Information Management

IBM

IBM Cognos 8 Business Intelligence

Dominique Wiesmann **Principal Solution Specialist**

Cognos. software

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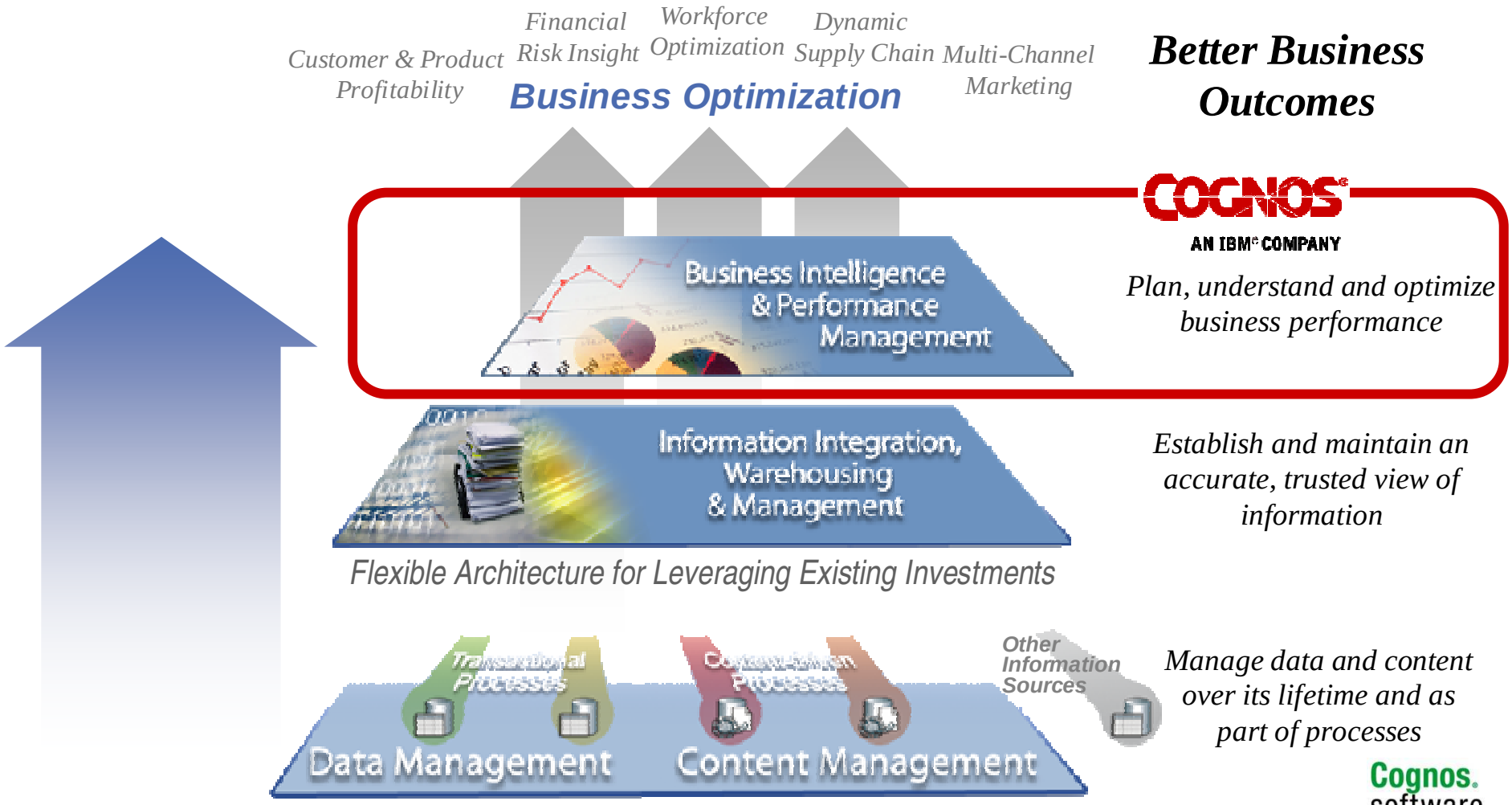
Agenda

- Introduction à Cognos 8
- Introduction à TM1
- Exercice de modélisation avec TM1
- Questions et réponses

Information On Demand Strategy

Unlocking the Business Value of Information for Competitive Advantage



Three Questions that Drive Performance

How are we doing?

Why?

What should we be doing?

Three Questions that Drive Performance

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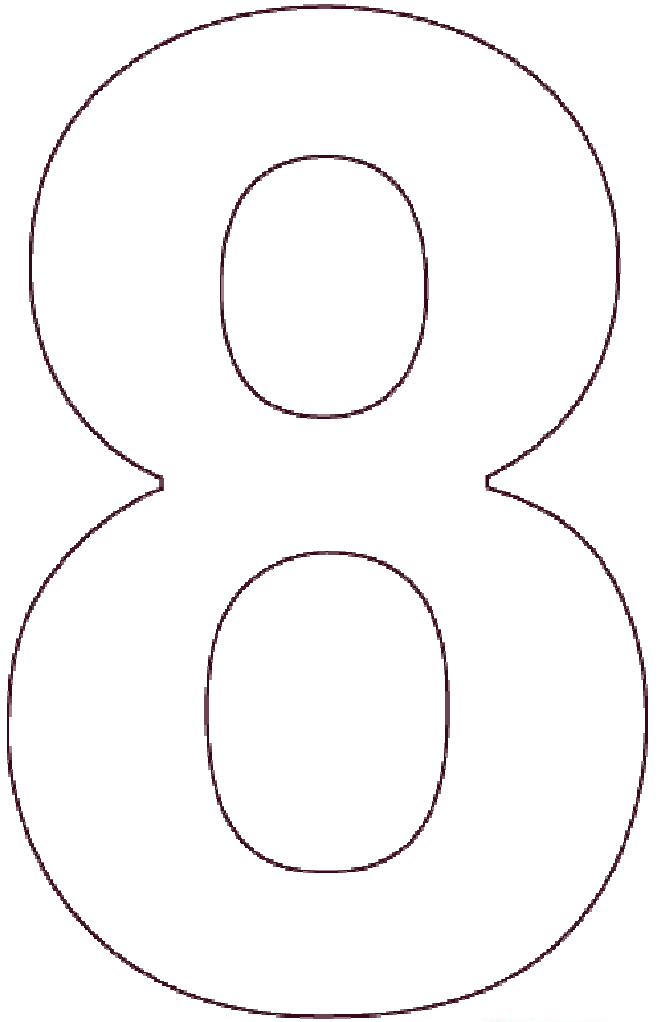
PRODUCT OVERVIEW

What is Cognos 8 Business Intelligence?

