

PowerCenter 10 Deep Dive

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Your data is your best and most sustainable competitive advantage, but...



There's too much of it



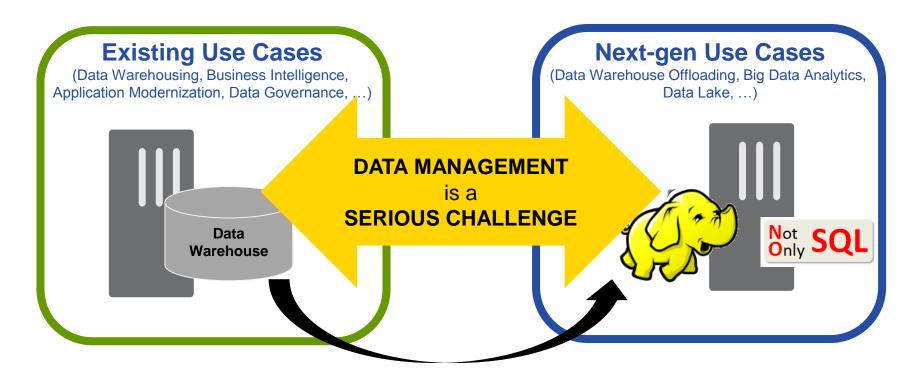
It's too complex



It takes too long to deliver



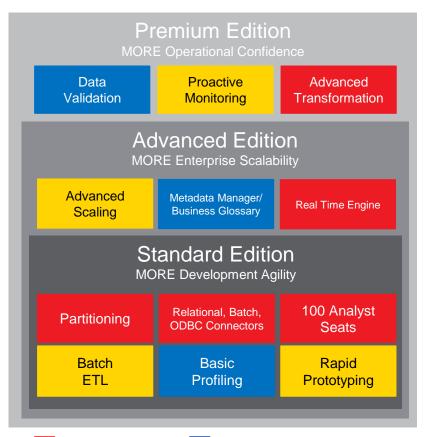
The Evolving Data Landscape





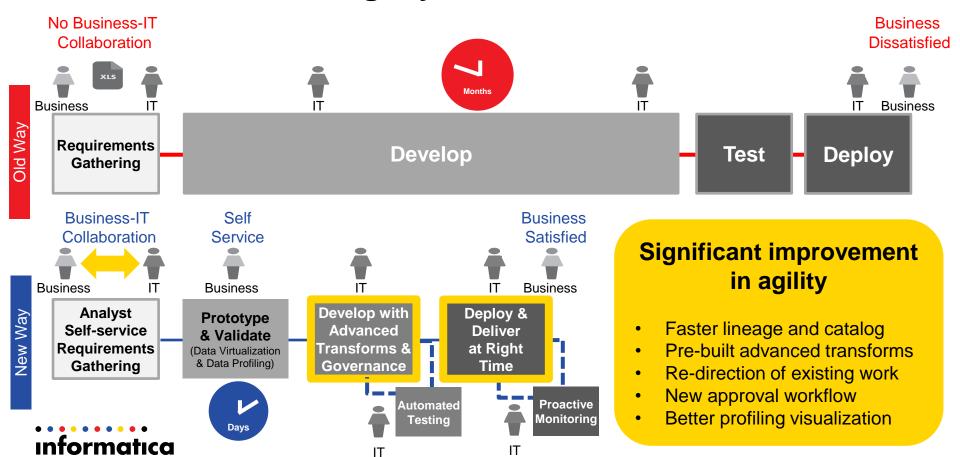
What's New in PowerCenter 10?

