



Trusted Information

IBM InfoSphere technológiák Az információ integrációs eszközök teljes skálája

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Delivering Trusted Business Information

Financial Risk Insight Workforce Optimization

Dynamic Supply Chain

> Multi-channel Marketing

Customer & Product Profitability





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InfoSphere[™] software

Information Integration, Warehousing, & Management Accurate &
Trusted View,
Managed
Over Time

DB2.

Transactional Processes

Data Management

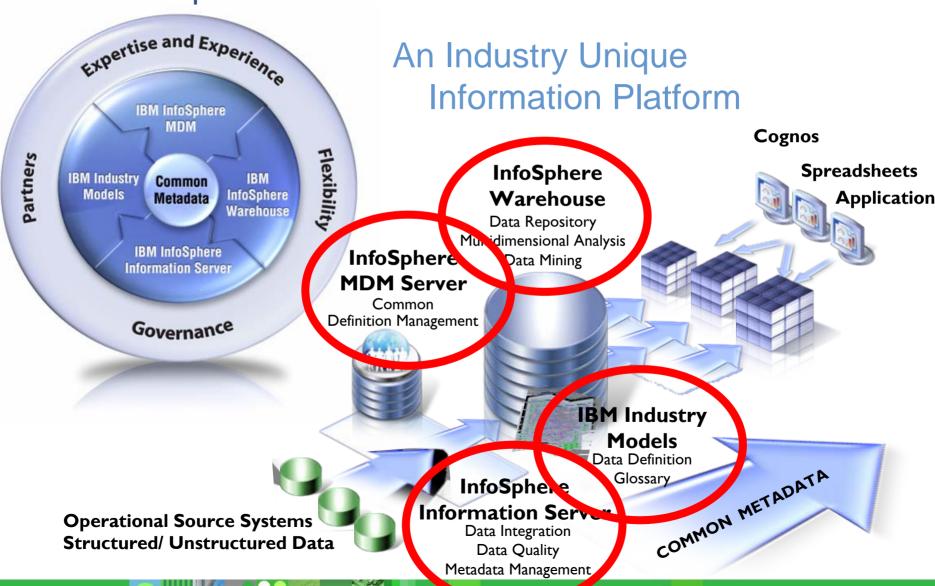
Content-driven Processes

Content Management

Information Assets



The InfoSphere Vision

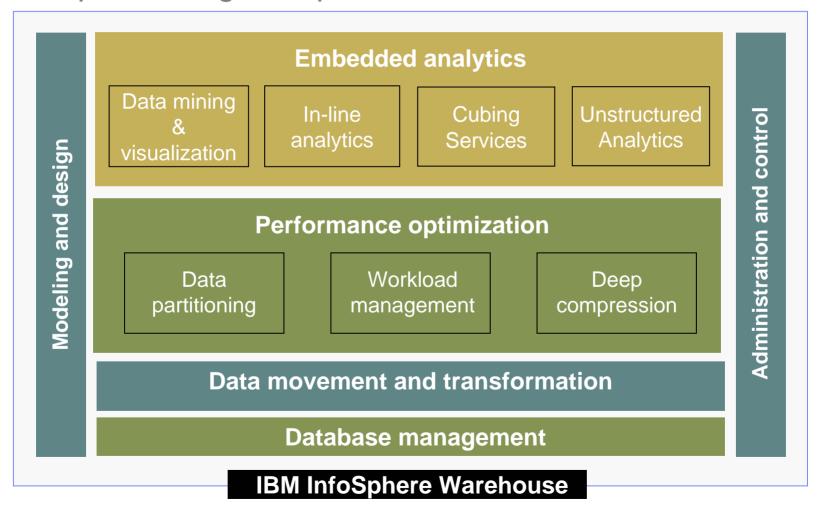




InfoSphere Warehouse



IBM InfoSphere Warehouse (former DB2 Warehouse Edition) A complete, integrated platform based on DB2 UDB