- Complete range of BI capabilities in a single product, on a single proven Web services architecture
- Single query engine with a single metadata layer
- Zero-footprint, Web interface for all users
- Standardizes the delivery of information to accelerate and improve decision-making
- Foundation for performance management



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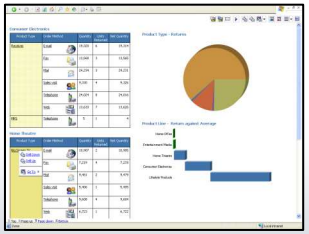
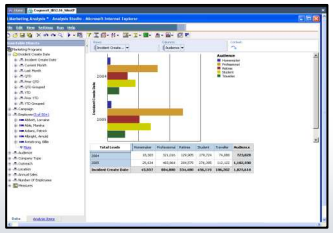
What is Cognos 8 Business Intelligence?

- All capabilities against any *combination* of data sources (OLAP or relational)
- Hides complexity from users and ensures complete view of information

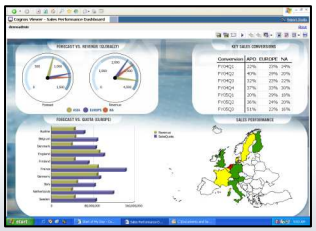


REPORTING



ANALYSIS

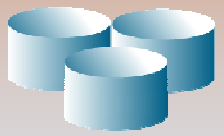
AD HOC QUERY



DASHBOARDS

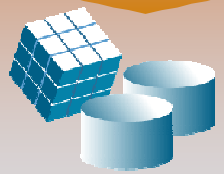
SCORECARDS

Transaction Systems



Siebel, SAP R/3, PeopleSoft, JDE, Oracle eBusiness Suite…

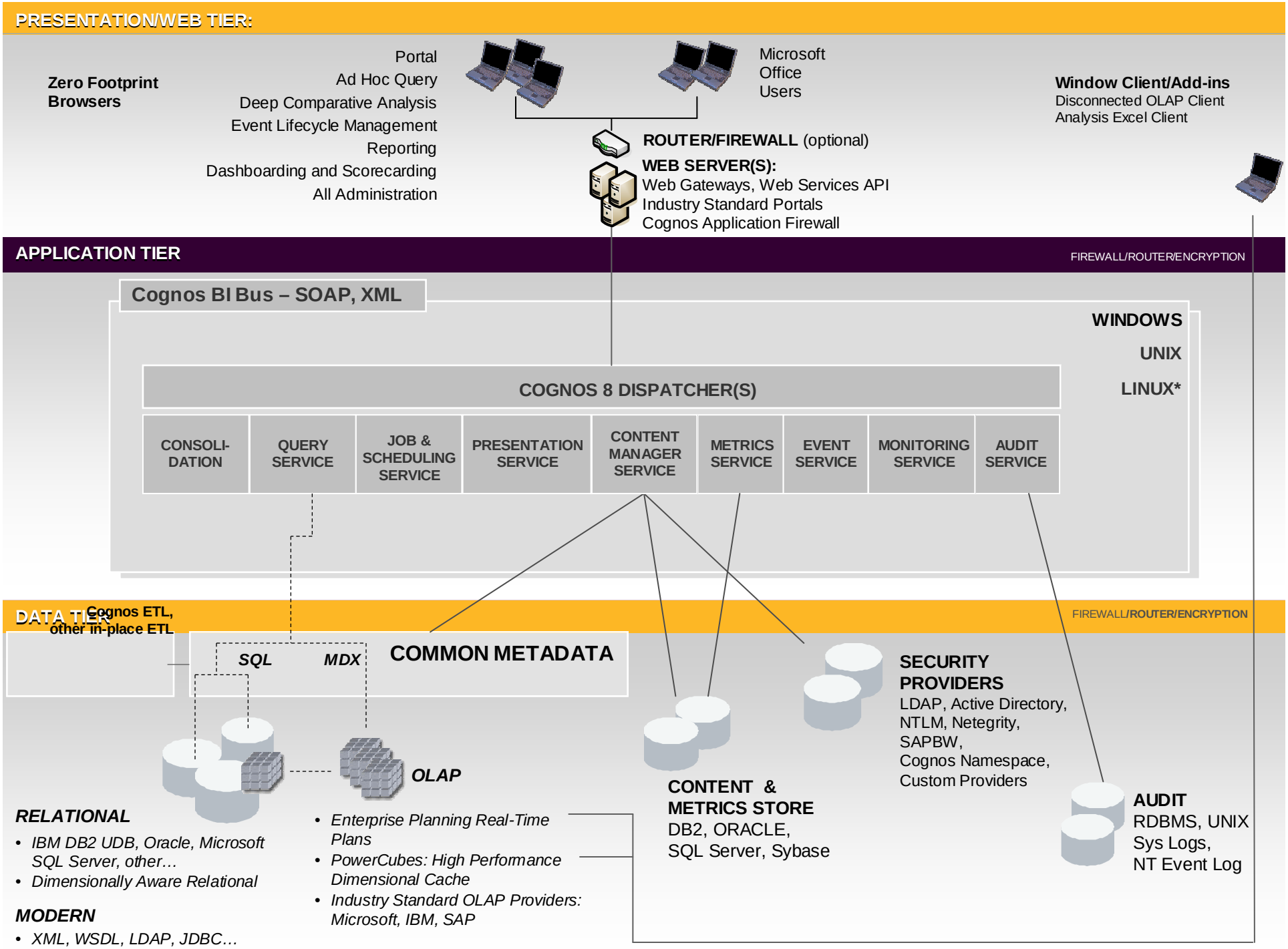
Warehouses (Relational & OLAP)