Greater end-to-end data integration agility





Greater End-to-End Agility with PowerCenter 10



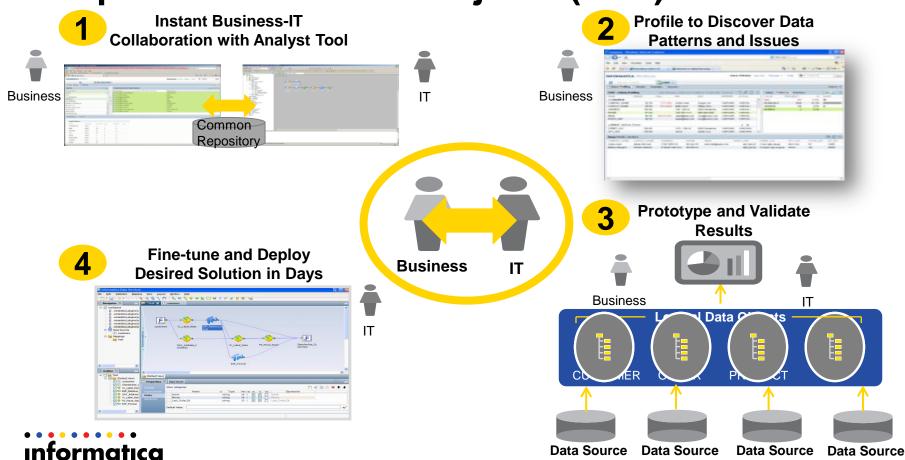








Jumpstart/Accelerate Projects (v9.6)

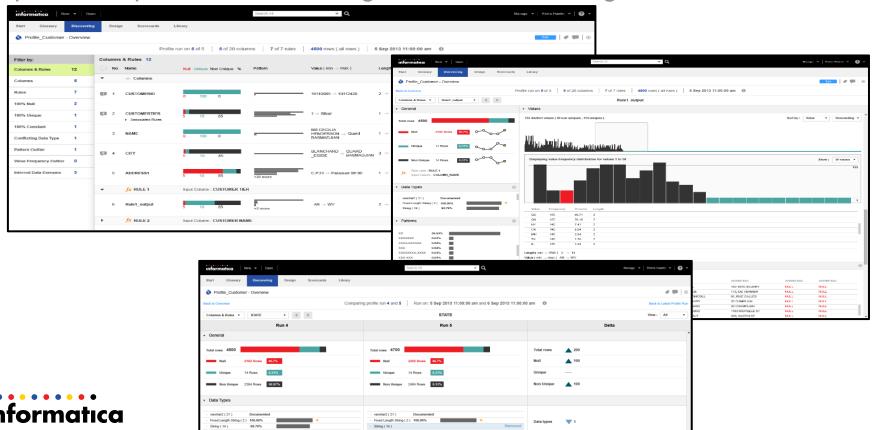




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Profile and Understand Your Data

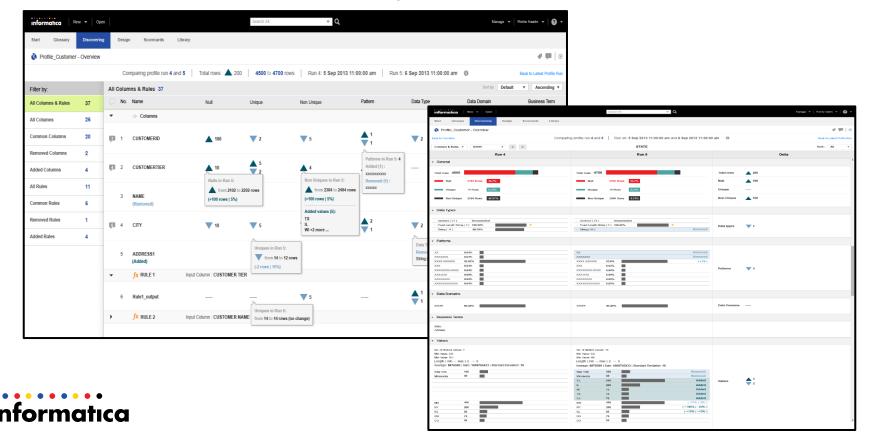
Improved Experience for Viewing Results & Detecting Outliers



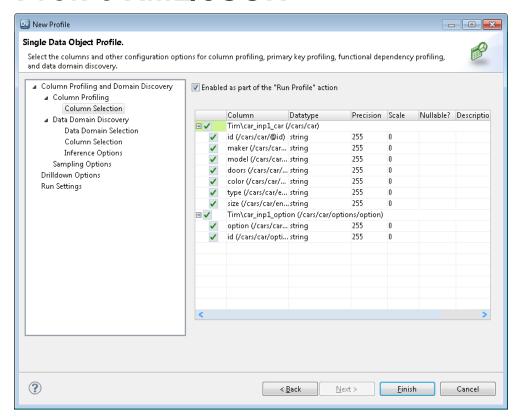


Profile and Understand Your Data

Historical Profile Results and Comparisons



Profile XML/JSON



User can select entire groups to profile or specific elements within the structure.





