

A Smarter Way to Replicate at Scale

Data volumes are growing. Replication tools are not.

As data volumes grow, current replication solutions are becoming expensive, slow, and unscalable — resulting in operational risks and rising costs. Most SaaS tools are metered by volume and struggle to scale — leaving organizations with bottlenecks, lag, and rising risk.



THE PROBLEM

Why Enterprises are Struggling



Escalating Costs

SaaS tools triple in cost as data doubles. Volume-based billing grows unpredictably.



Replication Lag

High data volumes delay downstream systems, reporting, and analytics.



Business Impact

Delayed payment & shipping integrations translate directly to lost revenue.

THE ARCHITECTURE

A Smarter, Native Replication Approach



Capture

Real-time detection



Replay

Logical file replay



Distribute

Async multi-target



Scale

Parallel processing

THE SOLUTION

Buchanan's Enterprise Data Replication Agent

Purpose-built for high-volume, high-velocity enterprise data environments.



Faster Than Conventional Tools

Optimized replication times keeps pace with even the highest enterprise data volumes.



Enterprise-Scale Performance

Fast, efficient initial full loads with optimized ongoing replication.



Fixed-Fee, Predictable Costs

No volume-based metering. A fixed-fee structure that stays flat as data grows.



Cross-Enterprise Flexibility

Supports multiple use cases — from ERP replication to feeding enterprise data lakes.

REAL BUSINESS OUTCOMES

Deployed & Proven in Production

In collaboration with a major enterprise retailer, Buchanan has designed and deployed a replication solution that delivers substantial performance and cost improvements.

Oracle → Oracle

Replication of ERP data to reporting, integration, or operation databases.

SERVICES APPLIED

- Oracle Database Optimization
- Enterprise Application Enablement
- Custom Data Replication Architecture Design

BUSINESS VALUE

- Near-real-time data availability
- 80% reduction in replication costs
- Stable performance at peak TX volumes

Oracle → Databricks

Feeding enterprise data lakes for Analytics, Business Intelligence, and advanced reporting.

SERVICES APPLIED

- Enterprise Data Services
- Oracle-to-Cloud Data Integration
- Performance Tuning for High-Volume Data

BUSINESS VALUE

- Faster analytics & business insights
- Reliable large-volume data ingestion
- Eliminated replication lag in decisioning

RESULTS THAT MATTER

The Numbers Speak for Themselves

20TB+

Replicated in Hours
vs. days with legacy tools

\$2m+

SaaS Costs Eliminated
year-over-year for enterprise

Need Help with Your Data Replication Project?

With deep expertise across Enterprise Applications, Oracle Platforms, Database Optimization, and Data Services, Buchanan delivers more than just tools. The firm partners with clients to design, build, and manage customized data solutions that align with real business needs, and integrates proven platforms with custom innovation where required.



Enterprise Applications



Oracle Platforms



Database Optimization



Data Services