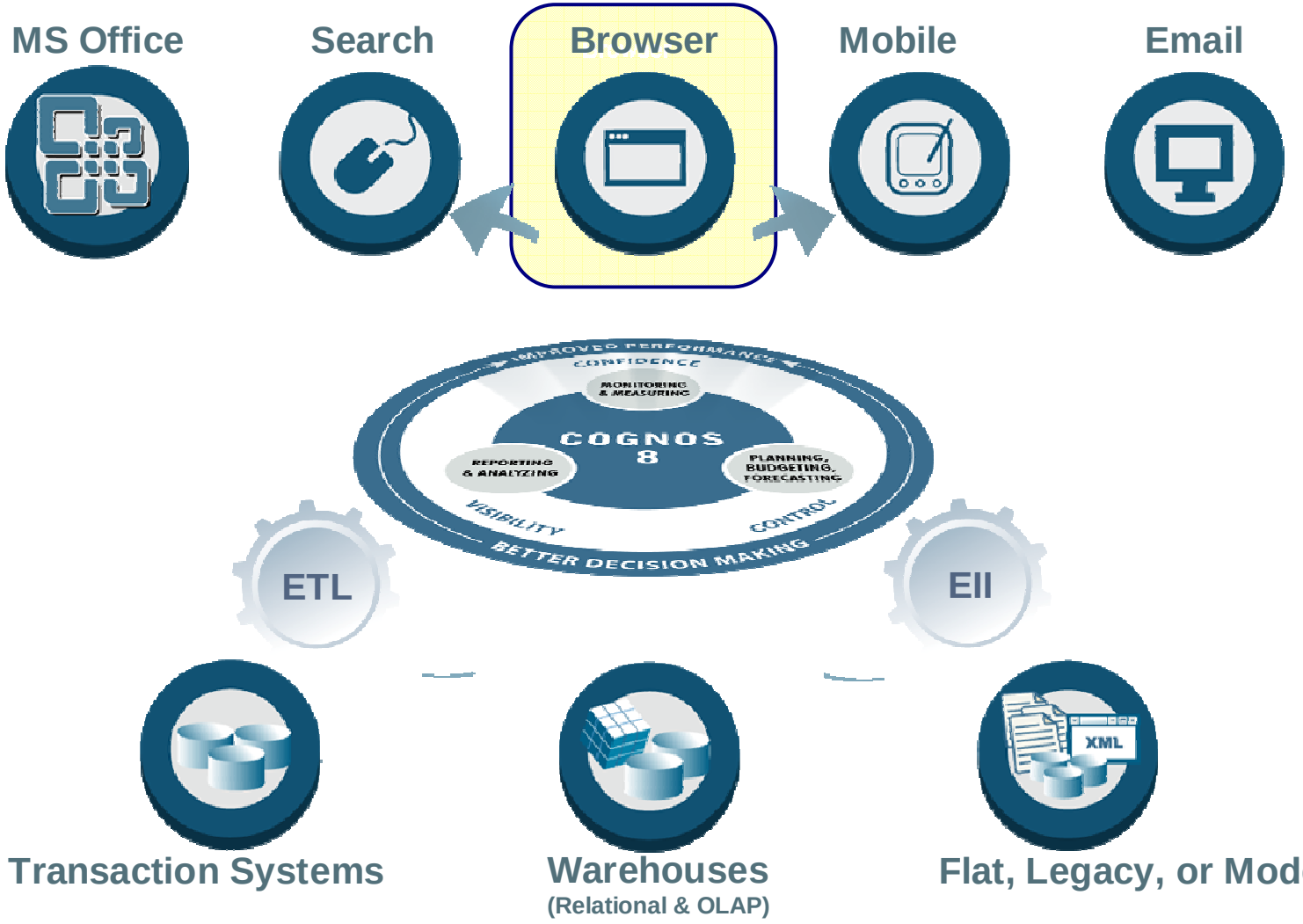
TM1, SAP BW, Teradata, DB2, SQL Server, Oracle, Informix, Essbase, MSAS…