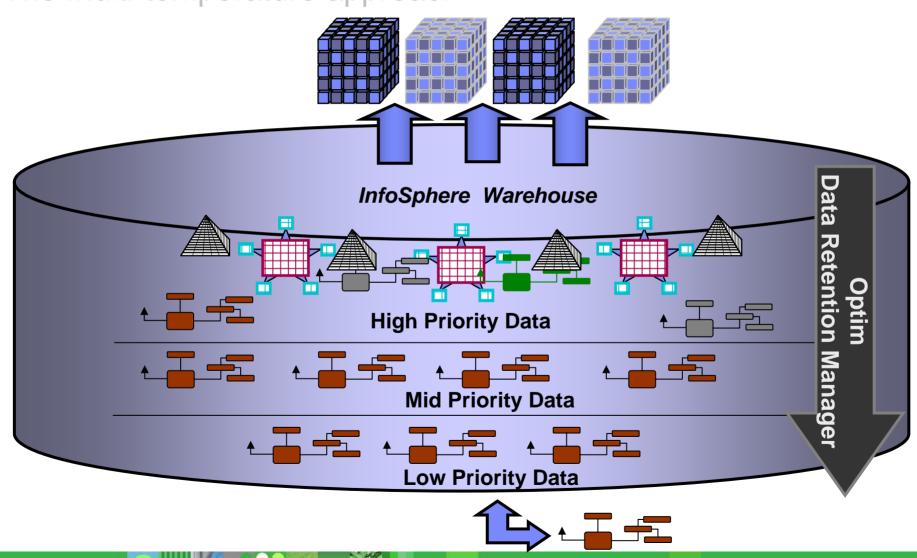


(+ Cognos 8 BI Starter Edition available in all InfoSphere Warehoused editions)



Information Lifecycle Management

The multi-temperature approach





IBM Industry Models





IBM Industry Models



Banking (Data, Process and Serv

(Data, Process and Services Models)

- Profitability, Relationship Marketing
- Risk Management
- Asset and Liability Mgmt
- Compliance
- Business Process reengineering



Insurance

(Data, Process and Services Models)

- Customer centricity
- Claims, Policy, Underwriting
- Intermediary Performance
- Compliance
- Risk Management
- Business Process Reengineering



Financial Markets

(Data, Process and Services Models)

- Risk Management
- Asset and Liability Mgmt
- Compliance
- KYC and Account Opening
- Middle/Back Office Transformation



Health Plan

(Health Plan Data Warehouse)

- Claims
- Medical Management
- Provider and Network
- Sales, Marketing and Membership
- Financials



Retail

(Retail Data Warehouse)

- Customer centricity
- Merchandising Management
- Store Operations & Product Mgmt
- Supply Chain Management
- Compliance



Telco

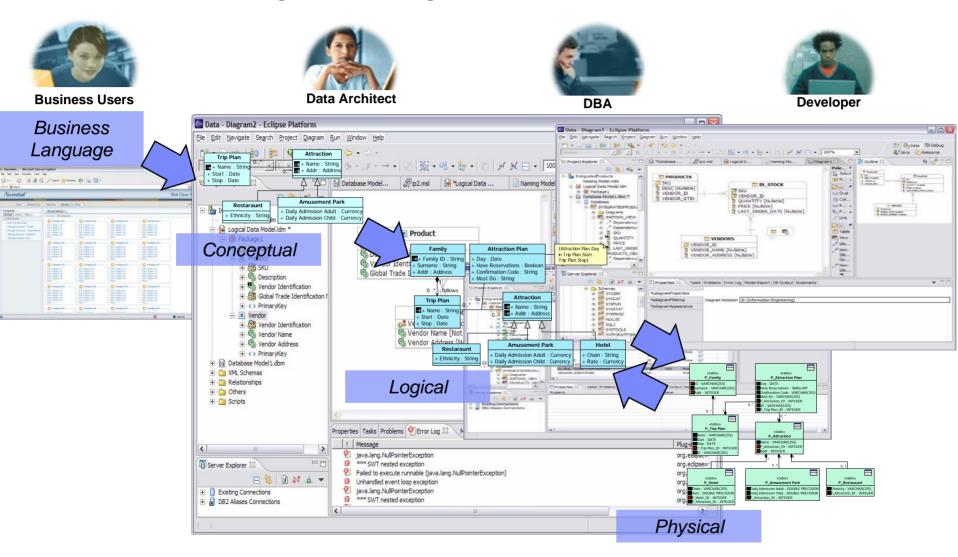
(Telecommunications Data Warehouse)