New Connectivity

- Bundled with all Editions
 - Oracle
 - DB2
 - SQL Server
 - Sybase
 - Informix
 - ODBC

- New Adapters available
 - Vertica
 - MS Azure
 - Amazon Redshift, RDS, S3
 - Tableau
 - Cassandra
 - SFDC Analytics



Integrate Sources Faster & More Efficiently

Enhancements to existing connectivity (9.6.1 HFs and 10.0)

- Updates on version certifications
- Other enhancements to existing connectors
 - Oracle 12c : Multi-tenancy & in-memory support
 - DB2 : Certification for in-memory BLU Acceleration
 - SQL Server: Change in interface to DD ODBC and Bulk mode support
 - Teradata : Kerberos and Array insert support
 - Greenplum : Native interface SSL support
 - SAP : Improved impact check to minimize ABAP code regeneration when mappings are modified
 - Sybase IQ: Parallel Load Support

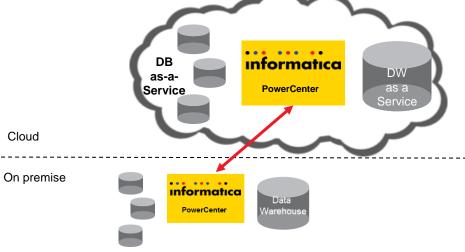


PowerCenter in Hybrid Deployments

Certified for deployment in cloud ecosystems

Cloud

- Amazon AWS
- Microsoft Azure
- Broad range of cloud connectivity
 - Amazon Redshift
 - Amazon RDS, S3
 - Salesforce



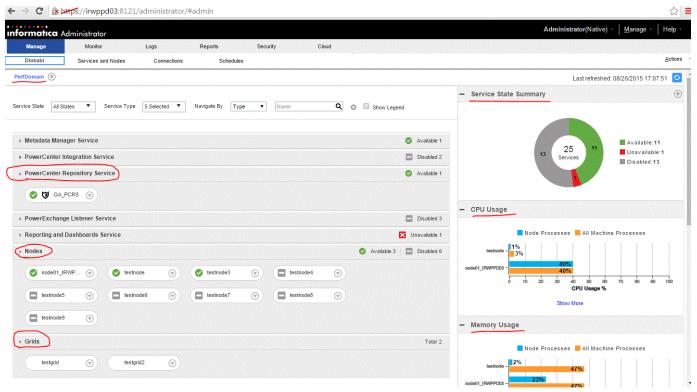




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Improved Administration & Monitoring

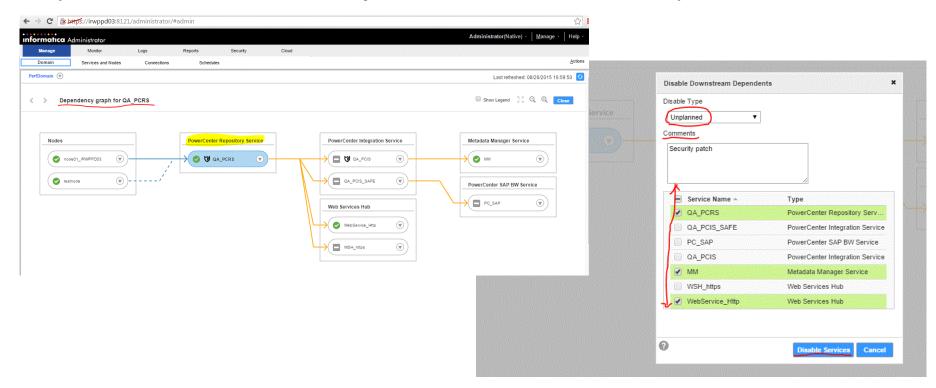
Bird's Eye View Of Service Health & System Usage