Flat, Legacy or Modern

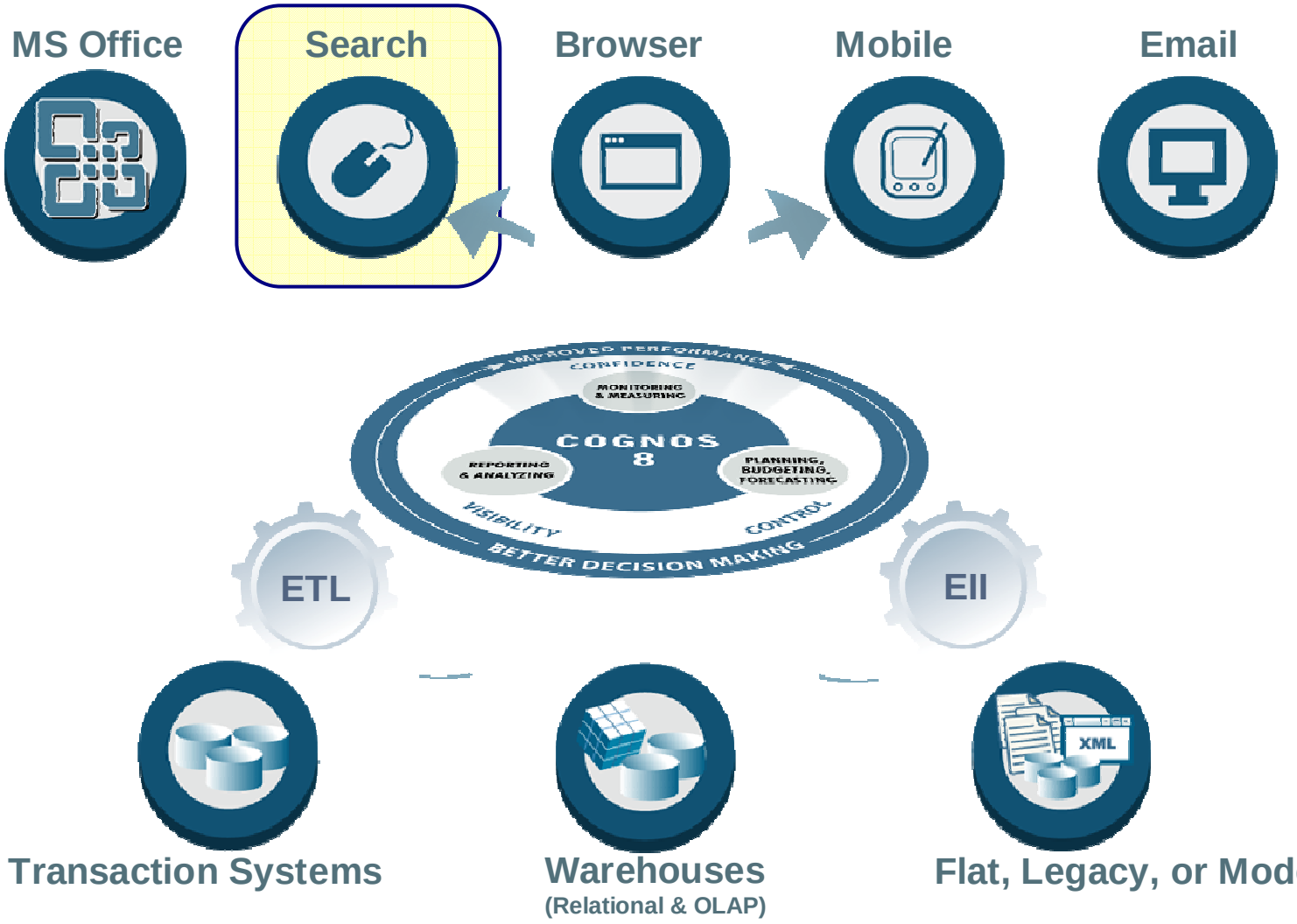
JDBC, Excel, CSV, XML, ADABAS*, IMS*, VSAM*, CICS*…


PRESENTATION/WEB TIER:
Zero Footprint Browsers
Portal
Ad Hoc Query
Deep Comparative Analysis
Event Lifecycle Management
Reporting
Dashboarding and Scorecarding
All Administration
Microsoft Office Users
Window Client/Add-ins
Disconnected OLAP Client
Analysis Excel Client
ROUTER/FIREWALL (optional)
WEB SERVER(S):
Web Gateways, Web Services API
Industry Standard Portals
Cognos Application Firewall
APPLICATION TIER
FIREWALL/ROUTER/ENCRYPTION
Cognos BI Bus – SOAP, XML
WINDOWS
UNIX
LINUX*
COGNOS 8 DISPATCHER(S)
CONSOLI-DATION
QUERY SERVICE
JOB & SCHEDULING SERVICE
PRESENTATION SERVICE
CONTENT MANAGER SERVICE
METRICS SERVICE
EVENT SERVICE
MONITORING SERVICE
AUDIT SERVICE
DATA TIER
Cognos ETL, other in-place ETL
FIREWALL/ROUTER/ENCRYPTION
SQL
MDX
COMMON METADATA
SECURITY PROVIDERS
LDAP, Active Directory, NTLM, Netegrity, SAPBW, Cognos Namespace, Custom Providers
OLAP
CONTENT & METRICS STORE
DB2, ORACLE, SQL Server, Sybase
AUDIT
RDBMS, UNIX Sys Logs, NT Event Log
RELATIONAL
IBM DB2 UDB, Oracle, Microsoft SQL Server, other…
Dimensionally Aware Relational
MODERN
XML, WSDL, LDAP, JDBC…
Enterprise Planning Real-Time Plans
PowerCubes: High Performance Dimensional Cache
Industry Standard OLAP Providers: Microsoft, IBM, SAP

