

## Legacy Licensing Costs Organizations Millions in Unnecessary Database Expenses

Nearly every IT team wants to reduce their database licensing costs. However, with the complexity and scale of database migrations, especially those with lots of code to transform, many can't afford to move. Tools like the AWS Schema Conversion Tool (SCT) help automate a portion of the conversion, but still require manual intervention by experts, extending payoff timelines.

## Save on Costs by Adopting Open Databases in Half the Time with Generative AI

A proprietary tool utilizing GenAI to accelerate common yet complex migration and modernization processes – eliminating the undifferentiated heavy-lifting. It unlocks cost savings and speed with AI-powered database modernization, backed by Caylent teams.

## Where We Can Help



### Automated Code Conversion

Convert proprietary database code to open-source platforms by automatically translating stored procedures and complex SQL with minimal manual intervention



### Migration Risk Assessment

Identify potential migration roadblocks through AI-powered analysis of your database code, providing transparency into complexity before you commit



### Performance Optimization

Enhance database speed through intelligent code refinement that makes procedures run faster on open platforms than on proprietary systems



### Cost Reduction Analysis

Calculate precise ROI timelines showing how quickly your migration investment will pay off through eliminated licensing fees and reduced costs

## Our Approach

### Plan & Design

Create migration architecture using our proven AWS-based framework or custom patterns

### Launch & Deploy

Deploy with monitoring and expert intervention for complex edge cases beyond AI capabilities

01

### Discover & Define

Evaluate database systems and identify high-value migration targets for maximum cost savings

02

### Build & Validate

Convert code automatically, test thoroughly, and iteratively improve translations until successful

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### Manage & Extend

Transfer knowledge and provide support to maximize ROI from your new database platform

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## Deliverables

### Operational Open Database

Our process leaves you with a working Aurora or Redshift database integrated into your environment

### Translation Test Results

Pre-configured Foundation Models with performance tuning and responsible AI guardrails

### Documentation and Training

Functional prototype demonstrating key video understanding capabilities for your use cases

## Customer Story

Generative AI

Migrations

### Challenge

A software company specializing in home and field services needed to reduce their SQL Server licensing costs while maintaining performance across five database clusters with 2,500 stored procedures.

### Solution

A GenAI-powered migration that automated 70% of the conversion process while maintaining compatibility with existing T-SQL workflows through Amazon Babelfish.

### Results

A 90% reduction in migration time compared to manual efforts, retirement of 1,850 unused procedures, and projected monthly database cost savings of approximately 77% with maintained performance.

## Let's Get Started

Caylent Accelerate™ for DB Modernization can help you rapidly break free from expensive licensing costs and modernize your database infrastructure in half the time.

Whether you're exploring migration options, need a comprehensive assessment of your database estate, or are ready to convert thousands of stored procedures to open-source alternatives, our GenAI-powered solution delivers proven results with minimal disruption.