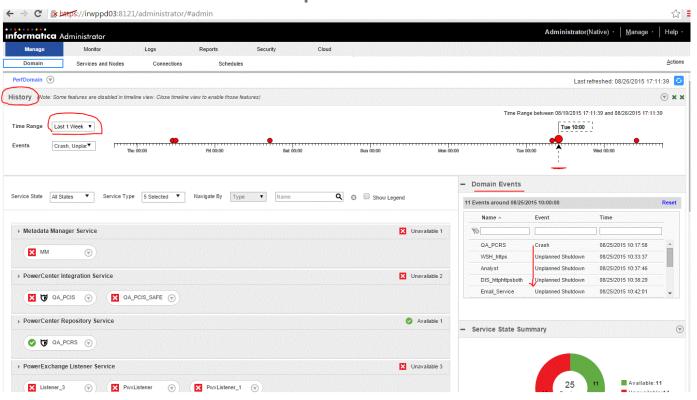
Improved Administration & Monitoring

Graph view and One-click recycle of a service and its dependencies





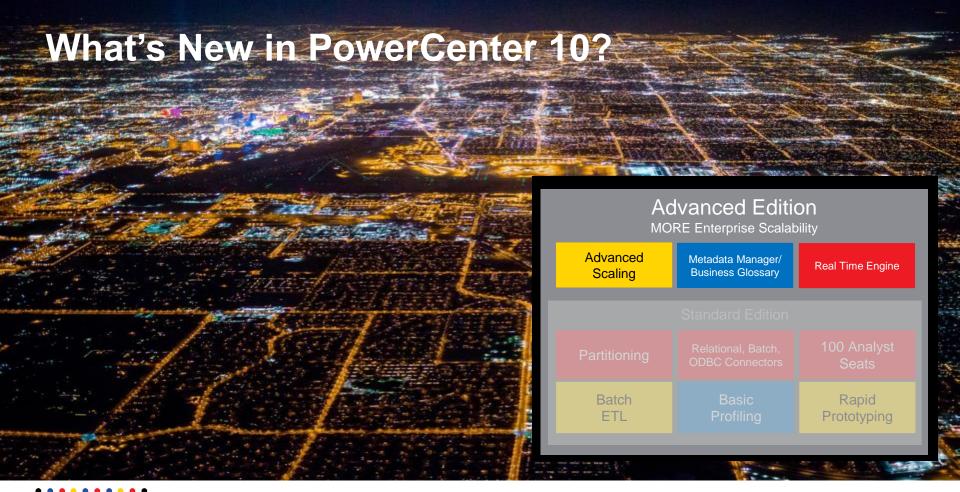
Improved Administration & Monitoring Walk back in time to view past health of the domain







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Several Ways to Scale Data Integration

In addition to Partitioning now offered in Standard Edition...

High Availability

Overview / Need

- Need for relative availability
- Ensure zero downtime deployment

Benefits

- Mitigate impact of failures to the app layer
- Maintain resiliency from source to target
- Reduce time lost due to external failures
- Improve effectiveness of your team

Enterprise Grid

Overview / Need

- Need for horizontal scaling
- Leverage resources in a grid

Benefits

- Optimize computing assets
- Provide load balancing
- Boost system performance
- Reduce overall deployment costs

Pushdown Optimization

Overview / Need

- Offload processing from PowerCenter
- Leverage processing power of database

Benefits

- Improve overall performance
- Reduce data movement
- Maintain metadata and lineage in PowerCenter





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Real Time Web Services & JMS Messaging Support

- Integrate incoming data via continuous sessions
- Process real-time web service requests

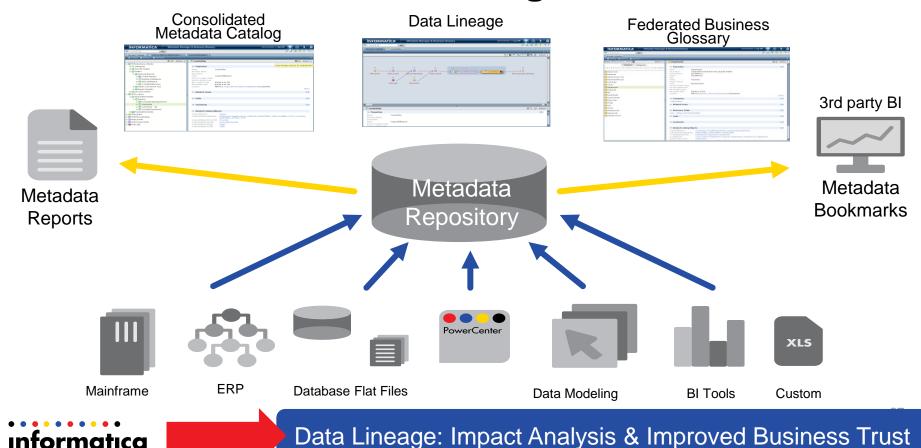
- Real Time Engine includes:
 - JMS PowerExchange
 - Real-time Request response capabilities for Web Services Hub
 - Option to add connectivity to Web Services, CDC and messaging/EAI







