strategy-to-Success** Framework



ERP Has Levelled the Playing Field Creating Operational Efficiencies



Based on Michael E. Porter's Value Chain

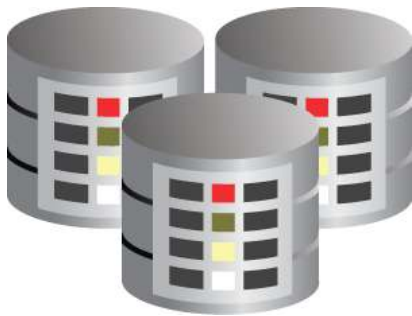


Operational Excellence – the Oracle example

- **1999**: Oracle launches a program with the goal of saving \$1Billion through operational improvements leveraging its Technology and Applications.
- **2001**: The first \$1B is saved. Operational Processes standardised in one global process, 40 Data Centers consolidated into two; 65 financial sources consolidated into one.
- by **2004** Oracle had a global Enterprise Resource Planning (ERP) and Customer Relationship Management (CRM) single instance.

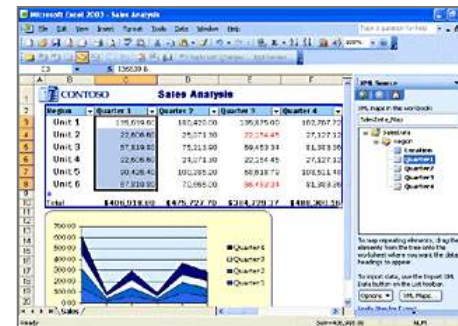
Management Systems Complement Operational Systems

How You **Run** Your Agency Leads to **Operational Excellence**



IT OWNERSHIP

How you **Manage** Your Agency Leads to **Management Excellence**



BUSINESS OWNERSHIP



Definitions

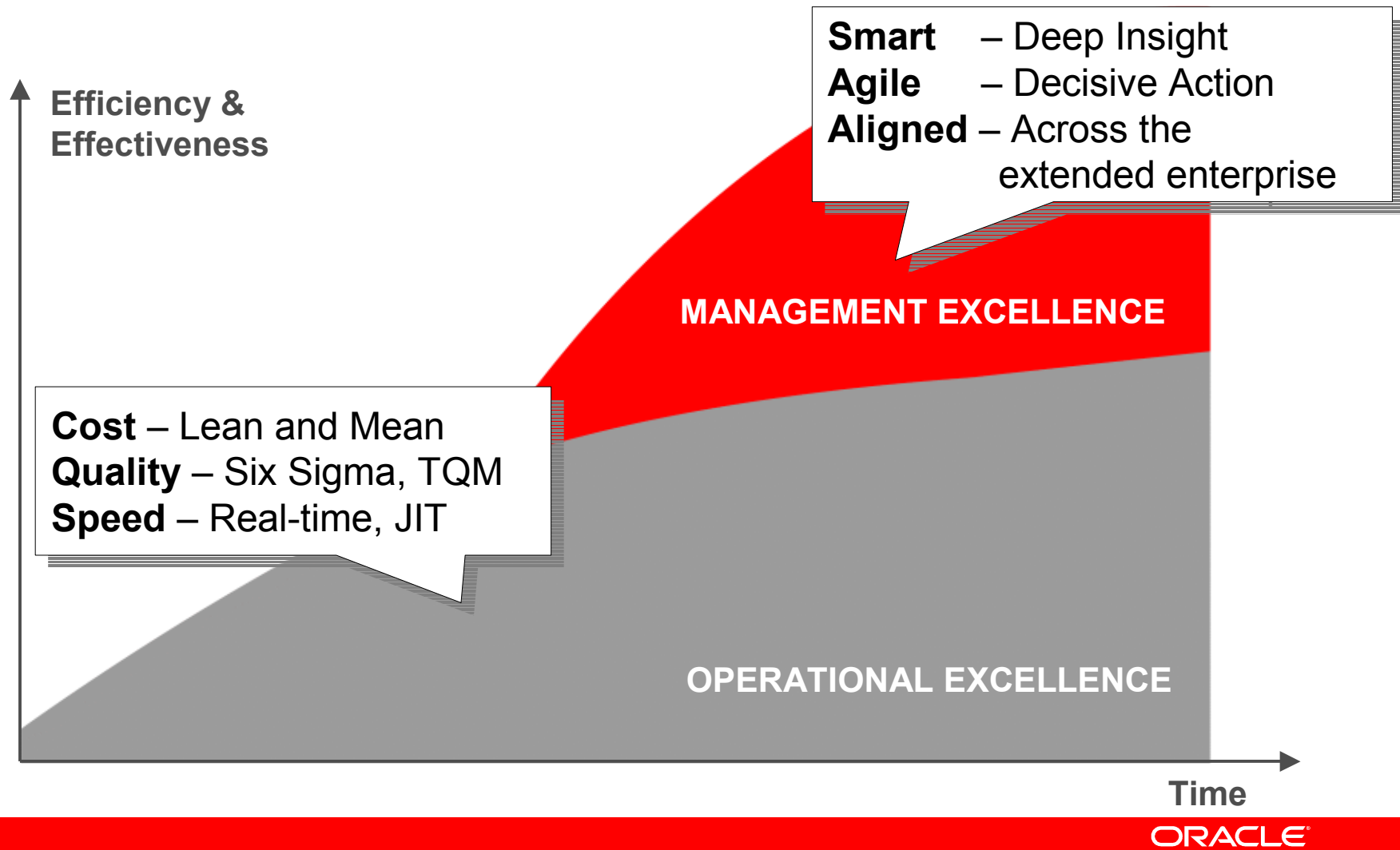
Operational Excellence

a business strategy that aims at business processes efficiency through reducing cost of business processes, improving quality of services and increasing speed of operations.

Management Excellence

expands on this strategy by focusing on business processes effectiveness through driving and detecting changes (**smart**), following up on those changes (**agile**) and sharing the lessons learned throughout the complete value chain (**aligned**).

Oracle's EPM Vision: Extend Operational Excellence to Management Excellence



Today's Reality: Management Processes Are Fragmented



- Lack of business alignment
- Low predictability in performance
- Inconsistency in business decisions



Is this the best way to deal with uncertain times?

Expand The Scope Of Agency Performance Management

[CITIZEN-CENTRIC PERFORMANCE MANAGEMENT]

[TRADITIONAL PERFORMANCE MANAGEMENT]



Deliver Management Excellence With Citizen-Centric Performance Management



Management Excellence for Business and IT

Business Requirements

Detect And
Drive Changes

Prepare For And
Follow Up On Changes

Share Insight Across
Extended Enterprise

Smart

Agile

Aligned

IT Call to Action

Rationalize Your
Analytical Tools and
Management Systems

Integrate Management
Systems With
Operational Systems

Enable Pervasive
Access To
Management Systems

Oracle's Strategy-to-Success Management Framework



- Map your own management processes
- Extend the impact of EPM
- Build your business case

Strategy to Success: Oracle's Framework for Achieving Management Excellence



Stakeholder Environment



GAIN TO
SUSTAIN



- Identify contributions/requirements
- Bridge conflicting requirements
- Align strategy with stakeholders
- Maximize stakeholder value
- Continuous stakeholder dialogue

Semantic intelligence for eDemocracy

Sentiment evaluation and reporting

- Sentiment evaluation
- Dashboards for an advanced analysis of the feedbacks
- Reporting on questionnaires
- Graphic representation
- Drill-down on correlations
- Filters by source, date, etc.



Policies



GAIN TO
SUSTAIN



INVESTIGATE
TO INVEST



- Investigate dynamics
- Assess potential
- Match potential with resources/assets/goals
- Define position
- Size investments and divestments

Utility: Invest in Long-Term Capital Intensive Project



\$21billion US Energy Company – Fortune 125

Before

- Wants to build a plant that will cost ~\$2 billion
- Leveraged with over \$4 billion in long-term debt
- Excel models based on a 5-yr budget done on a non-Oracle planning product



After

- Determine funding requirements for building the plant
- Manage the project funding requirements in conjunction with actual expenditures
- Manage debt-to-capital requirements systematically

Programs



University of Vermont Models New Views of Economic Picture



- Combines faculty-student ratio of small liberal arts college with resources of major research university
- 10,000 students, 1200 full & part time faculty
- Operating budget \$400 Million

Needs

- Adhere to internal debt policy in terms of how much debt service can be supported out of the budget
- Create financial structure to support more detailed analysis and modeling capabilities



After

- Test permutations of enrollment strategy such as out-of-state vs in-state students, class number, retention data
- Overall view of balance sheet based on enrollment, research programs, inflators, cost of capital
- Integrate data with overall strategic plans

Agency Budget



700 Accounts for 60,000 Employees

Hyperion Planning



- One of the 20 largest financial institutions
- Revenues of ~9 billion USD (2005)
- Over 113 thousand full time employees

Before

- 8 weeks for first budget iteration
- 10 days to transfer employees
- 4 weeks to create and distribute Excel templates
- Data was not dependable
- Corporate budget group had 9 FTE's to maintain the process



After

- 4 ½ weeks for first budget iteration
- Reorganizations down to 24 hours
- Detailed budget to 700 accounts
- Phase 2 budgeted to 60,000 people
- First multidimensional reporting
- Interactive variance analysis

Agency Operation



- Monitor variances continuously (execution vs plan)
- Perform root-cause analysis
- Benchmark performance
- Identify improvement opportunities
- Adjust forecasts and redeploy resources

Improving Strategic Planning at Telenor



- Ranked as the world's seventh largest mobile operator
- More than 150 million mobile subscribers worldwide
- Listed as No.1 on Dow Jones Sustainability Index 2008
- Revenues 2007: 18 billion USD
- Workforce 2007: 35 800 man-years

BEFORE

- 6 different analysis/reporting tools
- 4-6 financial data warehouse solutions
- No common tool for budgeting
- Dependency on external consultants
- Many information silos, no analysis across the companies
- Many user interfaces to work with – processes across many systems



AFTER

- Manage strategy and initiatives on a regular basis
 - Agenda for the monthly management meeting is determined by the status indicators on the strategic objectives
 - Strategic objectives tie into measures and initiatives
- Cost-cutting through process, system, and information standardization

Agency Results



- Combine financial and operational information
- Deliver timely, actionable insights to all stakeholders
- Include economic, environmental and social impact
- Meet regulatory reporting requirements

Improving Transparency & Customer Service



New York is the largest city in the USA with a population of over 8.2 million within an area of 322 square miles. The city's Department of IT unveiled a performance management system, Citywide Performance Reporting (CPR), in 2008.