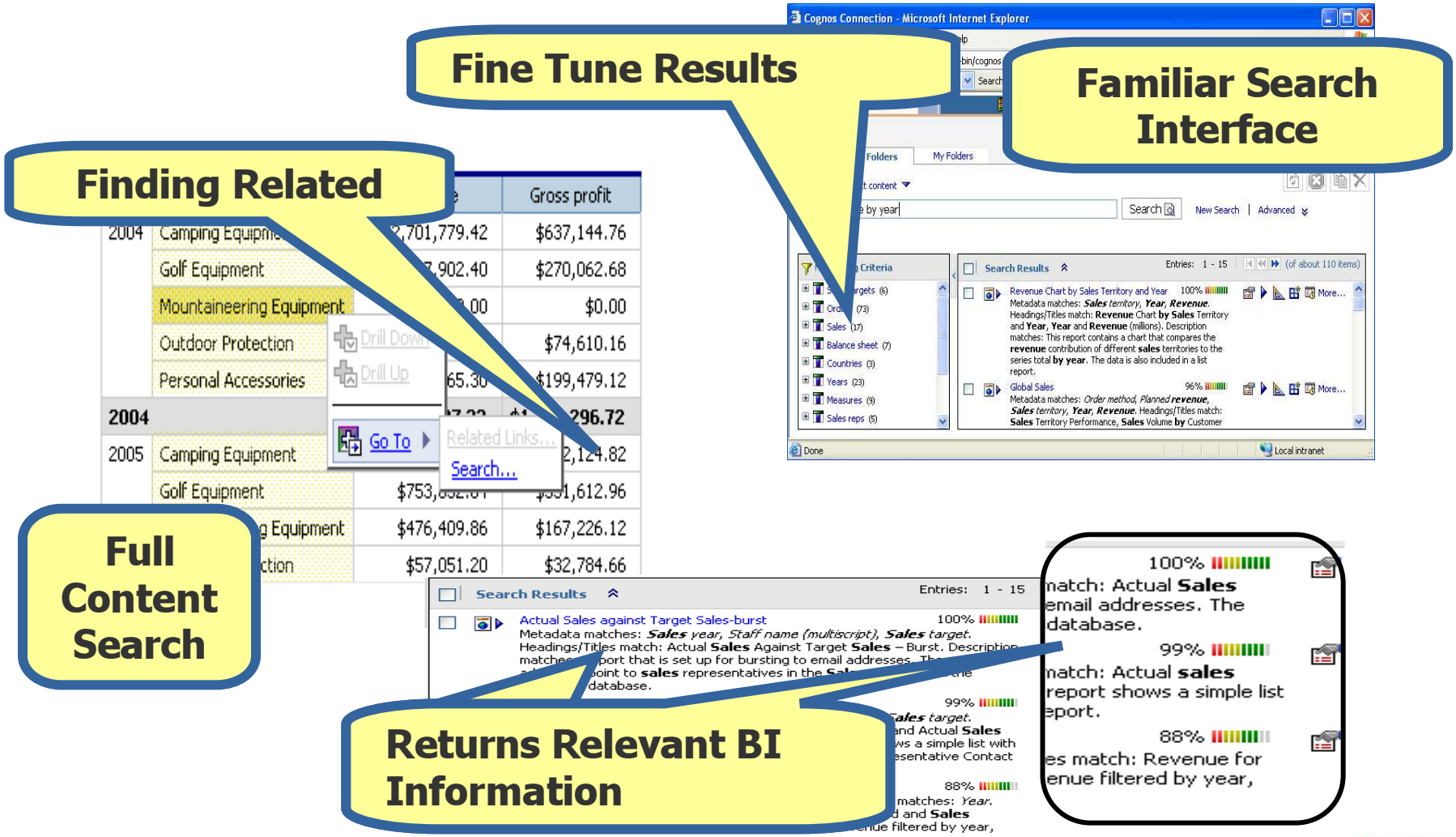
Information Delivery



Information Delivery



Cognos Go! Search



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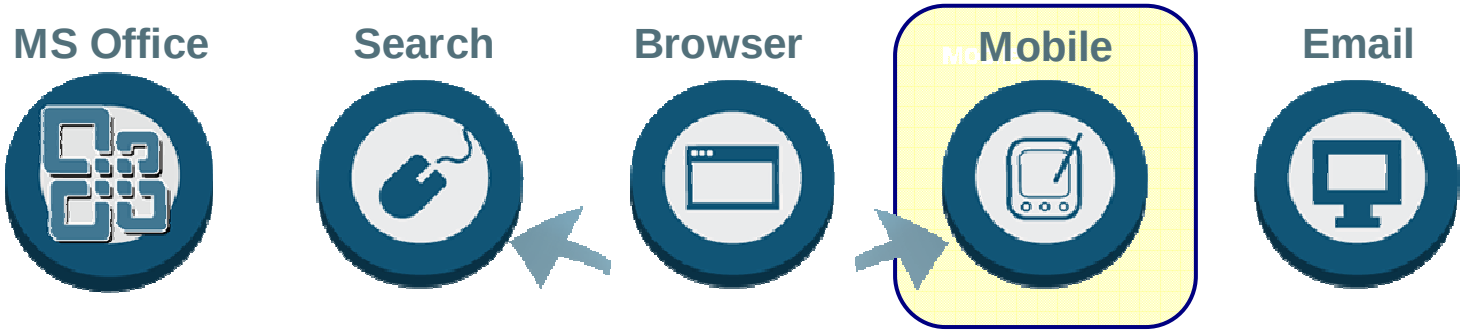
Information Delivery



ETL

EII

Transaction Systems

Warehouses
(Relational & OLAP)

Flat, Legacy, or Modern

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Cognos for Mobile Users

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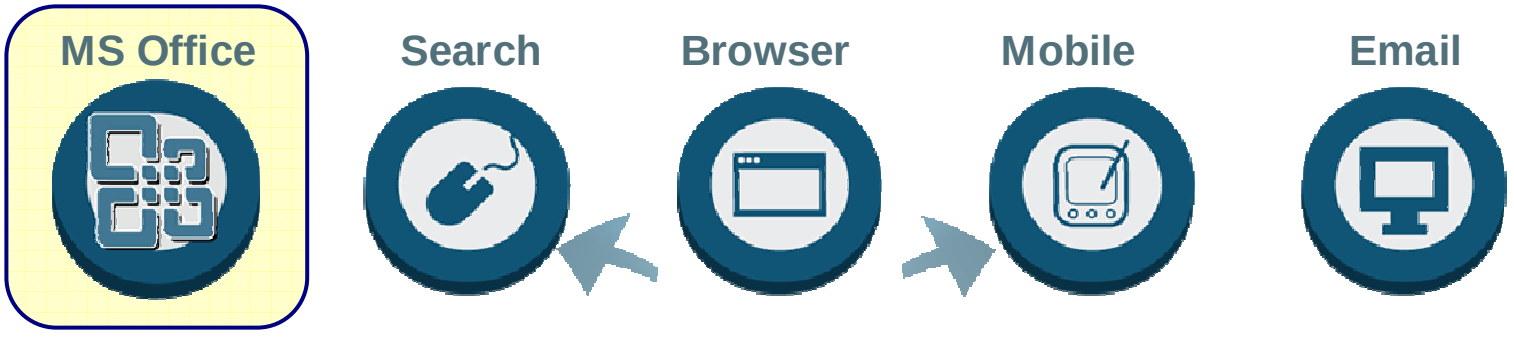
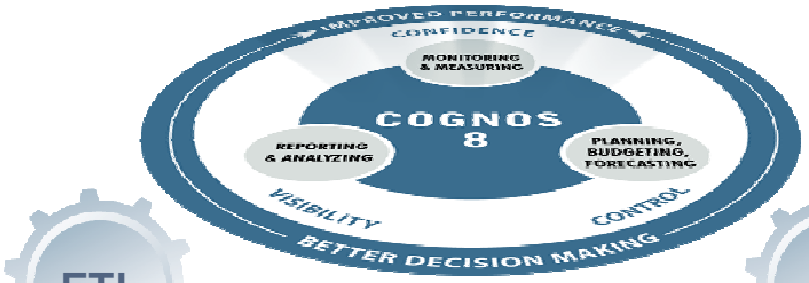
Information Delivery





