INFOLOB

From Chaos to Operational Excellence: **Success of a Globally Leading Investment Management Industry with Oracle Exadata Implementation**

A leading global investment management firm, managing over $2 trillion in assets across diverse portfolios faced critical performance and operational challenges. The firm needed real-time access to critical data, portfolio analytics, performance scaling, and high availability. The existing legacy hardware has threatened their sustainability and business continuity that halted their operations.

Forefront Challenge

The firm's existing database infrastructure had reached its performance ceiling. The challenges include performance bottlenecks during peak trading hours, high availability requirements that halted global operations, operational complexities, and regulatory compliance concerns due to legacy hardware.

Partnership with INFOLOB

INFOLOB designed and implemented a comprehensive Oracle Exadata solution tailored to the investment management firm's specific requirements. The Exadata migration leveraged its unique features with smart scan technology, storage indexes for improved performance, SQL queries for the new platform, Oracle RAC across multiple Exadata nodes, configured Data Guard for disaster recovery, ensuring zero data loss and minimal downtime.

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Implementation Highlights

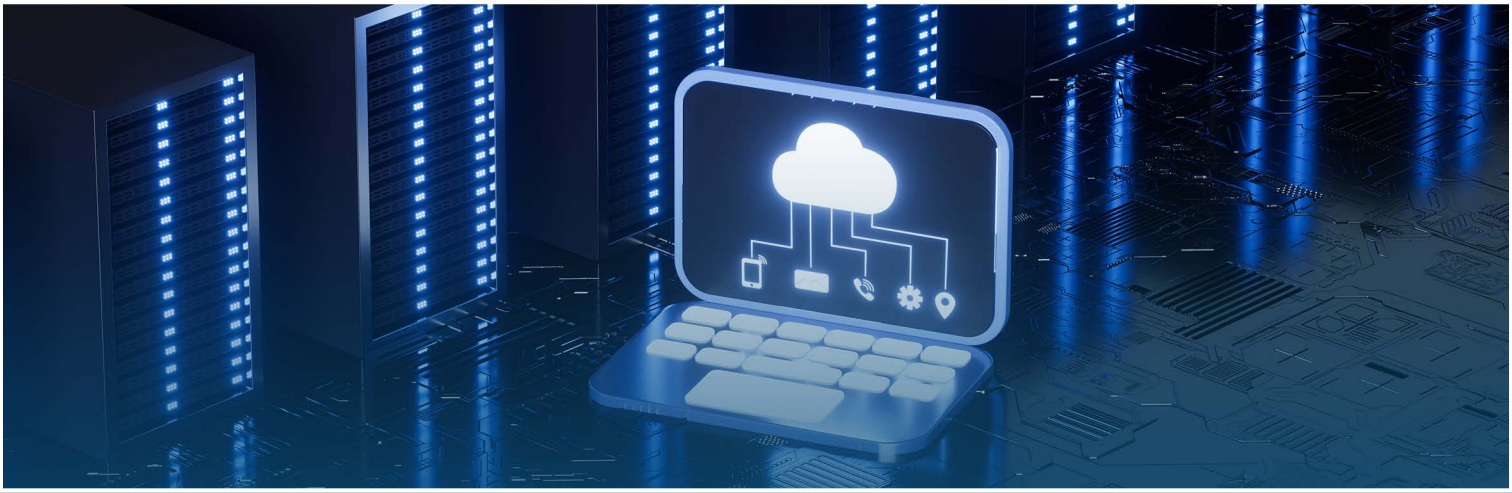
Area	Key Achievements
Architecture Design & Migration	Executed a phased migration strategy ensuring zero data loss and minimal downtime using Oracle migration utilities.
Performance Optimization	Configured Smart Scan, Storage Indexes, and Hybrid Columnar Compression, achieving up to 10x faster query performance and 70% storage reduction across analytical workloads.
High Availability & Resilience	Implemented Oracle RAC across Exadata nodes and Data Guard for cross-region disaster recovery.
Security & Compliance Framework	Enabled Advanced Security, Database Vault, and role-based access control for full regulatory compliance.

Value Delivery

Data processing capabilities were improved by 300% and eliminated unwanted system outages through planned migration. Database administration overhead has decreased by 50% through automated management features while enabling greater business agility.

Conclusion

Our commitment to addressing customer challenges ensures in maximizing their technology investments while building internal capabilities for long-term success. This strategic approach to database modernization exemplifies how INFOLOB helps organizations transform their data infrastructure to drive business value and competitive advantage.



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