You Need to Be Able to Manage Metadata



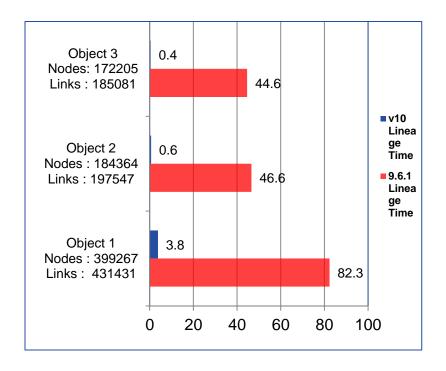
Metadata Manager Enhancements

Up to 50X data lineage rendering performance (graph database)

- Faster rendering for current environment
- Capable of scaling to much larger environments

Data Lineage

- Provides end-to-end diagram of data flows and transformations
- Essential for change management





Metadata Manager

Summary Lineage

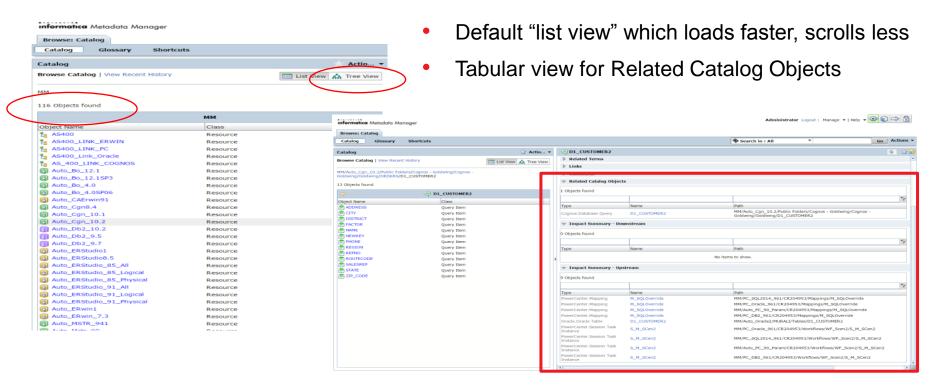
- Easy to understand, end-point level summary lineage
- Switch between Summary and Detailed lineage seamlessly





Metadata Manager

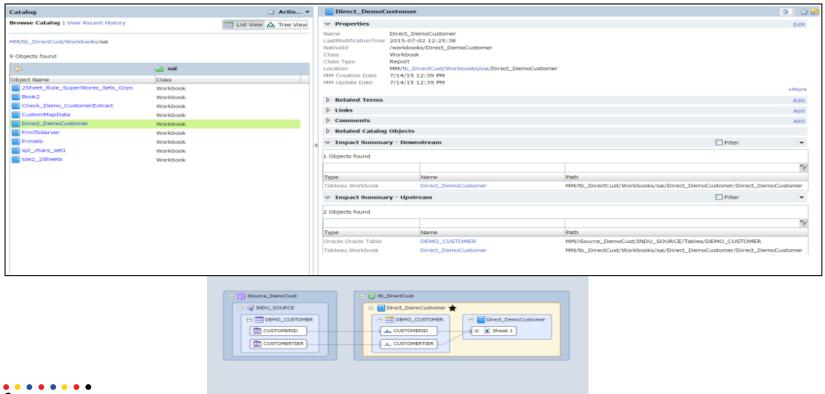
Improved Catalog Performance





Metadata Manager

Tableau Server X-Connect

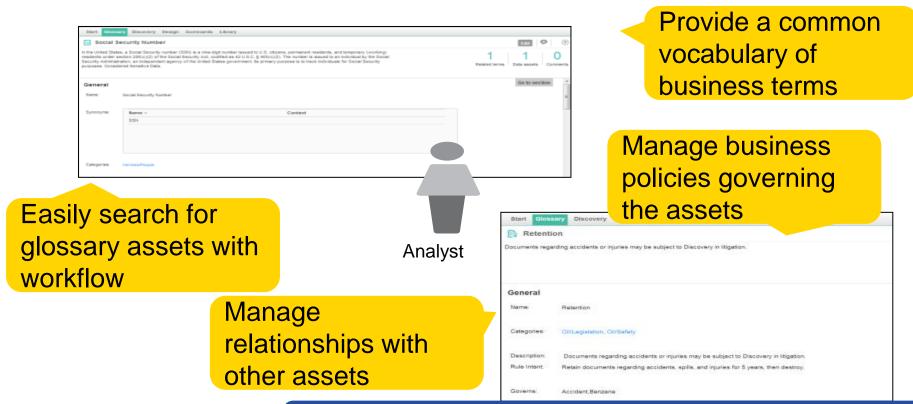






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Manage a Common Business Vocabulary