- Churn Management
- Relationship Mgmt and Segmentation
- Sales and Marketing
- Service Quality and Product Lifecycle
- Usage Profile





The "Understanding" of the Organization varies

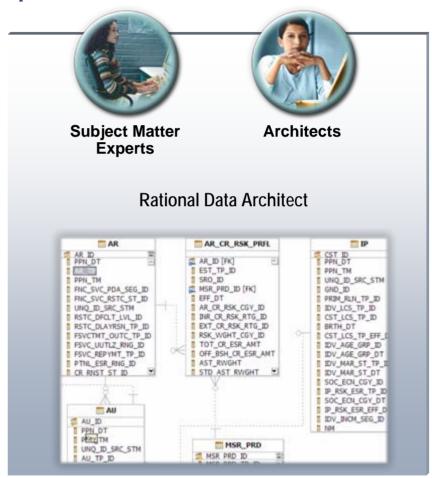






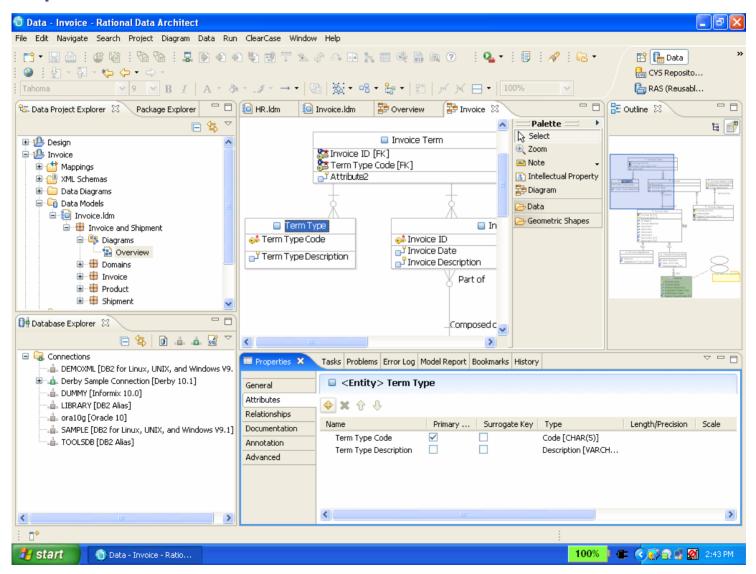
Data Modelling - InfoSphere Data Architect

- Data modeling & discovery for data structures and federations
- Metadata relationship discovery & mapping
- Impact analysis, and synchronization across models
- SQL & XML generation capabilities
- Glossary model, Domain model, Logical and Physical data model...





InfoSphere Data Architect

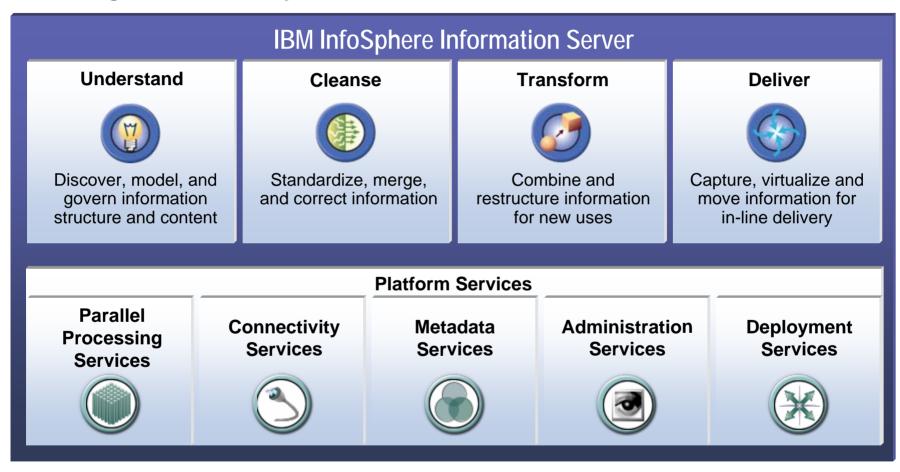




InfoSphere Information Server



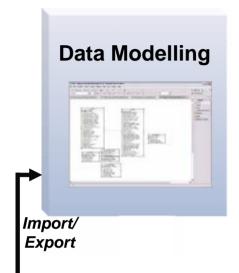
Information Integration layer: IBM InfoSphere Information Server Delivering information you can trust