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DEMO
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THE NEXT LEVEL OF PERFORMANCE™

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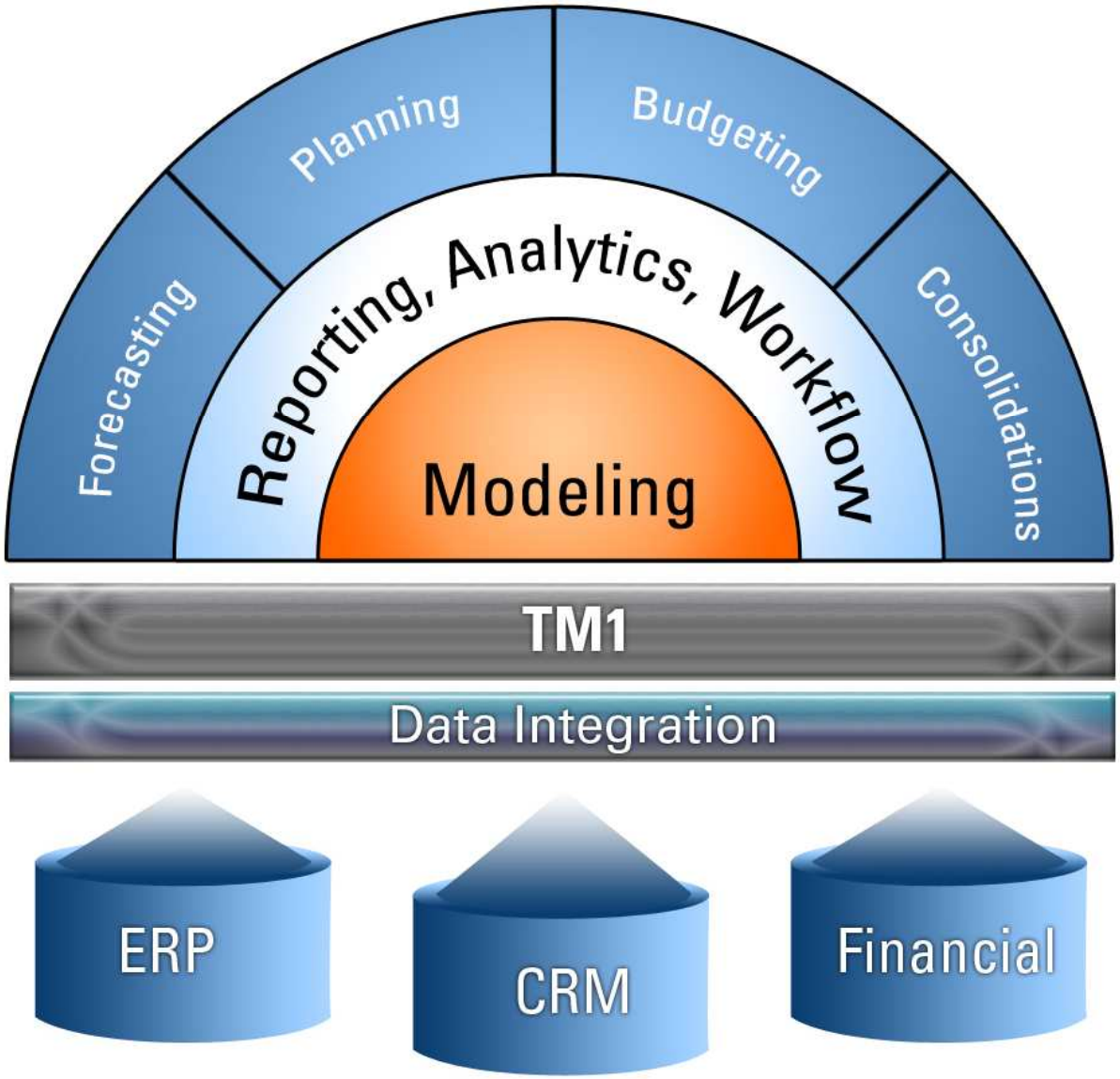
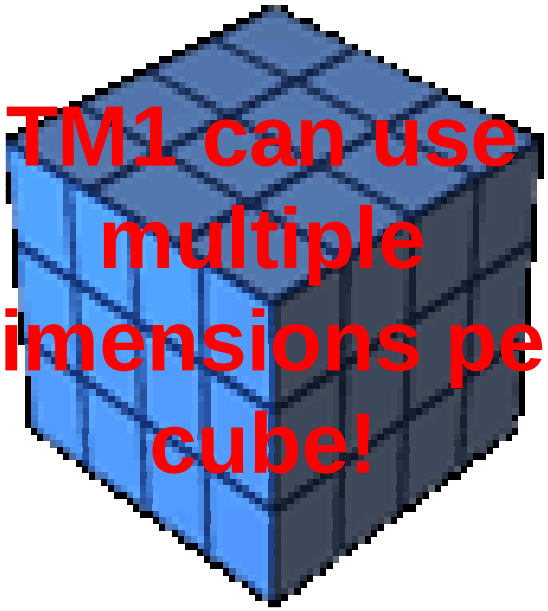
TM1 Performance Management Platform



