



# Mimer SQL

## A Major Mexican Retirement Fund Manager Migrates from Oracle Rdb to Mimer SQL

### Challenge

A leading Mexican retirement fund manager, responsible for millions of client records and transactions, relied on Oracle Rdb 7.2 running on OpenVMS 8.4 on IA-64 hardware. While Rdb had served them well for many years, several challenges emerged:

- **Aging platform:** IA-64 physical servers running OpenVMS 8.4 had reached end-of-life, creating operational and support risks.
- **Scale and complexity:** The environment consisted of **56 databases with 2,560 tables** (about 1,500 active), containing more than **11.5 billion records**.
- **Application dependencies:** More than **3000 programs** accessed the data, using a mix of IBM DataStage, JDBC, direct SQL queries, and embedded SQL in COBOL.
- **Regulatory compliance:** Data had to be reliably processed and reported to Mexican financial authorities, with zero tolerance for disruption.

The organization needed a secure, future-proof migration path that would minimize disruption while ensuring high performance and regulatory compliance.

### Solution

The customer selected **Mimer SQL 11.0** as the next-generation database platform, deployed on **OpenVMS 9.3 for x86-64**, virtualized under VMware.

Key factors in the decision included:

- **Smooth migration from Rdb:** The **Mimer SQL Migration Toolkit** provided automated export, conversion, and import of data, along with automated conversion of embedded SQL in COBOL.
- **Standards conformance:** Mimer SQL's SQL standards compliance—among the strongest in the industry—ensured that SQL queries and JDBC applications could be migrated with minimal rework.
- **Comprehensive support for application integration:** With a native **JDBC driver**, existing Java-based applications could be transitioned without modification.
- **Future-proof infrastructure:** Migrating to x86-64 virtualized hardware provided a modern, flexible, and fully supported platform, extending the life of OpenVMS deployments.

## Results

The migration delivered both operational continuity and performance improvements:

- **Seamless transition:** 56 databases, 2,560 tables, and 11.5 million records were migrated successfully with minimal disruption.
- **Application compatibility:** More than 300 programs were converted using the toolkit, with COBOL and DataStage integrations fully preserved.
- **Performance boost:** Batch jobs ran more than twice as fast compared to the legacy Rdb environment.
- **Proven x86-64 readiness:** Mimer SQL has long been available and supported on OpenVMS for x86-64, giving the customer immediate access to modern infrastructure without waiting for future product roadmaps.
- **Reduced costs:** By moving away from Oracle Rdb, the organization lowered total cost of ownership while gaining vendor independence.
- **Regulatory compliance assured:** The new Mimer SQL environment continued to deliver the reliable, auditable reporting required by authorities.

## Why Mimer SQL?

For this retirement fund manager, the decision to move to Mimer SQL was about more than just replacing an aging database. It was about securing a **future-proof platform** combining:

- **Availability on x86-64 OpenVMS** — ready for today's infrastructure
- **Best-in-class SQL standards conformance**
- **Migration tools** that simplify complex projects
- **High performance and scalability** for mission-critical workloads
- **Long-term OpenVMS support** on modern hardware

By migrating to Mimer SQL, the company not only preserved but enhanced its ability to manage millions of daily transactions with confidence.