Before

- Unable to provide timely reports on agency performance
- Unable to show areas of improvement
- Inconsistent internal views of operational performance
- Time spent collecting and aligning data rather than analyzing and problem solving



After

- 2500 KPI's across City agency operations
- Single point of access and single version of truth for all users
- Standardized reporting format across 40 agencies and all data types
- Simplified monitoring of 500 critical outcome measures
- Sources data from Siebel Field Service (NYC311) and legacy agency systems

"CPR provides anyone – government officials, reporters and most importantly everyday New Yorkers, with a wealth of regularly updated information on city government....CPR will let us use City data to indentify problems and improve service delivery." – *Michael Bloomberg, Mayor, City of New York*

Excellence in Stakeholder Reporting

Service Analytics and Oracle BI Suite EE Plus



Citywide Performance Report

Citywide Theme	Number of Indicators	% Improving or Stable	% Declining
Citywide Administration	55	76.4%	23.6%
Community Services	116	74.1%	25.9%
Economic Development and Business Affairs	54	68.5%	31.5%
Education	48	95.8%	4.2%
Infrastructure	85	72.9%	27.1%
Legal Affairs	27	74.1%	25.9%
Public Safety	66	77.3%	22.7%
Social Services	122	74.6%	25.4%

“[Citywide Performance Reporting] provides anyone – government officials, reporters and most importantly everyday New Yorkers, with a wealth of regularly updated information on city government....CPR will let us use City data to indentify problems and improve service delivery.”

Michael Bloomberg, Mayor, City of New York

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Enhanced Strategic Planning with Global Visibility

Fonterra Instates Single Version of Truth for all Users



- Responsible for more than one third of international dairy trade
- Employees: 17,000
- Revenue: US\$9.9 Billion

Needs

- Eliminate the need to e-mail financial consolidation files
- Establish a global chart of accounts
- Increase visibility into financial data



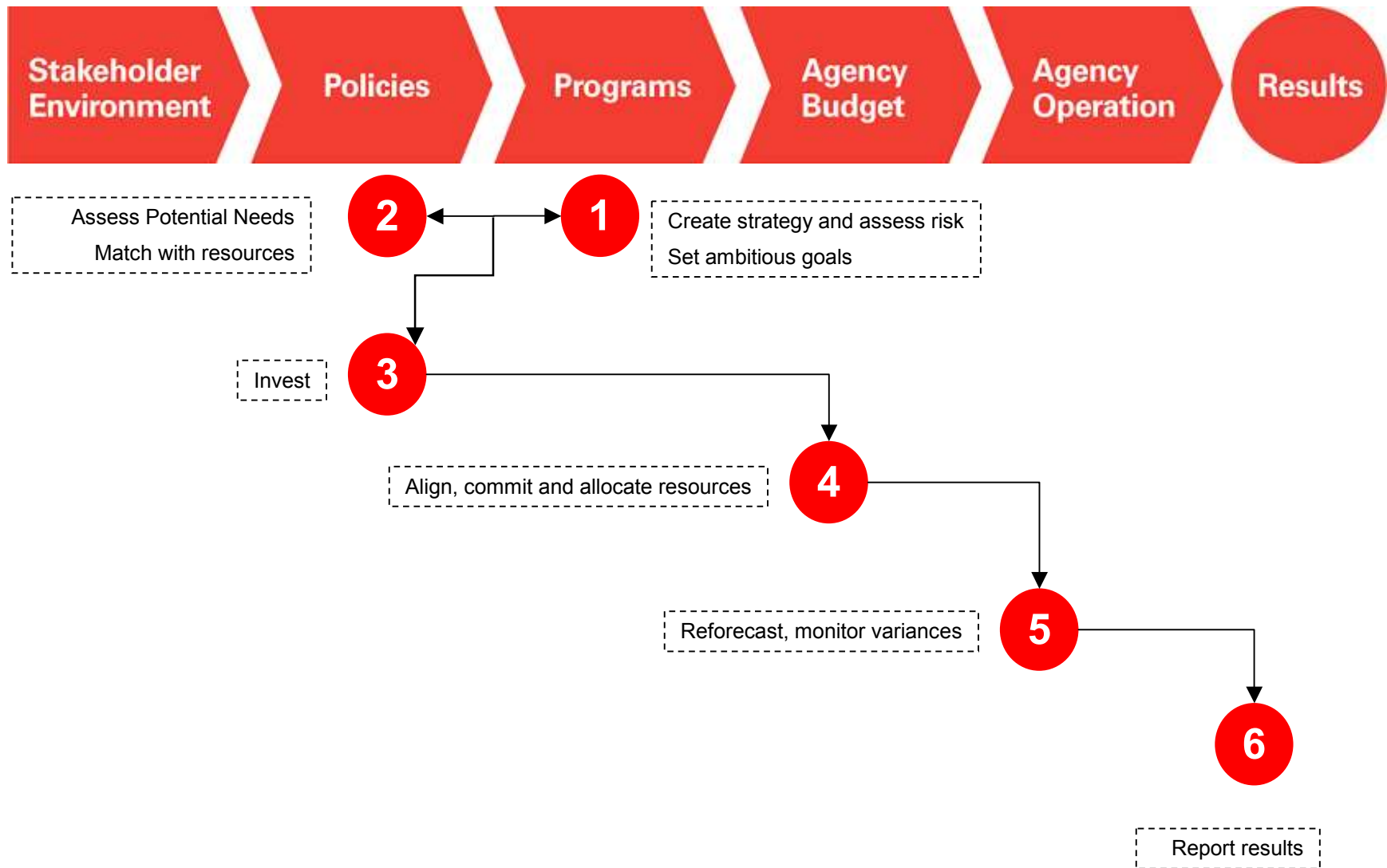
After

- Increased the flexibility of budgeting and forecasting
- Single global instance of financial data, improved data integrity
- Financial results saved centrally
- Shortened month-end closing process by two to three days
- Reduced intercompany reporting time from 30 minutes to five minutes

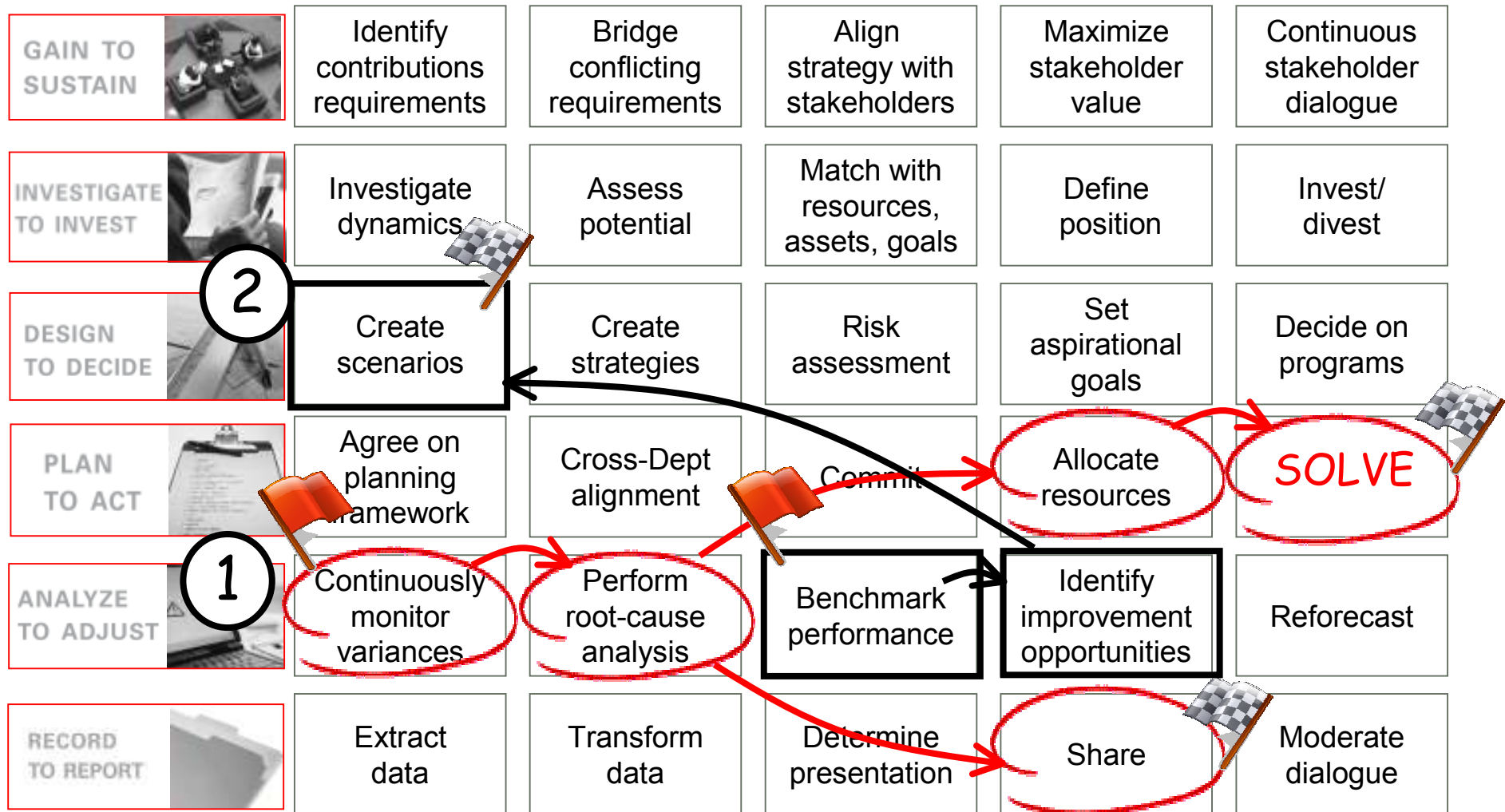
Scenario 1: Introducing a new Service



Introducing a new Service



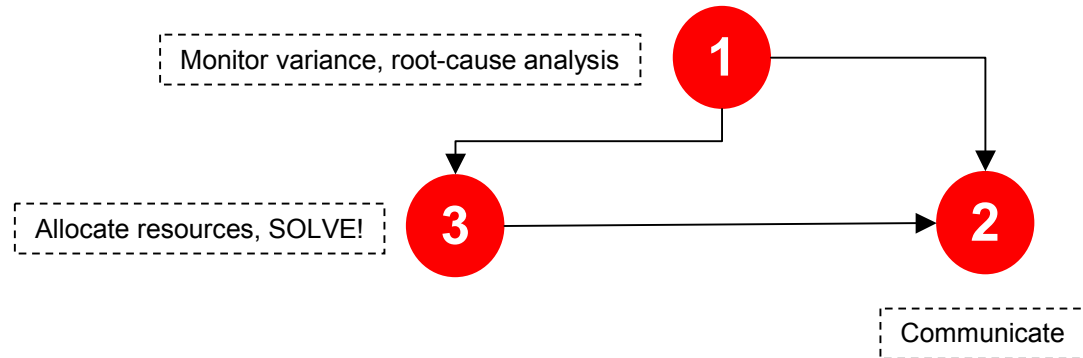
Scenario 2: Operational Process Disruption