Multidimensionality

1) months
2) accounts
3) regions
4) products ✓
5) scenario ✓
6) years ✓
7) customers ✓
8) channels ✓

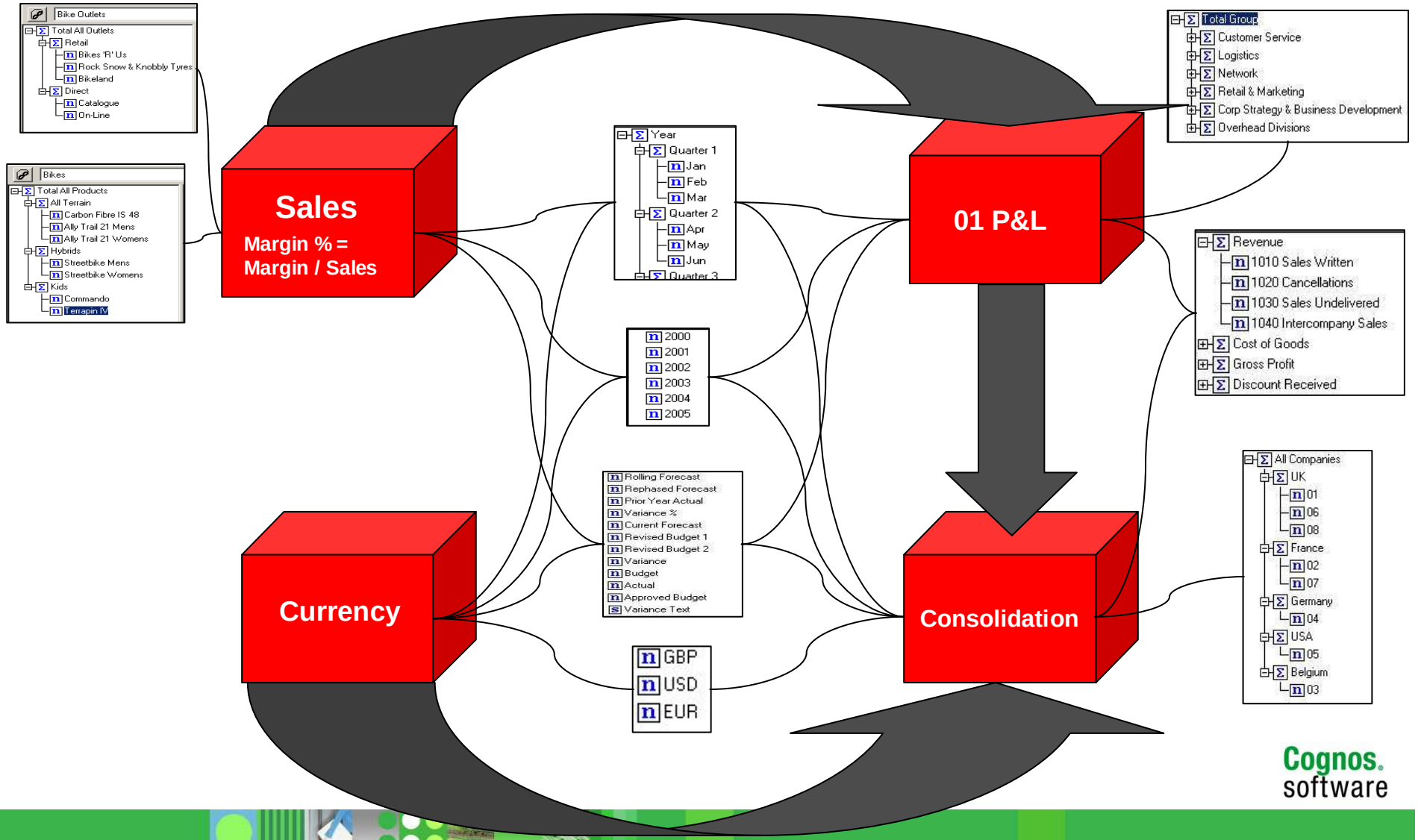


TM1 can use multiple dimensions per cube!

Powerplay vs TM1

- TM1 does not replace Powerplay
- Technology (File vs in memory)
- Write back
- Sparsity
- Management of dimensions
- Rules & Multi-Cube modeling

Multi-cube Modeling



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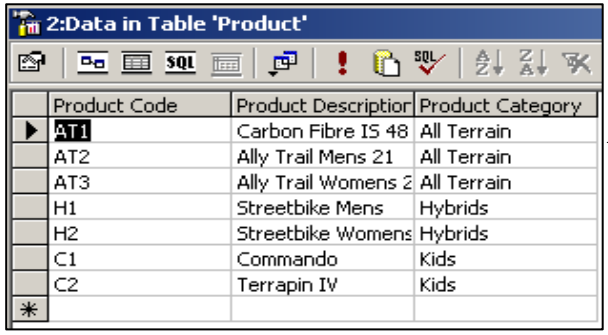
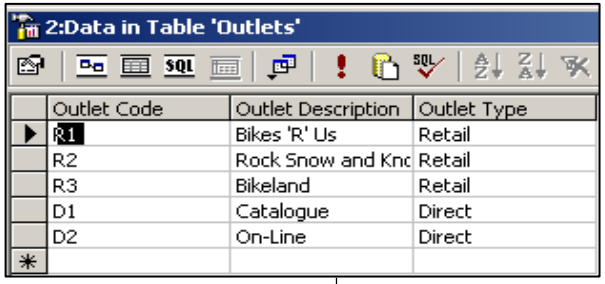
Dimensions



