



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.