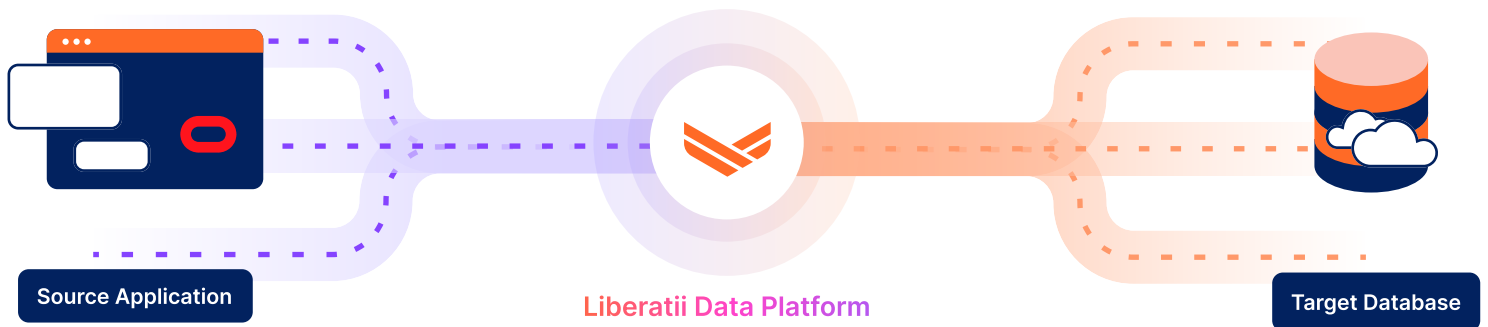## Overcoming the Oracle Database Migration Challenge

Migrating away from Oracle databases is a complex task for enterprises, often requiring the rewriting of millions of SQL code lines. This can drain time and resources while introducing significant risks to your business operations.

A common obstacle is the 80-20 rule of database migrations: while the first 80% of the process may appear straightforward, the final 20% is where complications arise, driving up costs, increasing risks, and causing delays.

Liberatii transforms this process with its innovative virtualization platform. Our solution not only migrates schema and data, but also enables your Oracle-based applications to run seamlessly on modern cloud databases, such as AWS RDS for PostgreSQL, Amazon Aurora, or Azure Database for PostgreSQL/MySQL, with zero code changes. Reduce complexity, eliminate risk, and accelerate your path to cloud with Liberatii.

Liberatii: Your gateway to database freedom.

Source Application → **Liberatii Data Platform** → Target Database

Core Design Principles

1 No Code Change

Liberatii operates without accessing or modifying your application code. It supports any application dynamically linked with database connectivity libraries, including JDBC, OCI, Pro*C, and ODBC.

2 No Compromise on Performance

Liberatii provides high performance with very low latency, allowing applications to run smoothly without any degradation in database performance.

3 100% Application Correctness

Liberatii assures application correctness and data integrity. Your applications will behave identically on the target database as they did on the source database, ensuring reliable operations.

Why Choose Liberatii

1 No More Oracle Licenses

Free your enterprise from the constraints of Oracle database licensing and the risks of being audited by Oracle.

2 Faster Migrations with Confidence

Migrate to modern cloud databases in weeks, not years, with minimal risks to your business

3 Zero Code Rewrite

Maintain your existing app business logic without the need for extensive rewrites.

4 Cost Savings

Liberatii streamlines migration from Oracle to open-source or cloud databases, cutting Oracle licensing and infrastructure costs for long-term savings.

Platform Features

Extensive PL/SQL Compatibility

Extensive PL/SQL compatibility, allowing Oracle-based applications to run smoothly on cloud databases

Low-latency Performance

Experience low-latency performance with real-time SQL and data translation for efficient database operations.

Enterprise-grade SLAs

Robust service level agreements guaranteeing performance, reliability, and availability for your mission-critical applications.

Automated Schema and Data Migration

Accelerate your migration process with automated schema and data migration to cloud databases.

Near-zero Database Downtime

Minimize downtime with Liberatii's Change Data Capture, ensuring uninterrupted business operations.

Advanced Monitoring Capabilities

Gain real-time insights and control over your database operations with advanced monitoring features.

Migration Process

1 **Database Migration Assessment**
- ✓ Non-intrusive assessment
- ✓ Evaluate dimensions, nature, and complexity
- ✓ Estimate timeline and costs

2 **Configuring and Deploying Liberatii**
- ✓ Tailor to specific migration needs
- ✓ Prepare platform for migration

3 **Schema Migration**
- ✓ Migrate tables, indexes, views, stored procedures
- ✓ Emulate Oracle schema functionality

4 **Data Migration & Synchronization**
- ✓ Scalable data pipelines for large-scale migrations
- ✓ Change Data Capture (CDC) with zero database downtime

5 **Workload Replay & Testing**
- ✓ Simulate realistic scenarios
- ✓ Verify functionality and assess performance

6 **Switchover & Monitoring**
- ✓ Change the source application connection to Liberatii platform
- ✓ Monitor new system closely
- ✓ Setup reverse CDC pipeline for sync

How to get started?

Visit liberatii.com/get-started and register your interest to begin a free, non-intrusive Oracle database migration assessment.
During the assessment process, your data stays fully secure within your environment and never leaves your tenant. By the end of this assessment, you will:

1 Discover how much you can save by moving off Oracle using the Liberatii Data Platform.

2 Receive a detailed estimate on the time and cost to migrate your entire Oracle estate.

3 Determine whether you qualify for a funded Proof of Concept sponsored by cloud hyper-scalers (terms and conditions apply).

Take the first step towards an efficient, seamless Oracle migration with Liberatii today!

liberatii.com/get-started

Innovation Centre, 2 Venture Rd, Chilworth, Southampton SO16 7NP, United Kingdom

info@liberatii.com
+44 23 8038 5182
www.liberatii.com