Bike Store

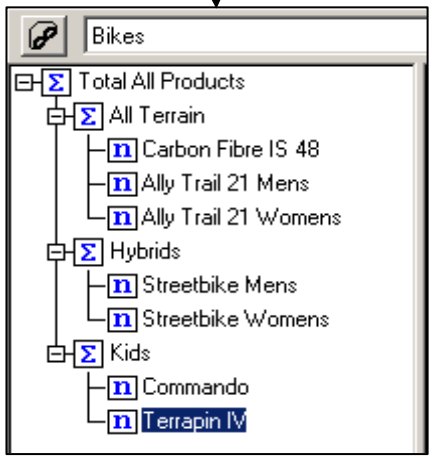


Build Product Dimension

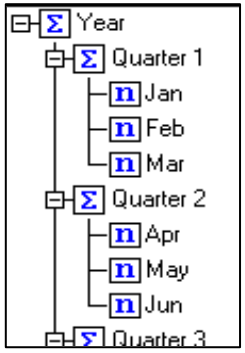
Build Outlet Dimension

Scenario

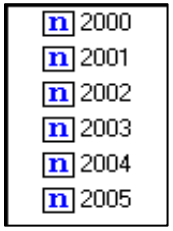
Manually Created Dimensions



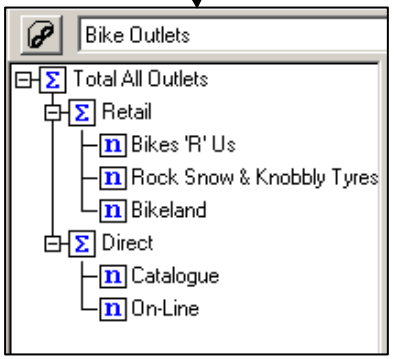
Product Dimension



Month



Year



Outlet Dimension

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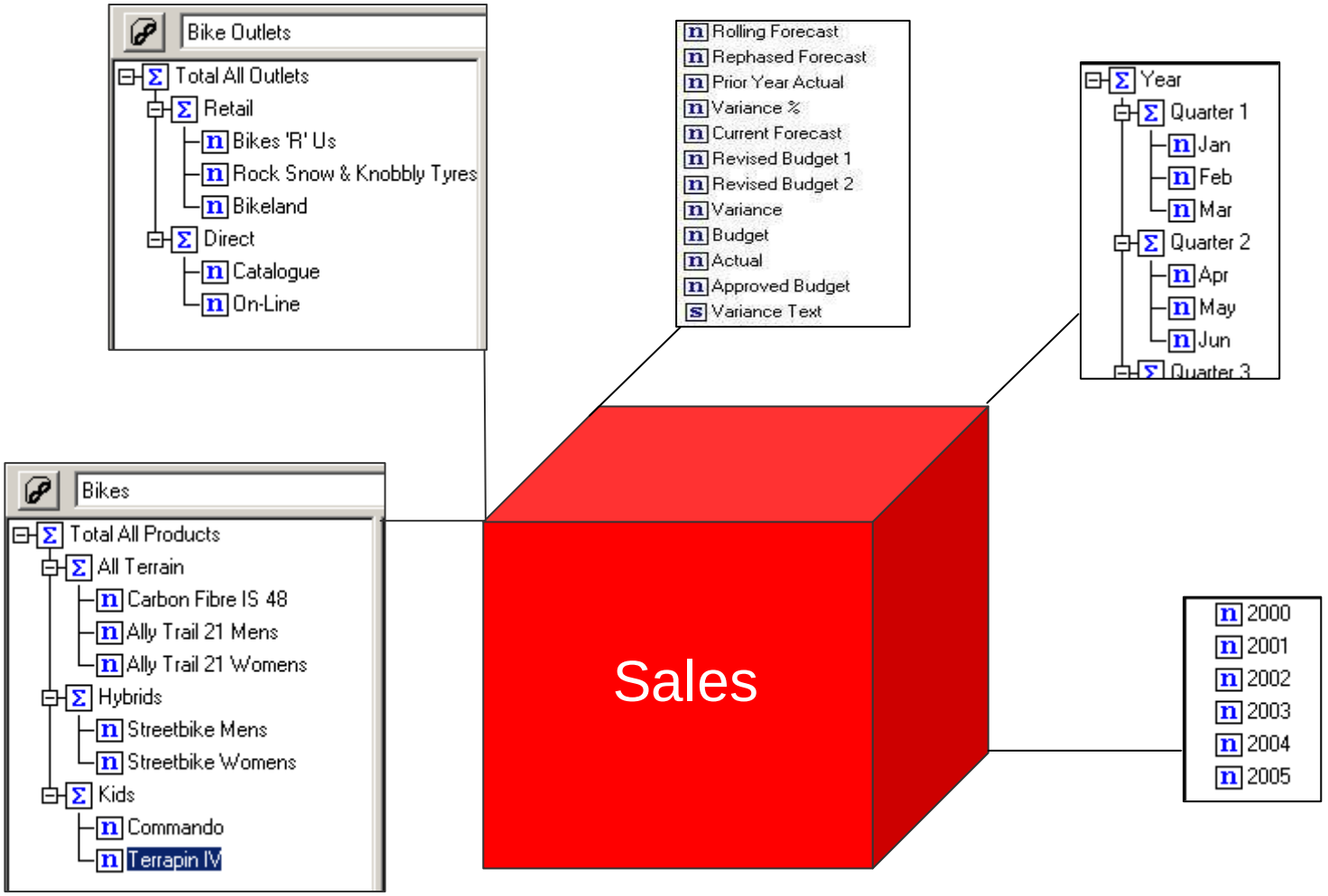
Dimensions & Cubes



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