

# Modernizing Enterprise Data Platforms

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A Practical Roadmap to a Heterogeneous Data Architecture with ODI 14c

# D&T – Database & Technology

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Data Platform Modernization Specialists



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# Is Your Data Platform Ready for the Next 10 Years?



# What We See in Mature Data Environments

- Long-running ETL platforms
- Accumulated technical dependencies
- Layers of modifications
- Partial or outdated documentation
- Multiple generations of developers
- Increasing operational pressure

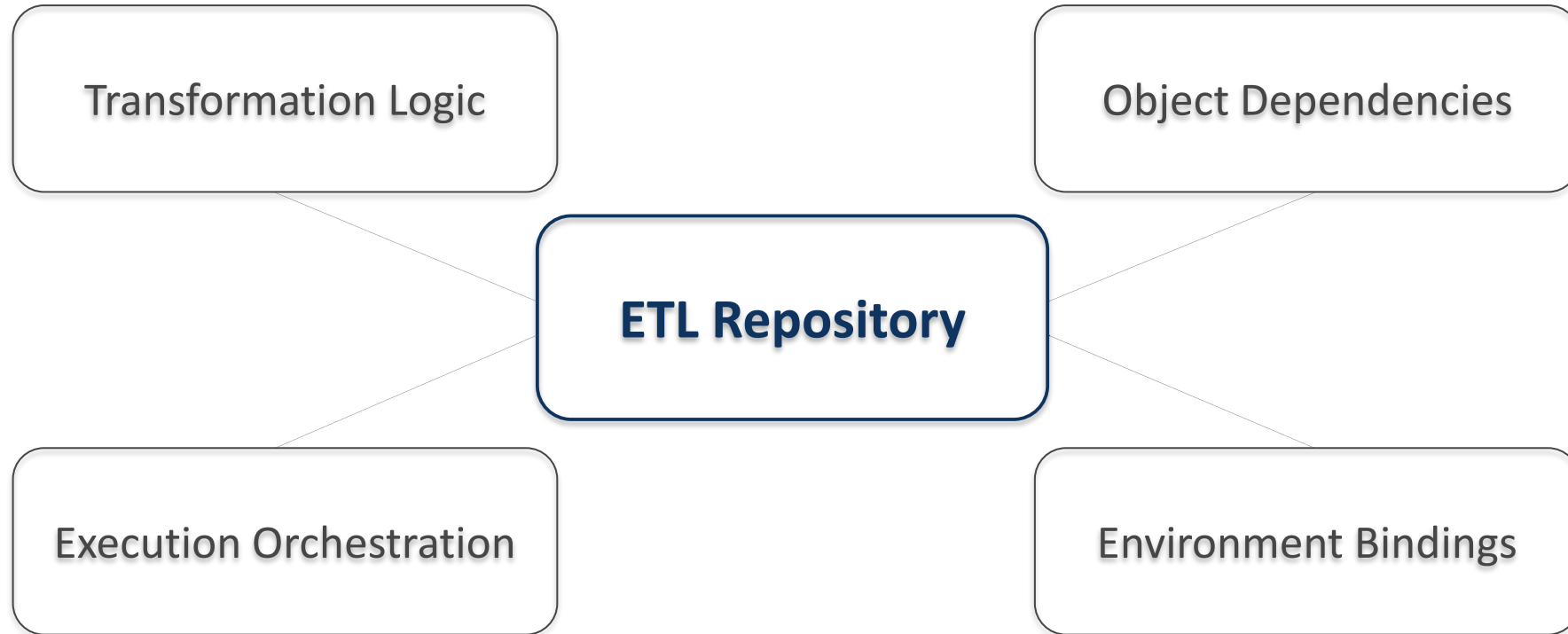


# The Real Difficulty of ETL Modernization

- It's not object conversion.
- Understanding transformation logic
- Hidden dependencies between jobs
- Execution order
- preserving systemic behavior.



# The ETL Repository Is Not Just Code



# How We Minimize Migration Risk

- Avoid Big Bang Migration
- Repository Assessment
- Dependency Mapping
- Parallel Validation
- Controlled Cutover



# Example: OWB to ODI Modernization

- Typical legacy scenario
- Oracle Warehouse Builder environments
- Large ETL repositories
- Complex process flows
- Often developed over many years by different teams





# Typical Migration Process

- Assessment: Analyze the OWB repository
- Conversion: Convert mappings and process flows
- Testing: Validate equivalent behaviour
- Parallel Run
- OWB and ODI operate together
- Production
- Switch to ODI

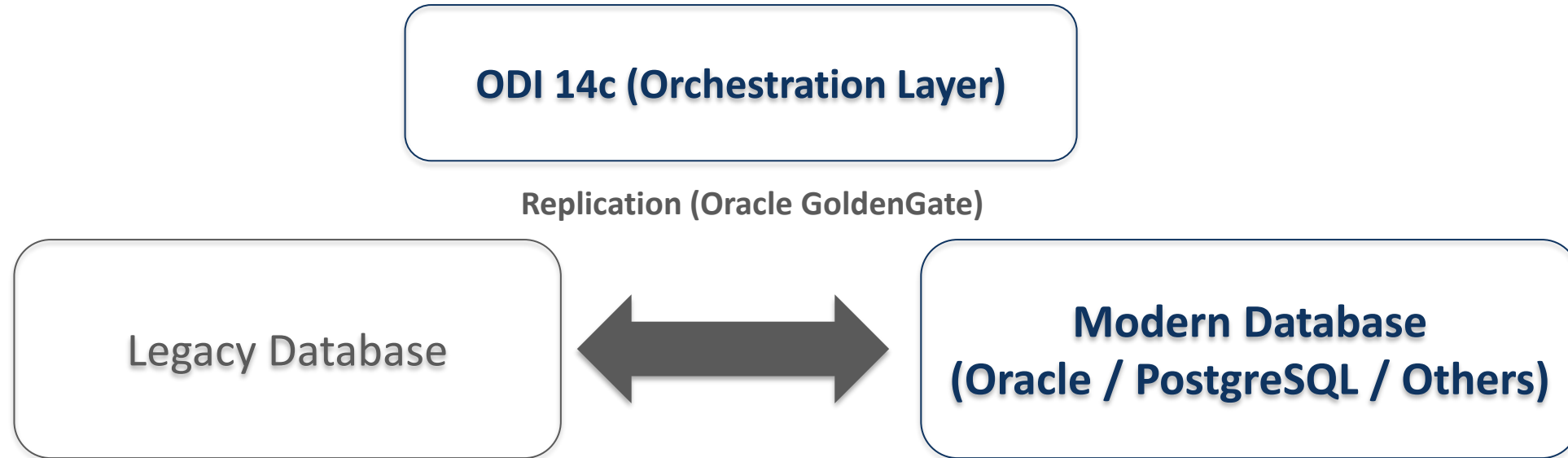


# Parallel Environment During Migration

- Legacy OWB system continues running
- ODI environment introduced gradually
- Results validated in parallel
- Operational risk minimized
- Controlled transition to the new platform



# Controlled Coexistence During Transition



# Gradual Modernization in a Heterogeneous Architecture

- Modernization is not a replacement strategy
- It is a controlled evolution of the data platform
- Modernize gradually
- Validate and maintain stability
- Much safer than redesign
- Technology evolves – Architecture evolves



# Your Modernization Journey Is Unique

Every platform evolves differently.

**The key is controlling the transition**

Let's discuss your scenario.



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