INFOSYS DATA SERVICES SUITE

The need to move data across applications can be due to multiple reasons like organic growth, mergers and acquisitions, or fresh market demands. These can lead to implementation of new operational systems, create a need to upgrade existing systems or a need for integration of parallel systems across departments & companies. Improving quality & speed of decision making, along with better planning & forecasting are key business objectives that drive pan-enterprise data driven initiatives. Enterprises also face challenges in keeping data consistent across heterogeneous systems with different data formats. These systems require complex data mapping rules that need to be updated to keep up with data variety. Moreover, enterprises need to adhere to global regulatory norms. The mix of constraints and risks makes it difficult for enterprises to pursue profitable data management strategies.

As enterprises grow, there is a need to securely and consistently move complex data across applications and systems. In order to address this need, Infosys has developed the Infosys Data Services Suite (iDSS).
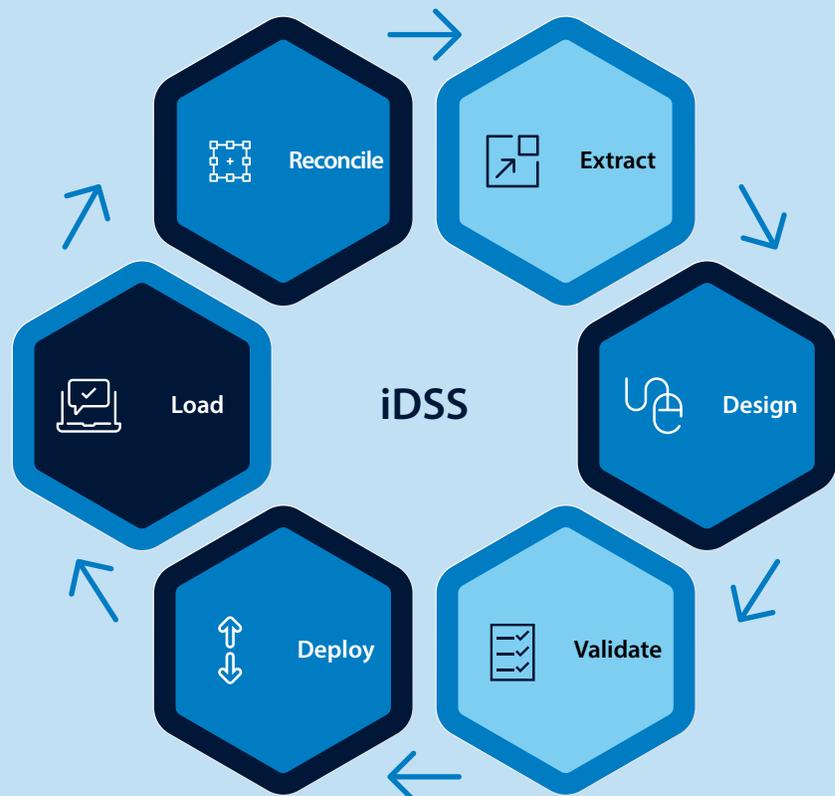
Product Overview

The Infosys Data Services Suite (iDSS) is a data management solution that helps in end-to-end data life cycle automation.

Infosys Data Services Suite (iDSS), is an easy to use, high performance, scalable and cost-effective Data Management platform that addresses most typical issues in the data migration life cycle. iDSS provides seamless, zero error data services across diverse source and target databases and addresses all data management needs for structured and unstructured data. This solution consists of separate modules for Data Quality, Master Data Management and Migration methodology, rich artefacts, check lists, and toolset for accelerating Data Migration and MDM.

iDSS provides an automated migration and reconciliation solution using easy-to-use UI based features to enable business self- service instead of query driven technical solution. Management dashboards and project management add-ons help ensure visibility of project progress and highlight any action items as required at a granular detail level.

iDSS — Reconcile, Extract, Design, Validate, Deploy, Load

Variants

Desktop Variant - Used primarily for Data Migration, Conversion & Quality related work on traditional RDBMS or file systems.

Web-Based Big Data Variant - Used for live streaming data using Kafka, unstructured data processing, handling data hierarchies using Hadoop, HIVE, Spark, Azure, AWS, NoSQL and Machine Learning with MDM capabilities.

Key Capabilities

- **Automated Migration and Reconciliation Solution** - Provides easy-to-use UI based features to enable self- service instead of a query driven technical solution
- **Data Profiler and Quality Suite** – Enable source data quality assessment and aid MDM adoption
- **Metadata Extractor** – Extract system data and definitions
- **Rule Builder** – Enable data transformation based on target system
- **Data Loader** – Load the transformed data using native import utilities and scripts
- **Reconciliation Reporting** – Automated management reports depicting field level data load statistics detailing the before and after transformation results

Benefits

- Integrated product suite for all data management requirements
- Has low license costs and aids offshoring thereby increasing ROI
- Easy customizations for diverse source and target databases - including connectors and utilities
- Data mapping processes with extensive data transformation options using built-in functions
- Extensibility - enabling you to define your own custom processing functions
- Standardized access to a wide range of different data sources

- Automated migration and reconciliation using easy-to-use UI based options
- Security - Enforces authentication and role based authorization with data encryption
- Easy Configuration and Connectivity to multiple package systems and databases using native connectors and deployment scripts
- Instituting superior data governance by enabling customized project level dashboards
- High level of automation for increased execution speeds and reduced errors

For more information, contact askus@infosys.com

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