



# Oracle Data Integrator Statement of Direction

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## PURPOSE STATEMENT

This document provides insight into the roadmap for Oracle Data Integrator. It is intended solely to help you assess the business benefits of Oracle Data Integrator for new or existing installations and to plan your I.T. projects.

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Due to the nature of the product architecture, it may not be possible to safely include all features described in this document without risking significant destabilization of the code.

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## EXECUTIVE OVERVIEW

### Oracle's Data Integration Philosophy

Data integration is an essential component in harnessing value from the available data assets for all industries. Data integration requirements, users and deployment options continue to evolve. To help customers use and integrate various data assets, Oracle will continue to:

- Offer complete data integration solutions addressing customer requirements.
- Add connectivity to new data sources as needed.
- Enhance data integration products for new integration use cases and new deployment options.

### About Oracle Data Integrator

Oracle Data Integrator (ODI) is a best-of-breed data integration platform focused on fast bulk data movement and complex data transformations. ODI is mature, proven, flexible and rich in features and capabilities. It boasts a vast range of pre-built connectors to databases, object stores, big data and applications (both standalone and SaaS), as well as the ability to customize existing connectors or build new ones from scratch. It delivers high performance, scalability and reliability. Available for deployment on premises, in the Cloud and in hybrid configurations, ODI delivers on your data integration requirements wherever you may be in your Cloud journey.

Oracle Data Integrator is fully integrated with the Oracle technology stack, including Oracle Cloud Infrastructure (OCI), Oracle Autonomous Database, Oracle Database Cloud Services, Oracle Analytics Cloud (OAC), Big Data Service (BDS), OCI Object Storage, Exadata Database Machine, WebLogic Server, and Oracle Applications.

Oracle continues active development of ODI, including:

- Availability for deployment in Oracle Cloud Infrastructure (OCI) via an OCI Marketplace Image.
- Optimization for loading data into Oracle Autonomous Database (ADB).
- Maintenance and expansion of ODI's extensive library of pre-built connectors to databases, data stores and applications (whether on premises or Cloud-based / SaaS).
- Protection of customers' investments during upgrades, allowing customers to benefit from new features without having to re-define existing integration configurations.
- A new, modern web-based user interface for defining transformations that is complementary to the trusted ODI Studio.

## CURRENT RELEASE

### Cloud Deployment

The latest version of ODI is available on Oracle Cloud Infrastructure (OCI) via the OCI Marketplace. This Marketplace image uses a Terraform script to enable simple, fast and reliable deployment.

Refer to the ODI Marketplace listing details to learn about new features in the cloud version.

### On Premises Deployment

Oracle continues to release new versions of Oracle Data Integrator for on premise installations. Consult the "What's New" document to learn about new features in any release.

### Software Maintenance and Support

Whether deployed on premises or in OCI, ODI is the same fundamental technology. As software revisions (patches) are made available, they are applicable in either environment.

## EXTENSIVE CONNECTIVITY

### Optimized for Autonomous Database

ODI is the perfect tool for loading data into Oracle Autonomous Database (ADB), whether on shared or dedicated infrastructure, and whether configured for data warehousing (Autonomous Data Warehouse – ADW) or transaction processing (Autonomous Transaction Processing – ATP). ODI's connectors have been optimized for these Autonomous Database targets. Examples of these optimizations include:

- During provisioning all Autonomous Databases in a customer's tenancy are detected and secure connections are automatically configured.
- The ODI repository will deploy in an Autonomous Database by default.
- Special ODI "Knowledge Modules" (KMs) are provided for loading data from Object Storage in OCI, AWS and Azure.

### Connectivity to Data Stores

ODI's extensive library of connectors to Data Stores, such as databases, object stores, big data and NoSQL data stores is actively maintained and continues to expand.

### Connectivity to Applications

ODI has a wide range of connectors to major applications. This includes on-premises applications such as Oracle E-Business Suite, Siebel, Peoplesoft, JD Edwards and SAP as well as major SaaS applications such as Oracle Fusion, Oracle NetSuite, Salesforce and many more.

## PROTECTION OF INVESTMENT DURING UPGRADES

Oracle recognizes that customers have invested extensively in their data integration solutions based in ODI. To protect this investment, Oracle provides clear migration and upgrade paths to ensure that these solutions continue to work following upgrades from previous versions. This allows customers the freedom to run the latest version of ODI without compromise, whether deploying on premises, in Oracle Cloud Infrastructure, in other clouds or some combination of these. Data integration configurations may simply be migrated from ODI deployed on-premises to ODI in the OCI Marketplace, where they will continue to work unchanged.

## NEW WEB-BASED INTERFACE FOR DEFINING MAPPINGS

Oracle intends to release a new, modern web-based interface for defining mappings and transformations. While providing access to the full underlying power and capability of ODI, this will be easier to use than ODI Studio and more accessible to a less technical user base.

This will be complementary to ODI Studio, which continues to be fully supported.

## BUILT INTO ORACLE AUTONOMOUS DATABASE (ADB)

Integrated data mapping and transformation features are planned for Autonomous Database. These will build on the rich heritage of ODI, including the new web-based mappings and transformations UI. Consistent with the theme of *Protection of Investment* (covered above), ODI configurations may be migrated directly into ADB. The ODI Studio will continue to be supported, alongside the new web-based UI.

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