 Unified security, user administration, logging, reporting, monitoring, metada, connectivity, scheduling etc. across modules



Information Server for Building the Data Warehouse



MetaData Repository

Active Cross-Platform Administration, Management and Reporting





Business Glossary and Business Glossary Anywhere

Features

- Create and manage a common business vocabulary along with relationships to different IT assets
- Web based interface shared across enterprise business teams
- Real-time and easy access to Business Glossary from any desktop applications with Business Glossaty Anywhere
- Allows creation of stewards & assignment of their responsibilities for terms & assets.
- Link business terms to technical assets

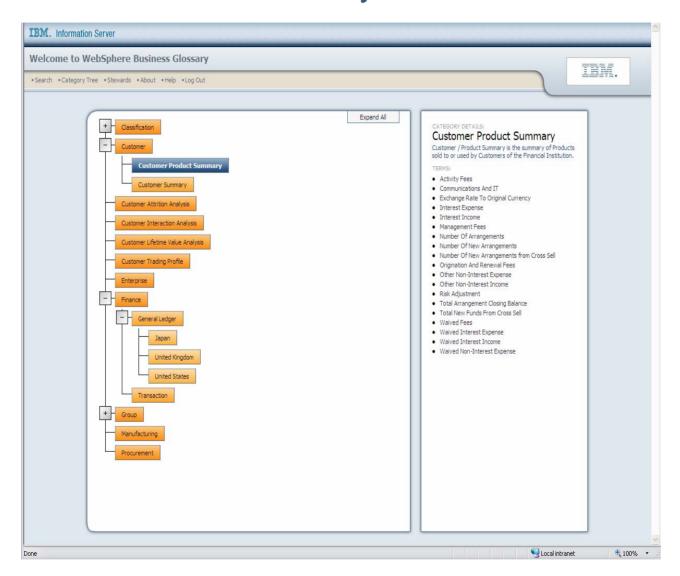
Benefits

- Aligns IT efforts with business goals
- Provides business context to information technology assets





InfoSphere Business Glossary





InfoSphere Business Glossary Anywhere

Name: Gergely Temesi

Status: Active

Department: SWG

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InfoSphere Business Glossary

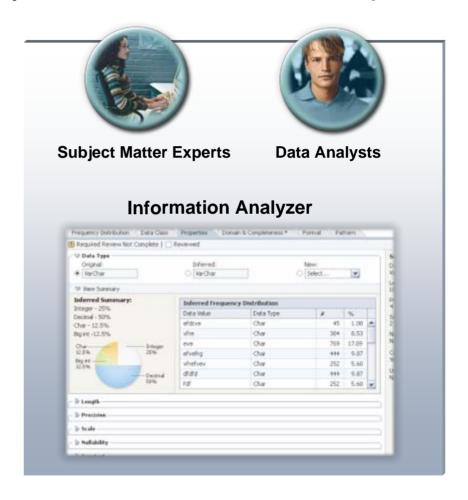






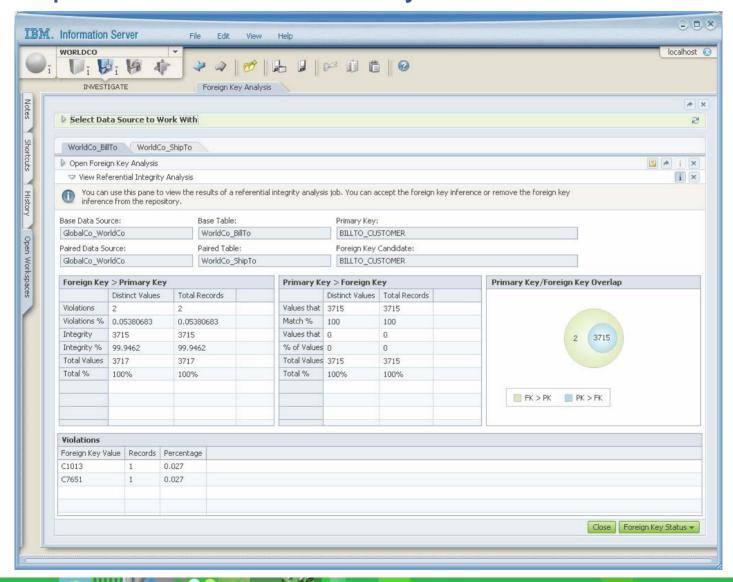
Data Profiling - InfoSphere Information Analyzer