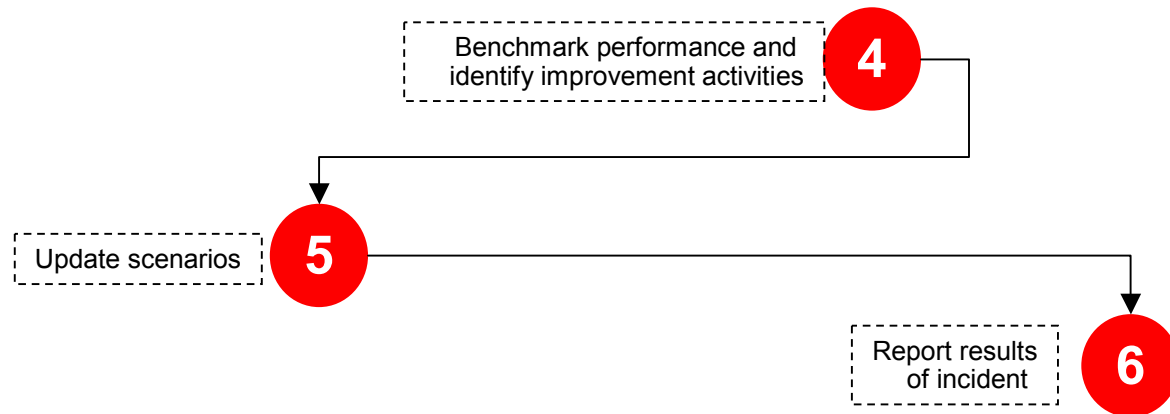
Operational Process Disruption



Immediate action



Debrief





Other Examples

- Introducing E-Government
- Improving the **green** strategy
- Outsourcing IT
- Upgrading IT system
- New compliance regulations
- Introducing Web 2.0 customer interaction
- Planning for the new year



Oracle's Enterprise Performance Management System



Oracle's Enterprise Performance Management System

EPM Workspace

**Performance Management
Applications**

BI Applications

Business Intelligence Foundation

Fusion Middleware



**OLTP & ODS
Systems**



**Data Warehouse
Data Mart**



OLAP



**SAP, Oracle, Siebel,
PeopleSoft, Custom**



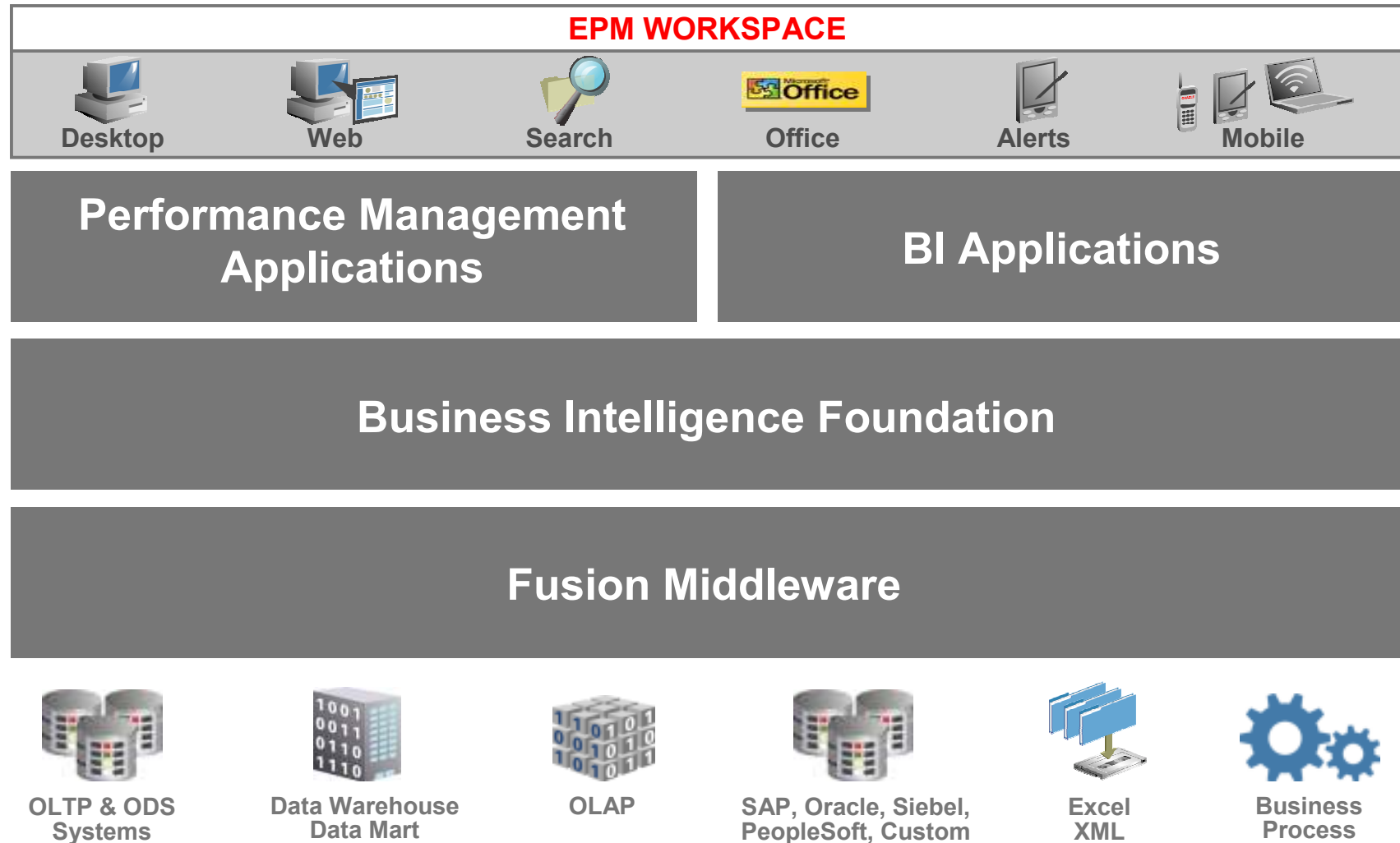
**Excel
XML**



**Business
Process**

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Pervasive Information Access Through Common Delivery Layer



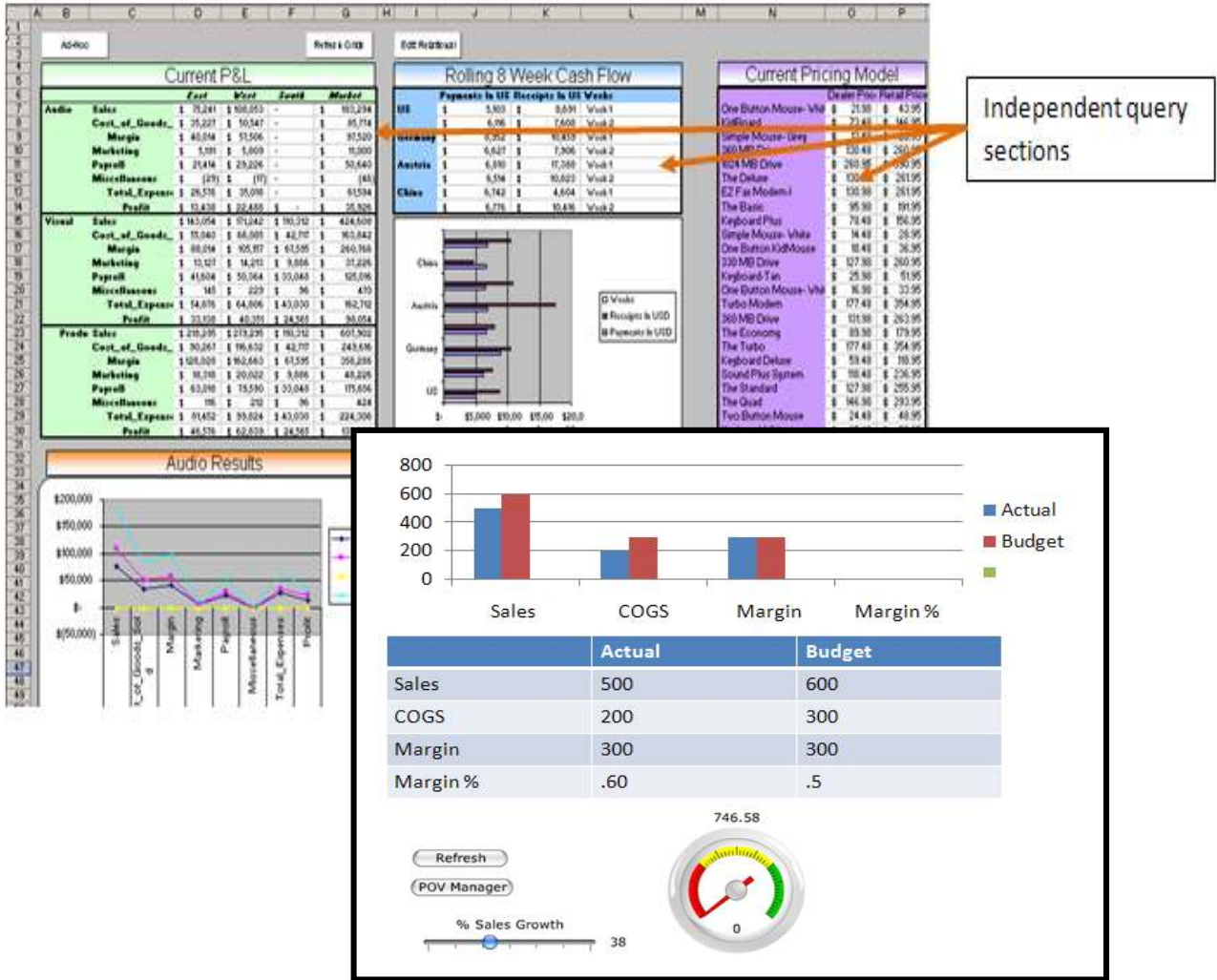
One Window, not Multiple Oracle EPM Workspace