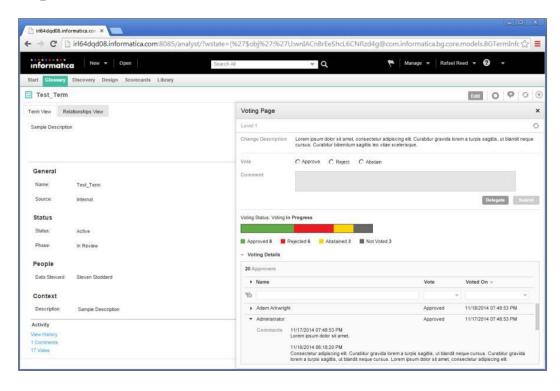
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Keep Business & IT in Sync with Common Terminology

Business Glossary Enhancements

Formalize Change Approvals using In-built Workflows

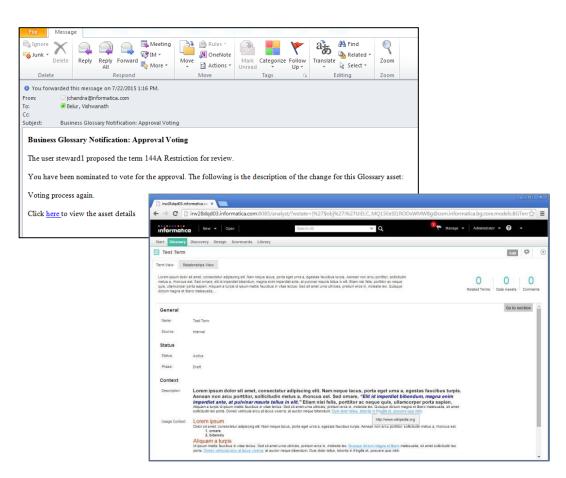
- Provides a default workflow for BG Asset approvals
 - Supports two-level voting
 - Displays voting status while the asset is in approval
 - Can be used with Business Initiatives





Business Glossary

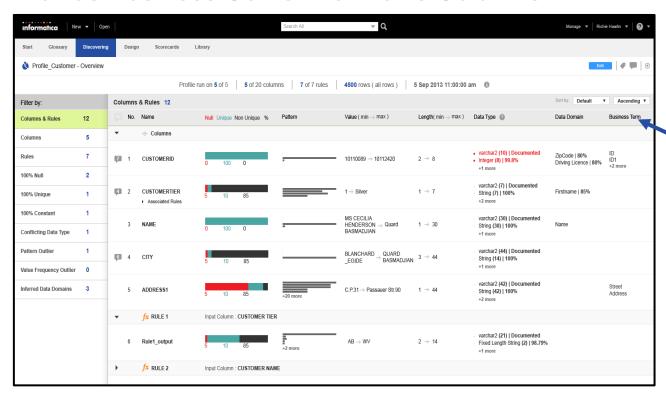
- E-mail notification for glossary changes
- Enrich the text in the glossary asset and attach documents to glossary assets for better expressibility
- Better import/export experience





Business Term Linking

Provide Business Context to Profile Columns



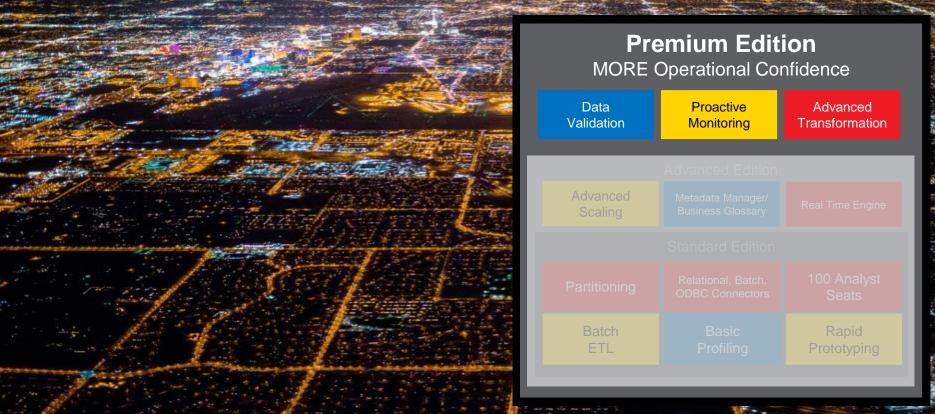
Users can attach
Business terms to profile columns to provide relevant inplace business context.