- Provides in-depth analysis of existing systems
 - Identify the best data sources
 - Analyze fields and relationships across fields and across sources
 - Highlight data that may need downstream attention
- Enables ongoing measurement and baseline reporting of information quality
- Creates metadata that describes where information is managed across systems





InfoSphere Information Analyzer







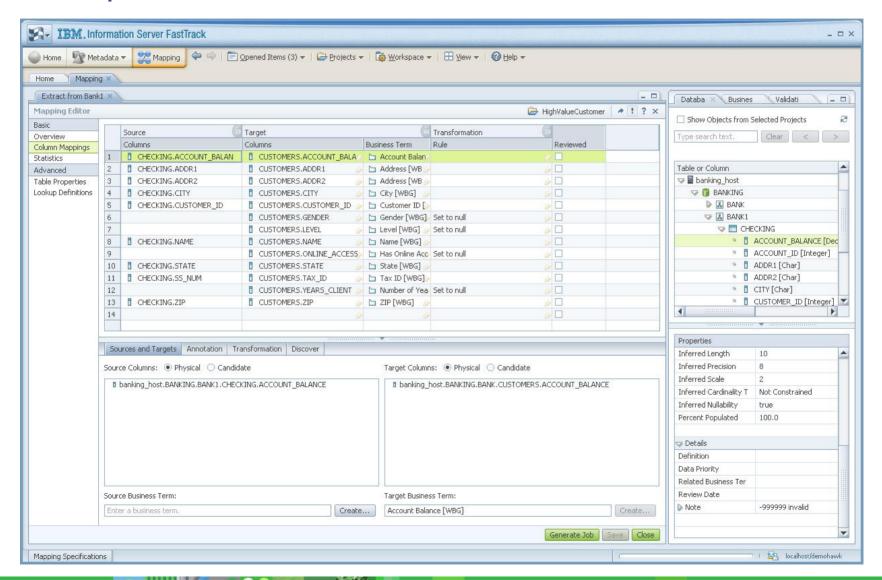
Source/target mapping - InfoSphere FastTrack

- Create required transformation rules for source-to-target historical mapping documentation
- Design transformation rules to optimize business information
 - Leverage Information Analyzer profiling results for most complete requirements
 - Flexible rules support textual descriptions or function logic
- Centrally track design decisions for auditing
- Enhance collaboration
 - Easy to use desktop interface or import work from Excel spreadsheets
 - Define and link InfoSphere Business Glossary terms to physical structures
- Accelerate development of InfoSphere integration jobs