- Self-service Personalization
- Contextual navigation
- OBIEE and BI Publisher integration
- WebCenter integration
- Spans all solutions in the Oracle EPM System



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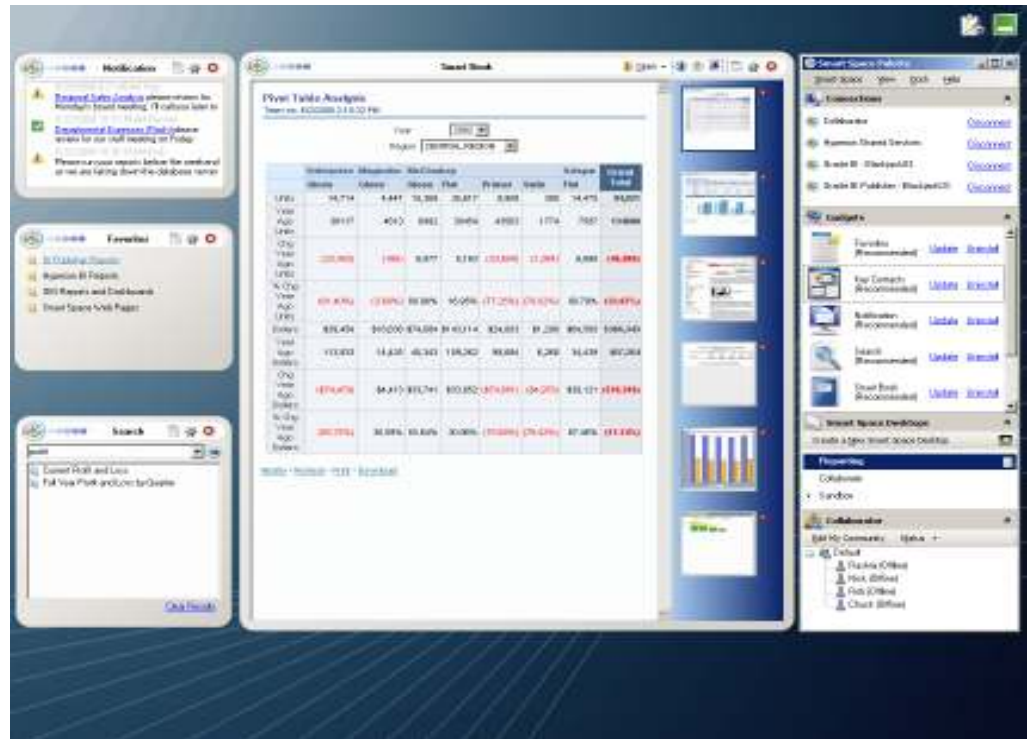
- Adhoc Reporting
- Stylized Output:
 - Formats
 - Tables
 - Charts
 - Formulae



Unified Desktop Gadgets

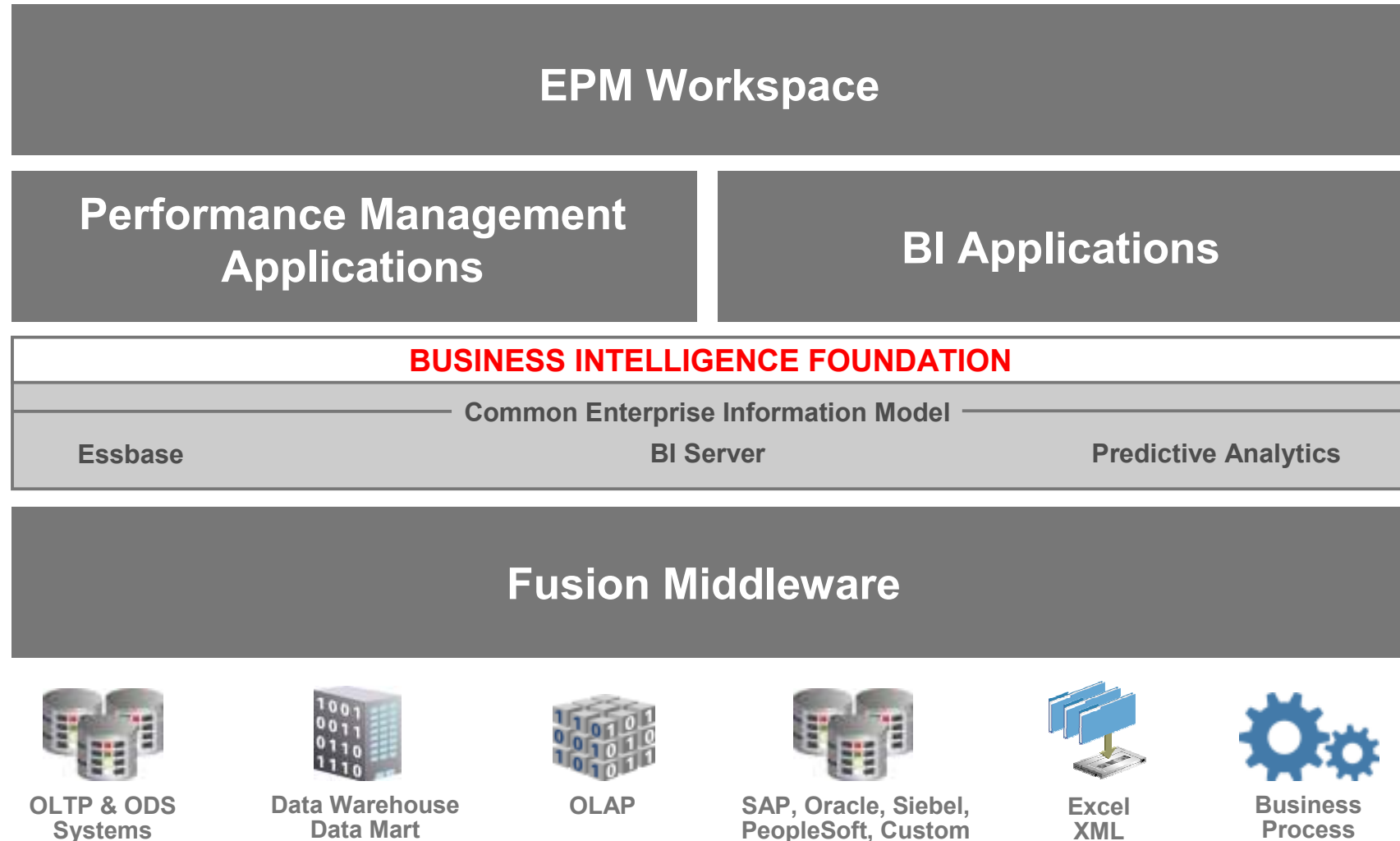
Oracle Smart Space

- New OBIEE and BI Publisher Integration
- Hyperion Reporting and Analysis Support
- Enhanced Client UI and Collaborator
- New Gadgets
 - Essbase Calculation
 - Essbase Dataload
 - Global Gadgets
- Pluggable Services Architecture



Highly Scalable BI Foundation

Providing Insights Across the Enterprise

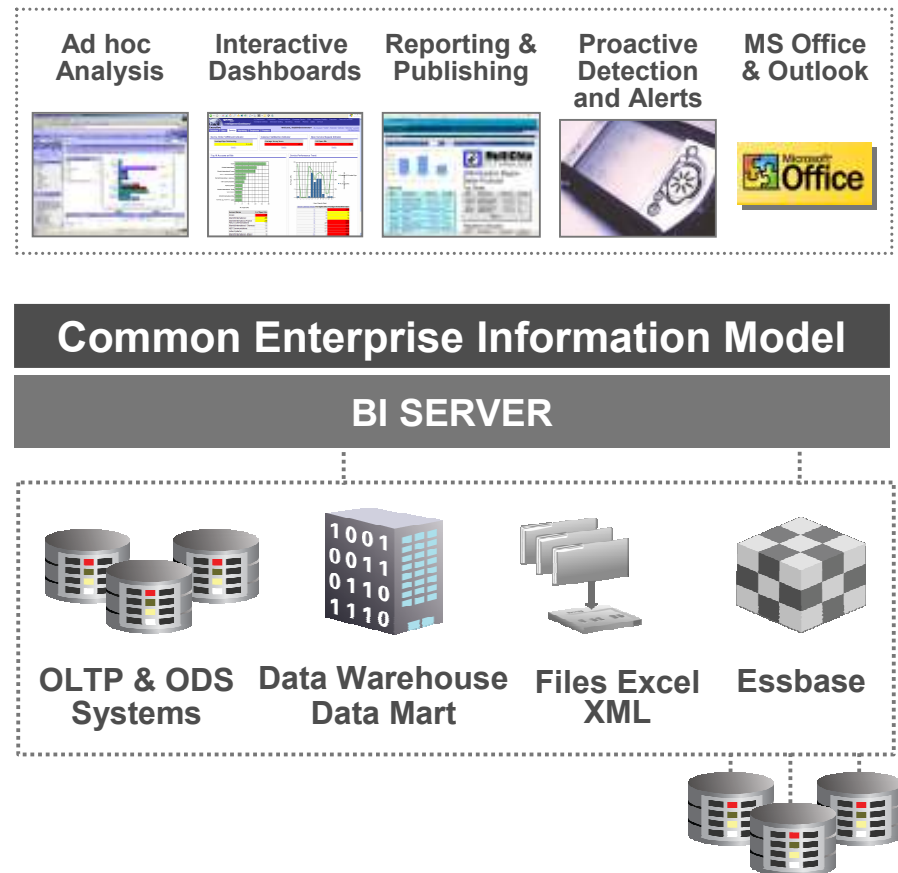


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Mission Critical Scalability and Performance