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What's New in PowerCenter 10?





What is the Data Validation Option?

DVO is an independent (black box) testing solution that provides:

- ✓ Automation
- ✓ Scalability
- ✓ Repeatability
- ✓ Auditability



Improve data quality, reduce time and effort in testing.



Whats New in DVO 10.0

Focus on automation and Hadoop

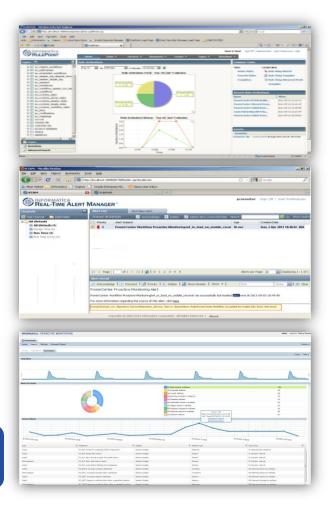
- DVOcmd
 - Export all objects in one or more folders
 - Export individual objects based on their External IDs
 - Skip invalid objects during export from command line
 - Refresh multiple PC metadata folders at one time
 - Run all Table Pairs/Single Tables in one or more folders
- Metadata Import and Object Copy enhancements
- Metadata refresh performance improvements
- Hadoop support via ODBC



Proactive Monitoring

- Monitoring and Alerting Tool for PowerCenter Issues
 - Governance: In Development
 - Operations: In Production
- Pre-built & Extensible Rules to Monitor PowerCenter
- Delivers Alerts to people, dashboards and systems
- Out of Box Reporting analyze/drill down into current historical ALERTs

Improve SLAs, Data Trust, Reduce IT Time & Cost



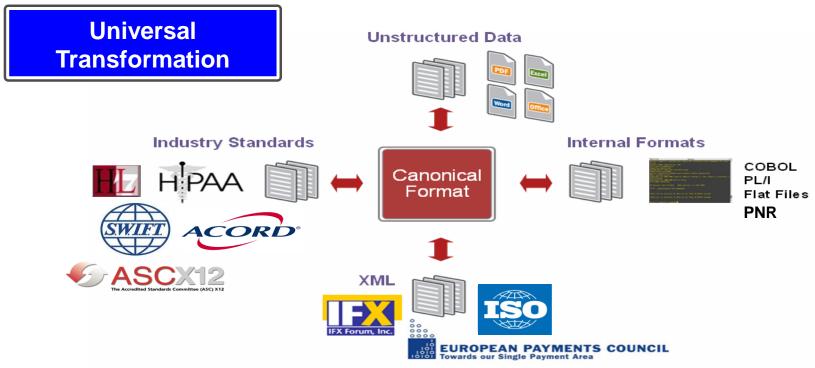






Any-to-Any Data Transformation

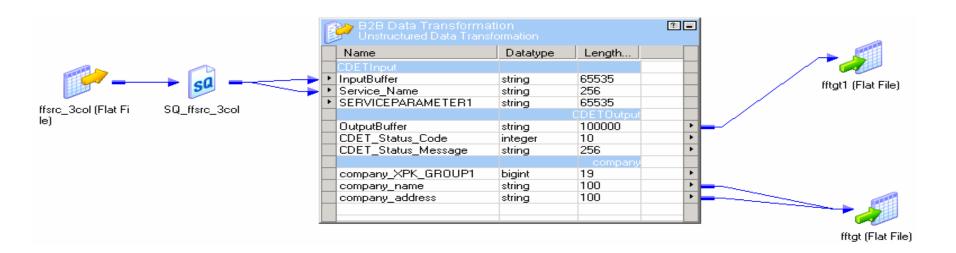
Data Transformation – Comprehensive





Unified Integration

Data Transformation - Flexible



Leveraged in PowerCenter via a Single Transformation





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Next Steps/Q&A

- 12/1 Deep Dive Webinar on Data Integration Hub
- Informatica Professional Services:
 PowerCenter Major Release Upgrade Kickoff
- Deep Dive Webinar on Informatica Data Quality (replay)
- PowerCenter Brochure
- Agile Data Integration Webinar Series





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