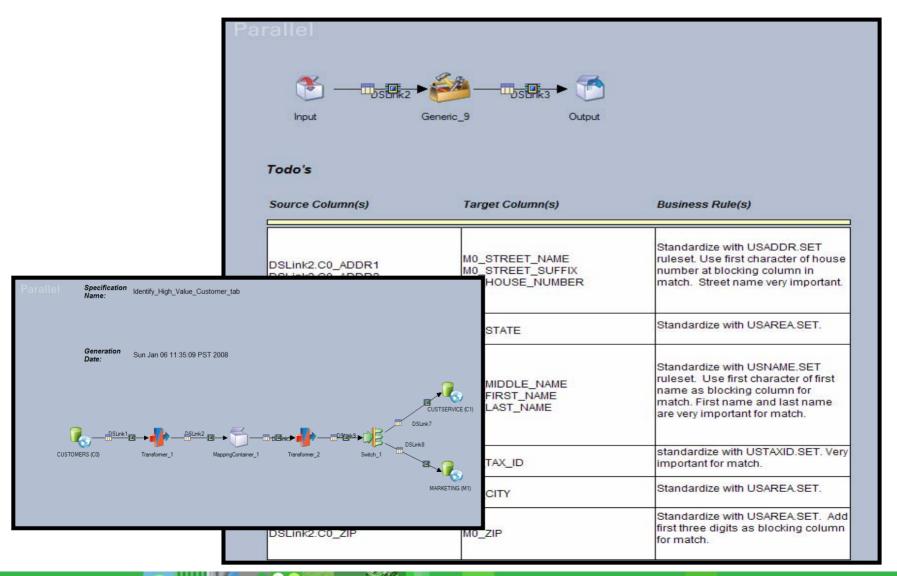


InfoSphere Fasttrack





Auto Generated DataStage job

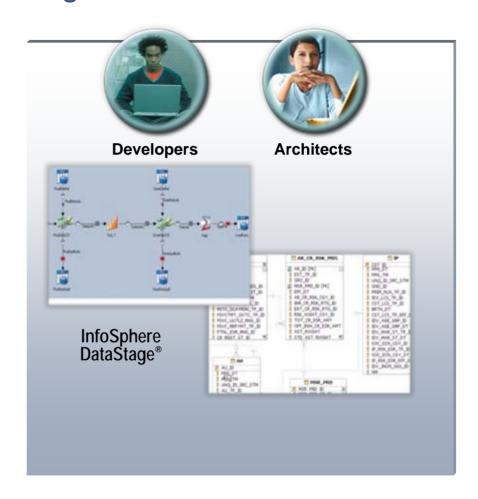






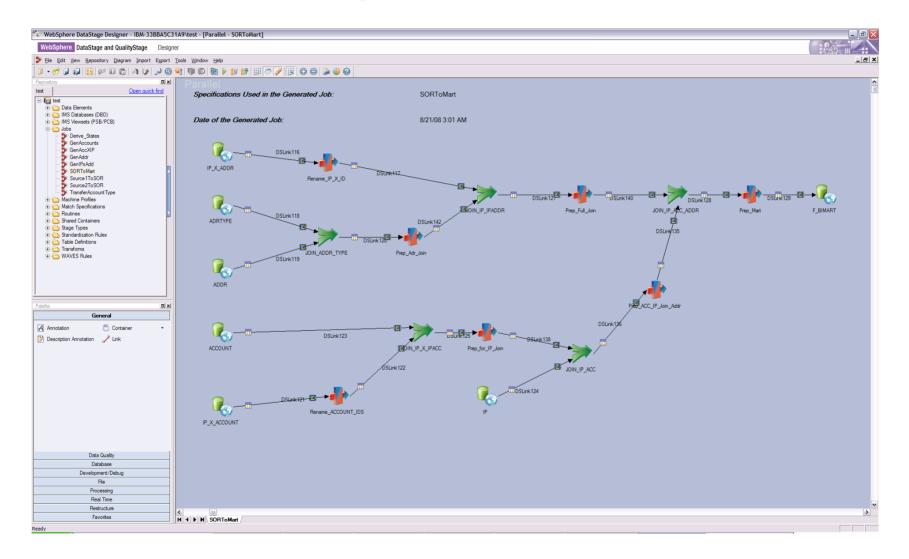
ETL – InfoSphere DataStage

- Transform and aggregate any volume of information
- Deploy in batch, real time, or on demand through visually designed logic
- Complete ETL functionality with metadata-driven productivity
- Supports team-based development and collaboration
- Balanced Optimization pack supports ETL, ELT, ETLT, TETLT, ...





InfoSphere DataStage







Cleanse – InfoSphere QualityStage

- Standardize and correct source data fields
- Match records together across sources to create a single view
- Provides visual tools for designing quality rules and matching logic
- Allows quality logic to be deployed seamlessly within ETL, or as shared services