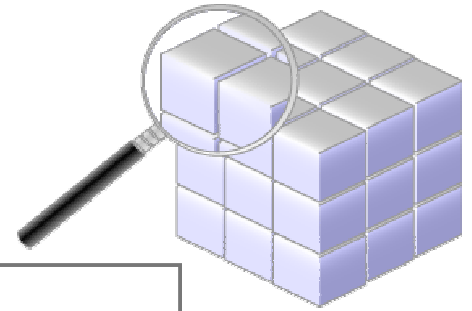
Oracle BI Foundation

- Business views for end-users
- Consistent business measures and calculations
- Advanced calculation engine
- Optimized data distribution



Powerful Business Analytics

Oracle Essbase



Richest Business User Experience

- Superior Tools for the Business User
- Broadest Analytic Functionality
- “Speed of Thought” Response

Most Highly Advanced Calculation Engine

- Superior Calculation Power
- Comprehensive Library of Functions
- Extensive Financial and Time Intelligence

Best Custom Analytic Environment

- Optimized Storage
- Enterprise scale Forward Looking Applications
- Premium Performance

RTD Extends the BI Foundation

Driving Adaptive Business Processes

Closes the gap between process analysis and process improvement

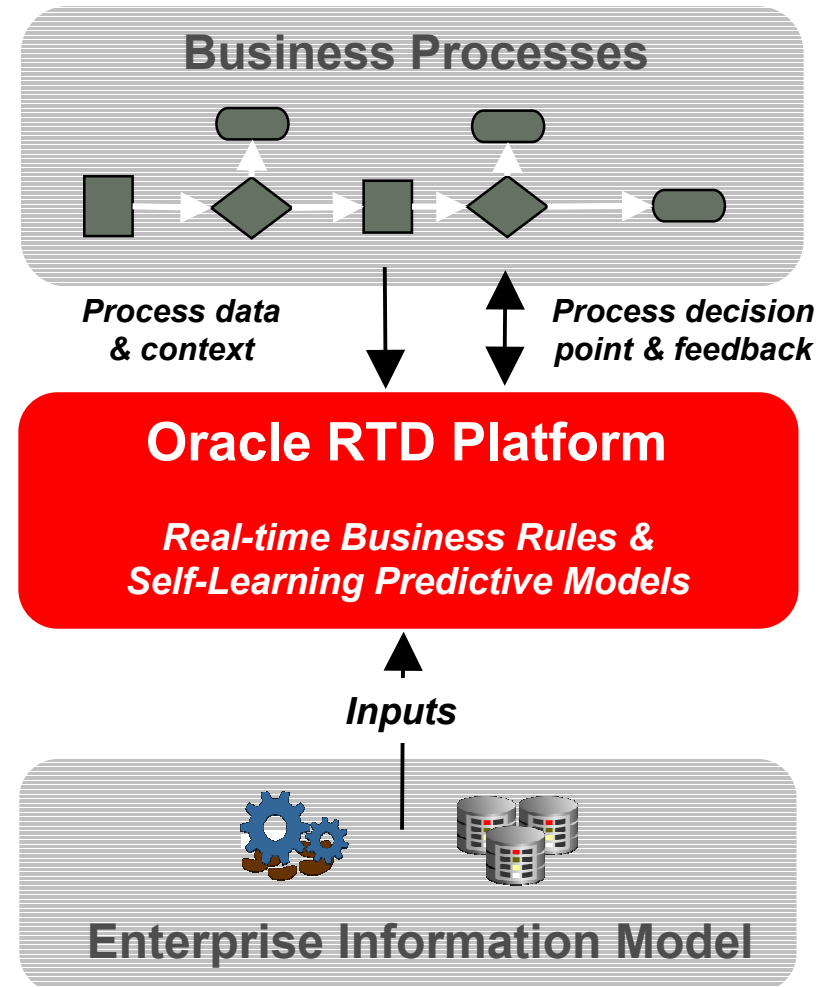
- Embeds decisions within the business process
- Optimizes across competing business priorities
- Uses feedback to self-adapt
- Creates new process insights

Uses real time context to increase value

- Links historical with real-time information
- Combines rules and predictive models
- Self-learns to automate prediction

Provides an enterprise platform

- Integrates into multiple operational applications and interaction channels



Market-Leading Packaged Applications

Financial and Operational

EPM Workspace

Performance Management
Applications

BI APPLICATIONS

Sales	Contact Center	Procurement & Spend	Finance
Service	Marketing	Supply Chain & Order Mgmt	HR

Business Intelligence Foundation

Fusion Middleware



OLTP & ODS
Systems



Data Warehouse
Data Mart



OLAP



SAP, Oracle, Siebel,
PeopleSoft, Custom



Excel
XML



Business
Process

ORACLE

Single View of Enterprise Information

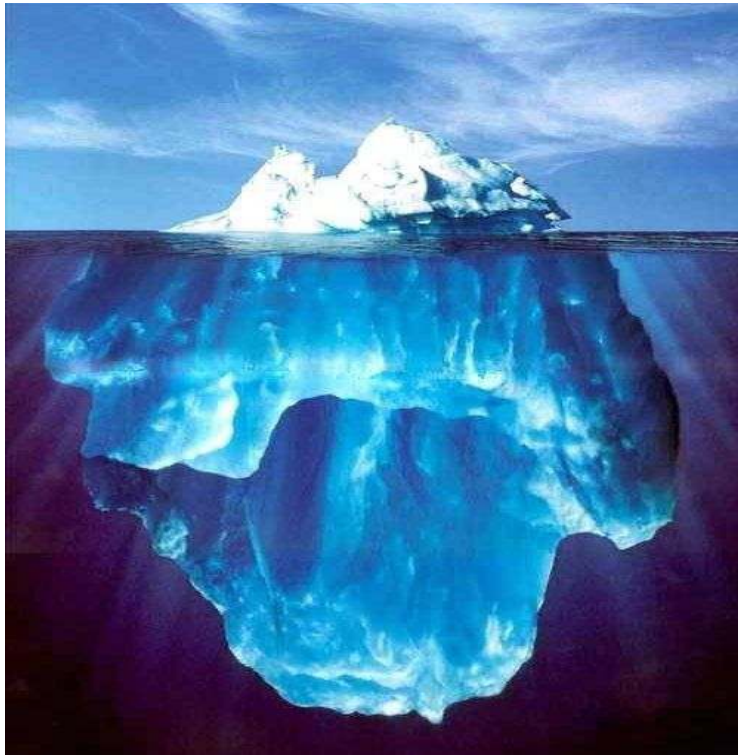
Oracle BI Applications



• Dashboards

Single View of Enterprise Information

Oracle BI Applications



- Dashboards



- Pre-built integration
- Pre-built metadata mapping
- Pre-built metrics
- Pre-built data model
- Heterogeneous data sources

ORACLE

PeopleSoft

SIEBEL

SAP



Immediate Value. Lower TCO. Built-in Best Practices.

ORACLE

Oracle BI Applications

Complete, Pre-built, Best Practice Analytics



Sales	Service & Contact Center	Marketing	Procurement & Spend	Supply Chain & Order Management	Financials	Human Resources
Pipeline Analysis	Service Effectiveness	Campaign Effectiveness	Direct / Indirect Spend	Revenue and Backlog	General Ledger	Employee Productivity
Forecast Accuracy	Customer Satisfaction	Customer Insight	Buyer Productivity	Inventory	Accounts Receivable	Compensation
Sales Team Effectiveness	Resolution Rates	Product Propensity	Off Contract Purchases	Fulfillment Status	Accounts Payable	Compliance Reporting
Up-sell/ Cross-sell	Service Rep Efficiency	Loyalty & Attrition	Supplier Performance	Customer Status	Cash Flow	Workforce Profile
Cycle Times	Service Cost	Market Basket Analysis	Purchase Cycle Time	Order Cycle Time	Profitability	Retention Analysis
Lead Conversion	Churn & Service Trends	Campaign ROI	Employee Expenses	BOM Analysis	Expense Management	Return on Human Capital

Source adapters: **ORACLE** PeopleSoft.

