

# 3 WAYS TO STREAMLINE AND ENHANCE YOUR DATA INTEGRATION CAPABILITIES



Make the Most of Your SAP® PowerDesigner® Investment

## CHALLENGE

SAP PowerDesigner is an essential tool that enables you to plan and manage your complex business transformation initiatives. It's a tool your team depends on. But even with SAP PowerDesigner's robust capabilities, you may still find yourself struggling with implementing and maintaining your data integration strategies. You're not alone. To help you tackle these problems, we developed several enhanced solutions to expand and improve your data integration capabilities using the SAP PowerDesigner tools you already know. Each level below offers expanded features to solve data integration challenges, and help you better manage the volume and variety of data for your enterprise architecture initiatives.

### LEVEL 1

#### SAP POWERDESIGNER + SAP® INFORMATION STEWARD

SAP Information Steward and SAP Sybase PowerDesigner combine to empower end users and data managers with a single environment to discover, assess, define, monitor, and improve the quality of their enterprise data assets. The merger of these two applications takes you from data discovery, quality, and monitoring, and into the architecture perspective used to drive systems' evolution and change.

#### LEVEL 1 BENEFITS

- Connecting design time to actual implementation captured by information managers as operational metadata for your enterprise landscape
- Access to all metadata
- Features an end-to-end view
- Improved collaboration between data modelers and data stewards
- Easy access to data quality rules and domains
- Opportunity to implement validation rules

### LEVEL 2

#### SAP POWERDESIGNER + SAP® DATA SERVICES ENTERPRISE EDITION

SAP Data Services Enterprise Edition (DSEE), is a complete data offering for enterprise deployments. This solution includes all of the tools needed (integration, data modeling, data quality and more) to deploy an information governance initiative focused on the movement and analysis of data. This solution provides results regardless of data type, data domain, or data source, and delivers complete, accurate, and trusted data.

#### LEVEL 2 BENEFITS

- Complete solution to ensure dependability of enterprise data assets
- Data discovery to help profile, visualize, and understand data
- Data integration and replication to help access, move, and load data sources
- Full flexibility helps allocate cores across most included products
- Real-time database replication for securely moving and synchronizing data
- Real-time updates from non-SAP systems to any database

### LEVEL 3

#### SAP POWERDESIGNER + SAP HANA®

SAP HANA is a fully transactional, ACID-compliant, relational in-memory database with standard SQL support. It was designed to run transactions and analytics on a single copy of data with maximum performance. SAP HANA runs analytics applications smarter, manages business processes faster, and makes data infrastructures simpler so that you can automate data collection, fusion, and filtering.

#### LEVEL 3 BENEFITS

- Real-time access to information from SAP and non-SAP sources
- Integrated application development platform
- In-memory database
- Predictive analysis
- Text analysis
- Geospatial processing
- Event stream processing

## COMPARE ENHANCED FEATURES

Features	Level 1	Level 2	Level 3
Facilitate collaboration among data analysts, data stewards, and IT staff	✓		
Improve data quality with increased transparency into origins and lineage	✓		
Consolidate, integrate, and audit metadata from all relevant sources	✓		
Enhance information governance with consistent data validation rules and guidelines	✓		
Gain a better understanding of data quality metrics with intuitive dashboards and scorecards	✓		
Reduce IT costs and complexity with a single solution for data profiling and metadata management	✓		
<b>Root cause and impact analysis:</b> Determine the origin of data quality problems and how they impact downstream processes or information assets	✓		
<b>Broad application and system support:</b> Integrate large volumes of data, structured and unstructured, from any data source at high speeds		✓	
Single interface to design, discover, cleanse, enhance, and integrate data – and make it ready for organizational use		✓	
Ensure consistency across data sources – whether they are on-premise, in the cloud, or embedded in applications		✓	
Improve processes by connecting mission, supplier, material, and any other data		✓	
<b>Native text data processing:</b> Contextual analysis of text data, entity extraction in over 30 languages		✓	
Easily standardize, correct, and match data to reduce duplicates and identify relationships		✓	
Re-usability of business rules (central repository)		✓	
<b>High performance and scalability:</b> Meet high-volume needs with support for parallel processing, grid computing, and bulk data loading		✓	
SAP HANA increases processing speeds and analysis of large data sets by factors ranging from 60x to over 100,000x faster than traditional computing architectures			✓
User can explore and analyze all transactional and analytic data in real time from virtually any data source			✓
<b>Analysis at the speed of thought:</b> The dramatic processing speed of SAP HANA allows analysts to work iteratively			✓
Complex predictive analysis and complex queries can be performed on all of the data available			✓
<b>Ad hoc queries of large data sets:</b> Analysts can more easily pull operationally relevant knowledge from large, diverse data sets. And they are free to explore data as the mission evolves			✓
<b>SAP HANA leverages your existing investments:</b> It does not take esoteric skill sets to deliver the power of in-memory processing to your mission – SQL, JDBC/ODBC, JSON, and XML are used to connect the SAP HANA platform to your enterprise.			✓
<b>High availability:</b> SAP HANA supports both synchronous and asynchronous replication to enable continuity of operations.			✓
Simplified system landscape			✓
Reduced ETL (extract, transform, and load) processes between systems			✓

### GET MORE FROM SAP DATA INTEGRATION

You don't have to struggle with data integration. Consider enhancing your SAP PowerDesigner platform to drastically improve your data integration and analysis capabilities. Our SAP solutions offer options tailored to fit your business requirements. Contact us today to discuss the solution suited for your enterprise.



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