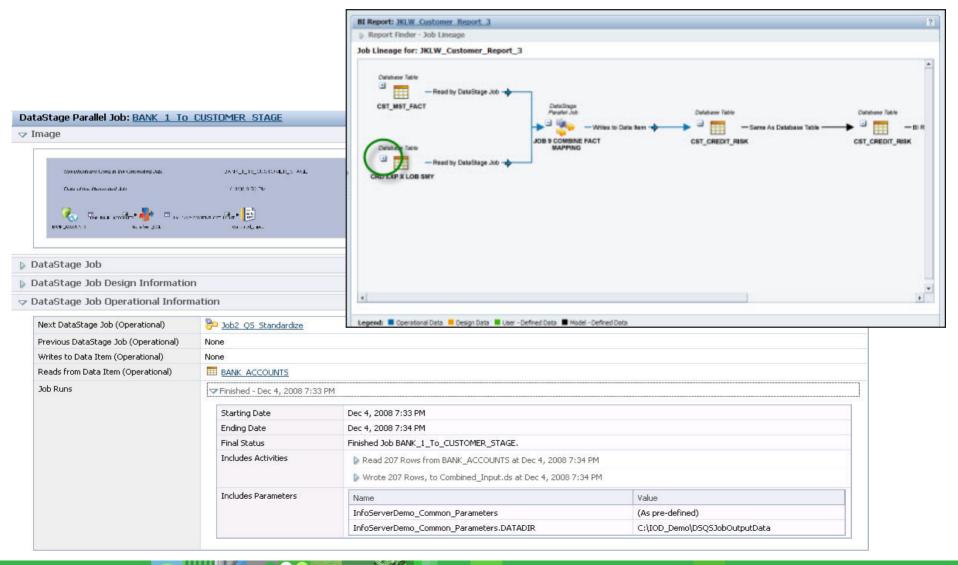
MetaData – InfoSphere Metadata Workbench

- Web-based exploration of metadata
- Out of the box reporting on data movement, data lineage, business meaning, impact of changes and dependencies
- Data lineage tracing from Business Intelligence reports back to sources



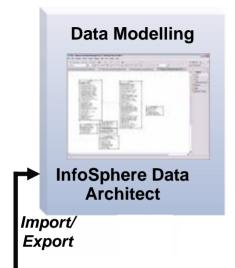


InfoSphere Metadata Workbench





Information Server for Building the Data Warehouse



InfoSphere Metadata Server and InfoSphere Metadata Workbench

Active Cross-Platform Administration, Management and Reporting



InfoSphere Software and Cognos

InfoSphere provides the foundation of trusted information for Cognos business intelligence & performance management



- End-to-end data lineage
- InfoSphere Cubing Services as data source
- Business metadata sharing
- Data Profiling and Quality integration
- InfoSphere DataStage with Cognos Data Manager
- InfoSphere Change Data Capture with Cognos Now!



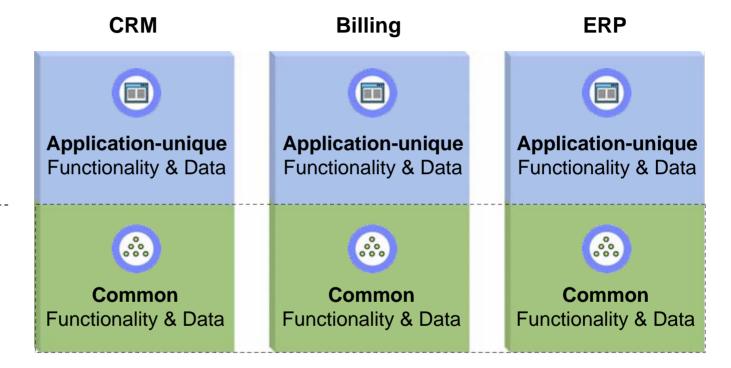
InfoSphere Master Data Management Server



Multiform Master Data Management The Application Process and Function Problem

Data and Functionality unique to each application

Data and data functionality common to applications: Customer, Account, Product



Symptom

Data is inaccurate, incomplete and conflicts with other systems

Root Cause
Common data and data
function is siloed



IBM InfoSphere MDM Server Positioning



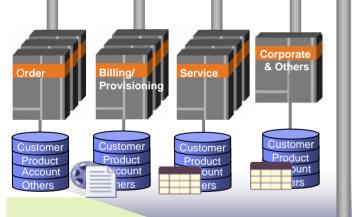
IntoSphere

MDM Server



IBM InfoSphere

Real-time/Near-Real-Time Connectivity Services (ESB, EAI, Web Services, MQ, etc.)





IBM InfoSphere Warehouse

Real-time

Batch Load

IBM InfoSphere Information Server