SIEBEL

EDWARDS

SAP

and Other Operational & Analytic Sources

Oracle BI Suite Enterprise Edition Plus

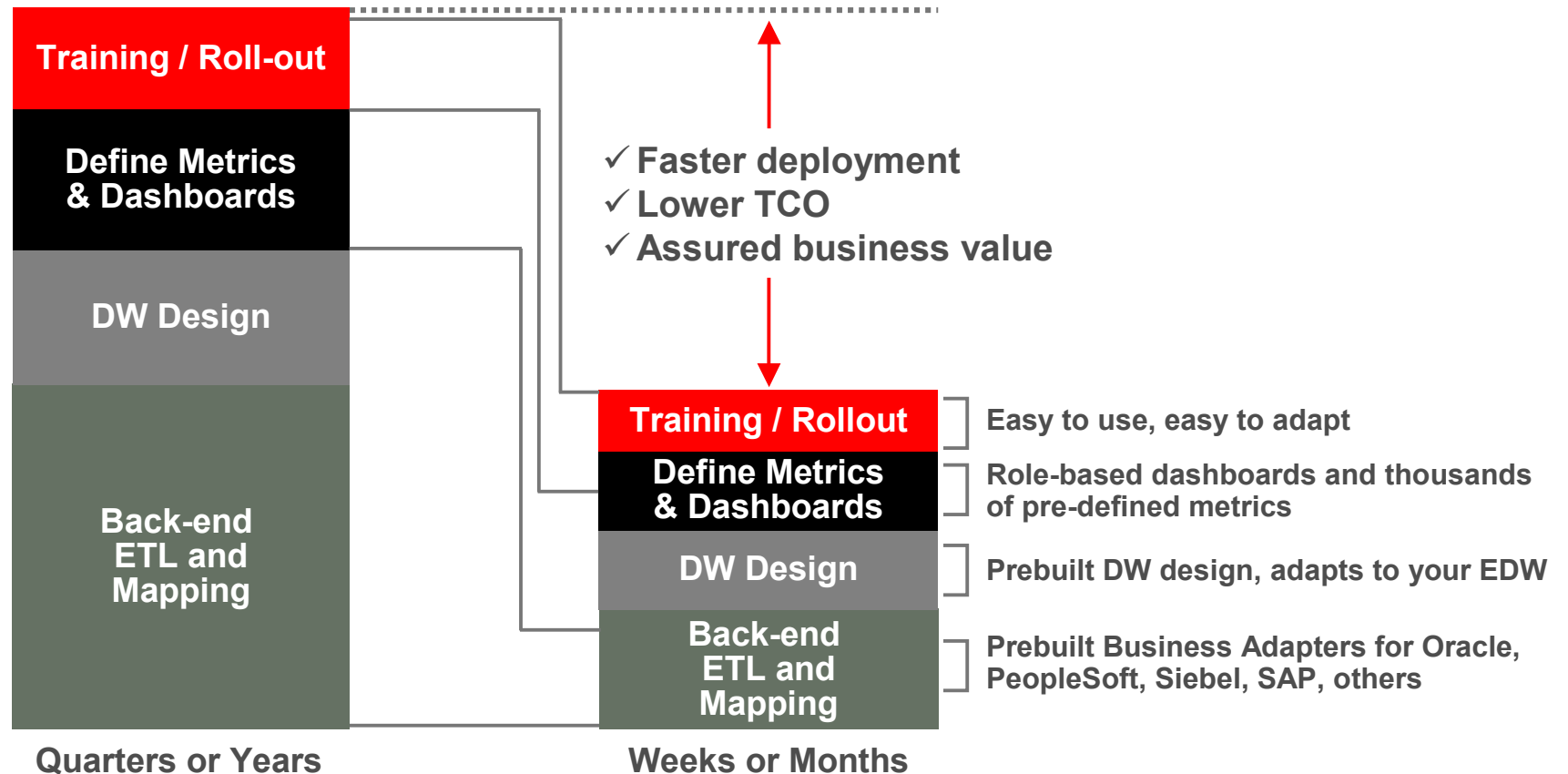
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Speeds Time To Value and Lowers TCO

Oracle BI Applications

Build from Scratch
with Traditional BI Tools

Oracle BI
Applications



Source: Patricia Seybold Research, Merrill Lynch, Oracle Analysis

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Market-Leading Packaged Applications

Financial and Operational

EPM Workspace

PERFORMANCE MANAGEMENT APPLICATIONS

Strategy
Management

Business
Planning

Profitability
Management

Financial
Reporting &
Compliance

BI Applications

Business Intelligence Foundation

Fusion Middleware



OLTP & ODS
Systems



Data Warehouse
Data Mart



OLAP



SAP, Oracle, Siebel,
PeopleSoft, Custom



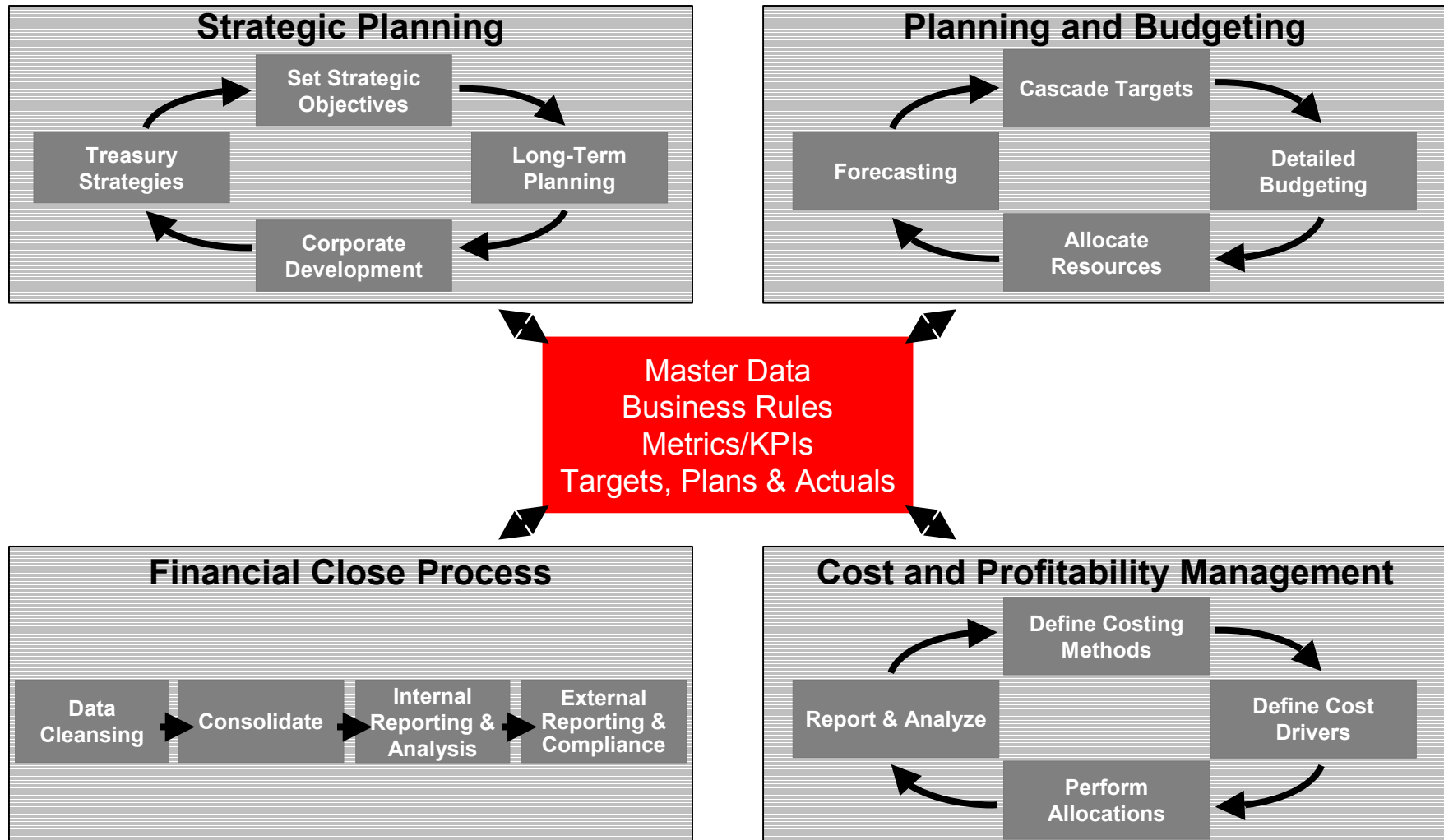
Excel
XML



Business
Process

ORACLE

Market-leading Performance Management Applications Suite





Performance Management Applications

Integrated Suite of Market Leading Best-of-Breed Modules

Strategy Management

- Clearly articulate strategy & goals, communicate them across the agency
- Develop scorecards leveraging recognized methodologies

Strategic Finance

Performance Scorecard

Integrated Agency Planning

- Ensure accurate forecasts, shorten budgeting & planning cycles, and model the potential impact of workforce & capital spending decisions

Planning and Workforce Planning

Capital Expense Planning

Strategic Finance

Cost Management

- Conduct cost analysis using robust modeling and analysis with integrated drill down
- Visibility into cost and revenue drivers through traceability maps

Profitability and Cost Management

Financial Reporting & Compliance

- Close and report financial results, meet regulatory requirements, reduce compliance costs and improve confidence in the numbers

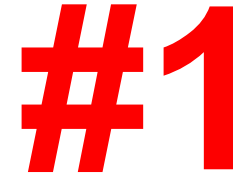
Financial Management

Financial Data Quality Management

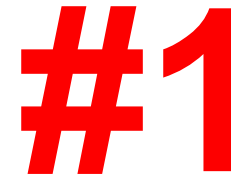


User-Driven Enhancements to Market Leading Applications

- Hyperion Financial Management
 - New Equity Pickup Module
 - Enhanced Intercompany Processing
 - BI Publisher Integration for System Reporting
 - Oracle Data Integrator Support
 - Drill-Through to Oracle EBS
- Hyperion Planning
 - Ad-hoc Analysis in Smart View
 - Document Attachments
 - Oracle Data Integrator Support
 - Drill-Through to Oracle EBS
- Hyperion Strategic Finance (CY2008)
 - Support for Financial Data Quality Mgmt
 - Automated Export to Essbase
 - Integration with Oracle Crystal Ball

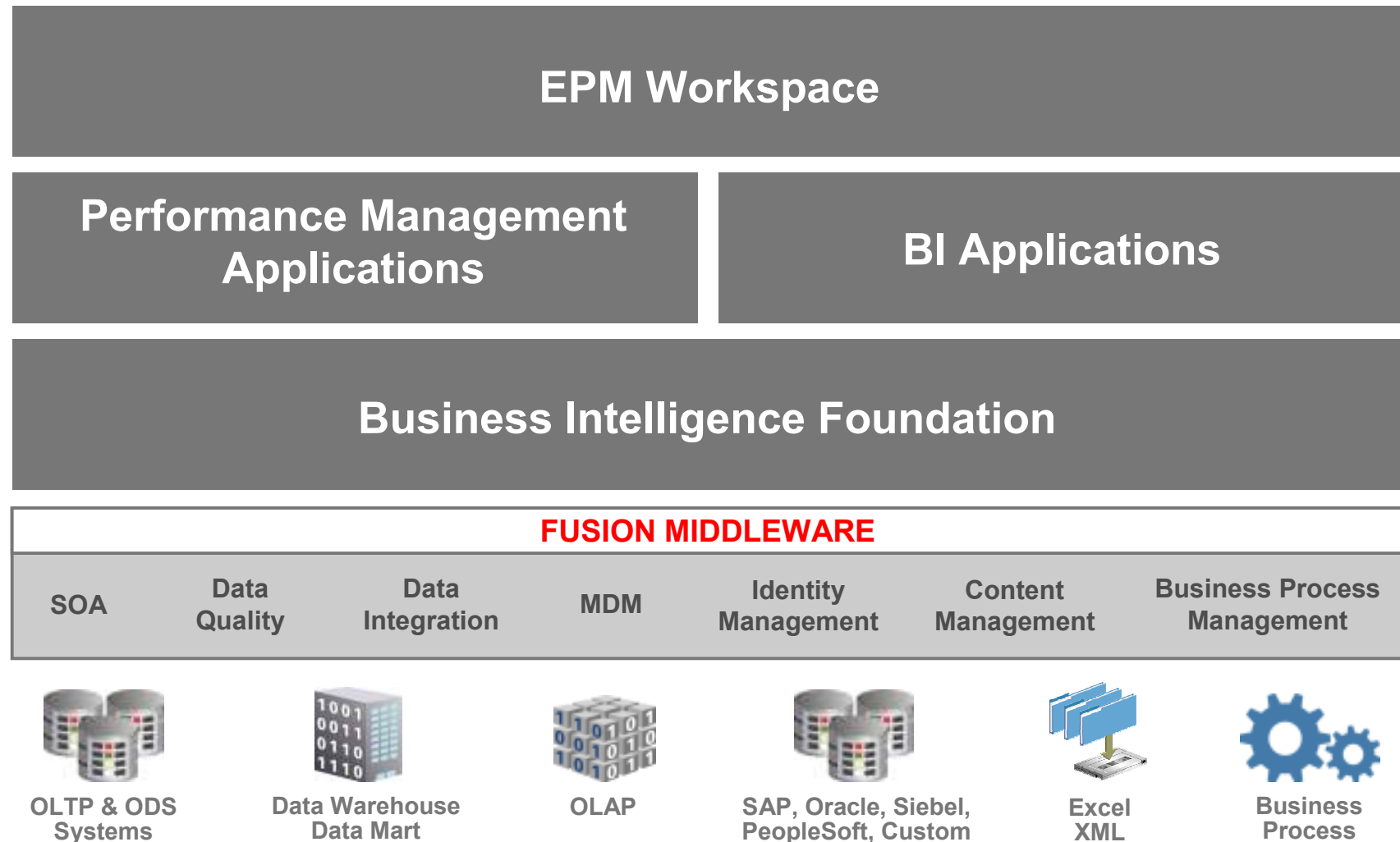


Financial
Consolidation,
Reporting and
Analysis



Planning and
Budgeting

Leveraging Fusion Middleware to Lower TCO

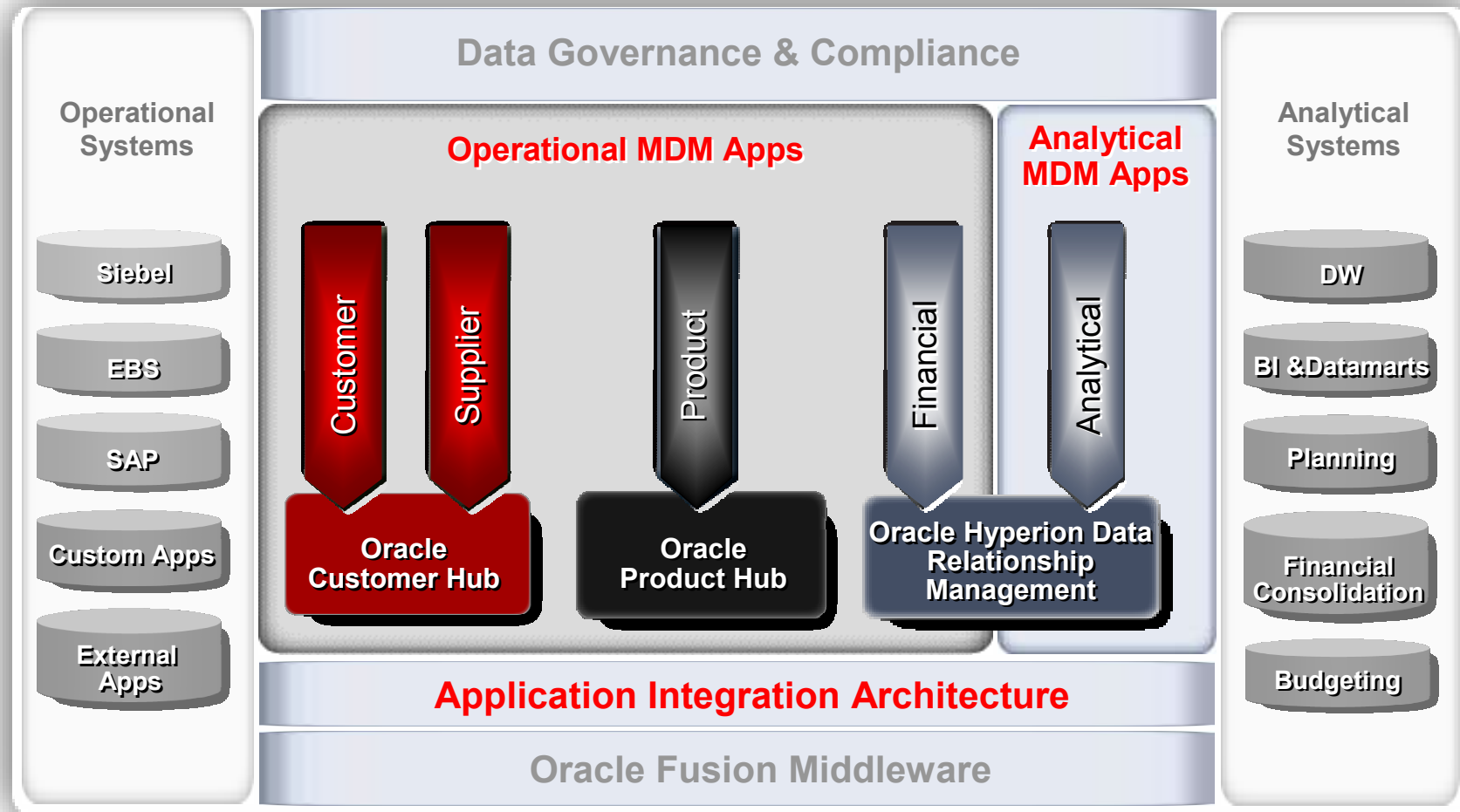


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Oracle Fusion Middleware



Leveraging Common Master Data Across the Enterprise



Data Integration

NEED...

Information How and Where you Want It



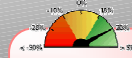
Business Intelligence



Corporate Performance Management



Business Process Management



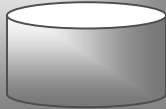
Business Activity Monitoring

Data Integration

Migration



Data Warehousing



Master Data Management



Data Synchronization



Federation



SOA (Messaging)



HAVE...

Data in Disparate Sources



Legacy



ERP



CRM

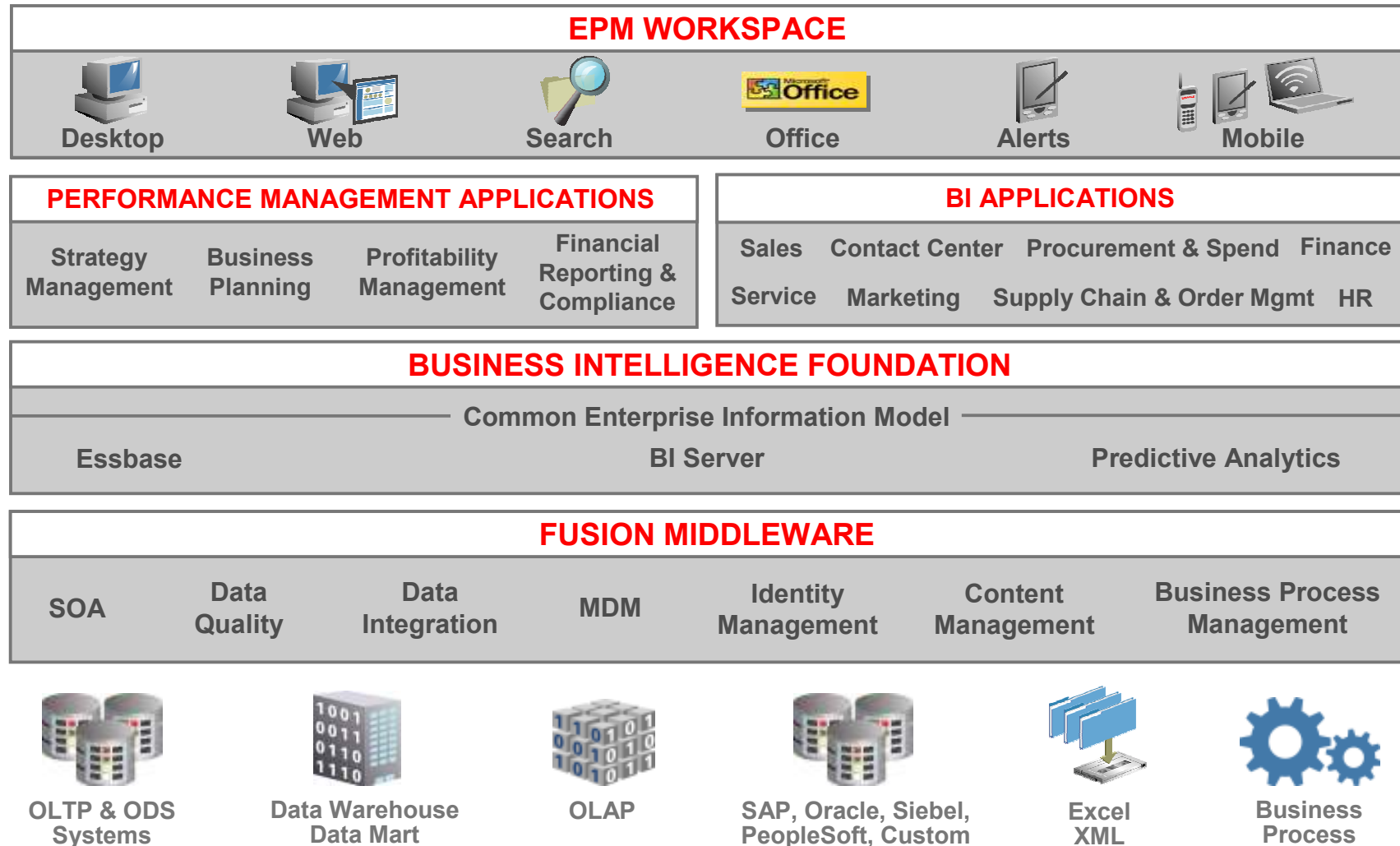


Best-of-breed Applications



Oracle's Enterprise Performance Management System

Providing Insights Across the Enterprise



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Oracle EPM System

Driving Management Excellence

SMART:

**Market-Leading Products
and Technology**

Address enterprise-wide requirements with scalable BI foundation and powerful BI tools

Use and extend best practice applications for financial and operational analytics

Gain new insights through advanced visualization and predictive analytics

AGILE:

**Advanced Integration
Improves Agility and
Lowers TCO**

Simplify deployments with common user interface and application foundation

Improve operational performance by linking analytics to transactional systems

Leverage existing IT investments through Fusion Middleware and Service Oriented Architecture (SOA)

ALIGNED:

**Pervasive Intelligence
Across the Enterprise**

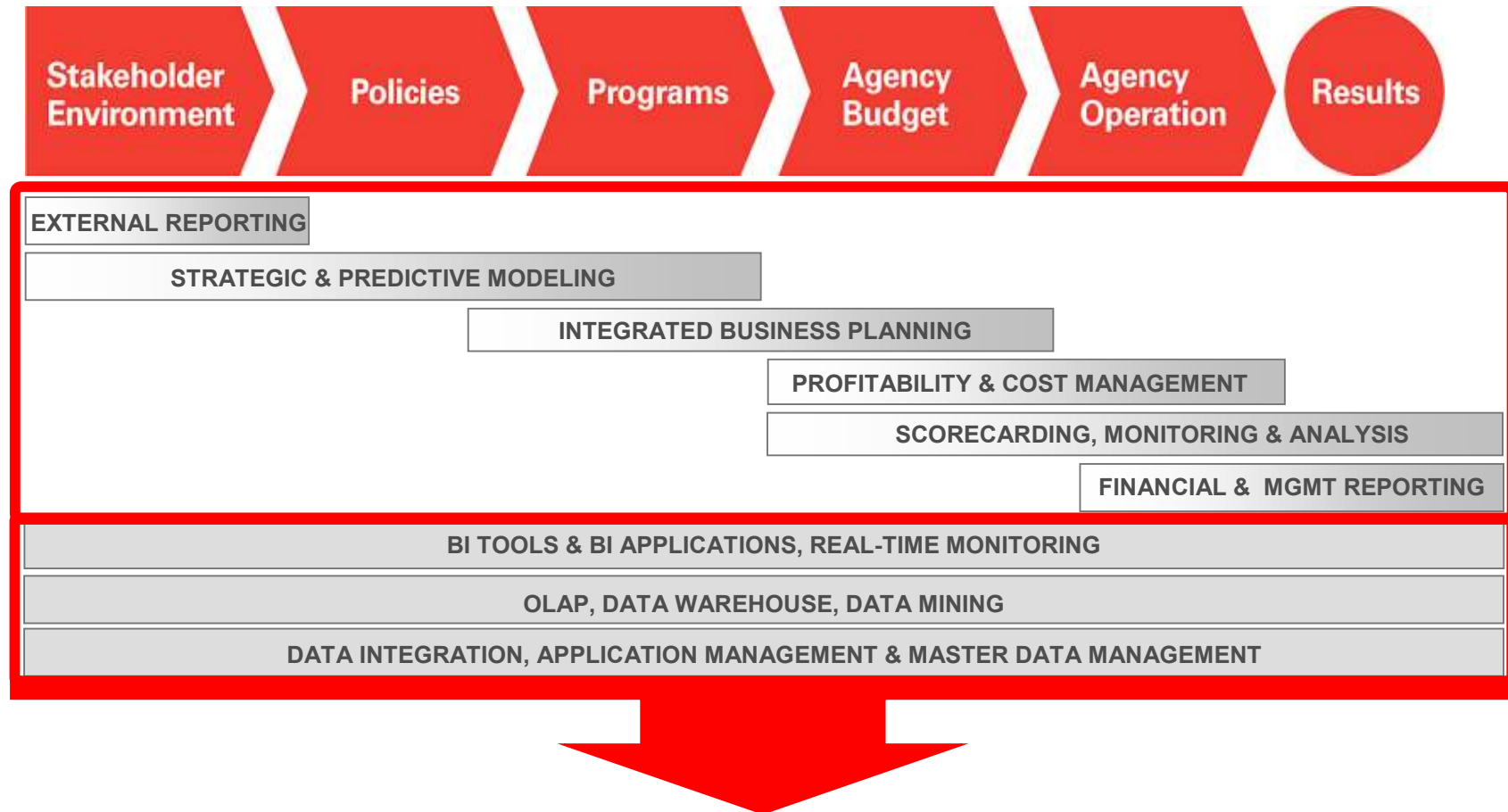
Support strategic, financial and operational management processes

Strategically allocate resources with new Profitability & Cost Management application

Leverage common master data across analytical and operational systems

Oracle EPM System

Complete, Open & Integrated




ORACLE



Oracle's Leadership in Enterprise Performance Management



Leader in Key Markets



#1 Enterprise Performance Management

- ✓ Leader in Business Intelligence
- ✓ Leader in Business Analytics
- ✓ Leader in Planning & Budgeting
- ✓ Leader in Financial Consolidation

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- Enterprise Performance Management
- Business Analytics
- Database
- Database Share on Linux
- Supply Chain Management
- CRM
- Retail
- Communications
- Human Capital Management
- Financial Services
- Public Sector
- Professional Services

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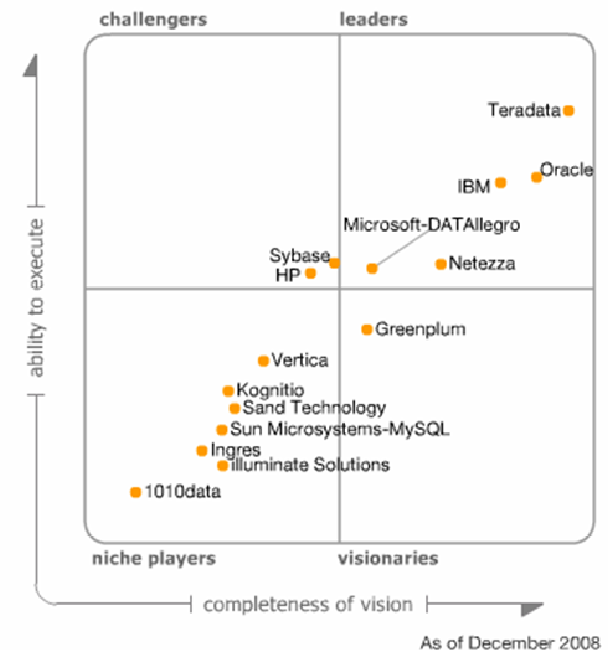
Oracle Positioned in Leaders Quadrants

Magic Quadrant for
Business Intelligence
Platforms, 2009



Magic Quadrant for
CPM Suites, 2008

Magic Quadrant for
Data Warehouse Database
Management Systems, 2008



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Sources: Gartner, Inc., "Magic Quadrant for Business Intelligence Platforms, 2009" by James Richardson, Kurt Schlegel, Bill Hostmann, Rita Sallam, 16 January 2009
Gartner, Inc., "Magic Quadrant for CPM Suites, 2008 " by Nigel Rayner, Neil Chandler, John E. Van Decker, 19 December 2008
Gartner, Inc., "Magic Quadrant for Data Warehouse Database Management Systems, 2008" by Donald Feinberg and Mark A. Beyer, 23 December 2008

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Summary





Take-aways and Next Steps

1. Oracle has a clear strategy, delivering its vision
2. Oracle has proven customer success and deliverable solutions
3. Assess your Management Excellence to decide where to start

Further Reading

<http://www.oracle.com/epm>



Management Excellence White Papers:

- *How Tomorrow's Leaders Will Get Ahead*
Available Now
- *The Metrics Reloaded*
- *From Strategy to Success*
- *Techniques and Technologies*

Profit Online Podcast

- *Beyond Competitive Advantage: EPM and Management Excellence*

Publications

- *Journal of Management Excellence, Issue 1, 2 and 3*

Questions & Answers





Thank you !



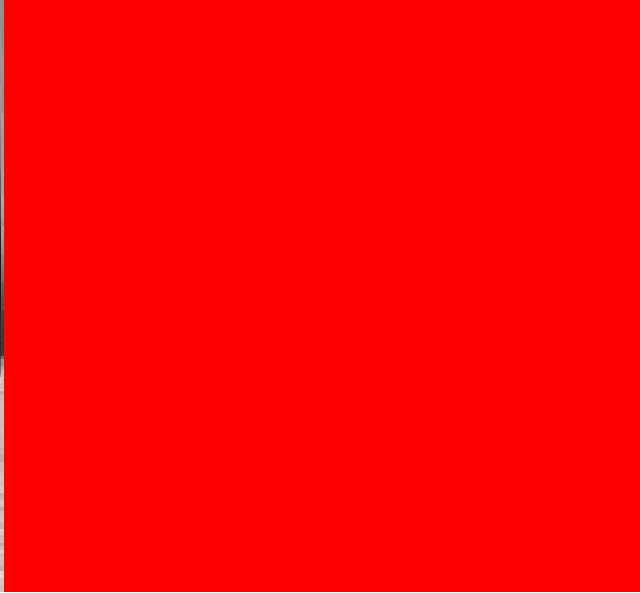
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