



## Case Study

**Slashing Dashboard Load Times by 50%  
and Infrastructure Maintenance Costs by  
30% via Enterprise Qlik Sense SaaS Migration**

# Client Overview

Large-scale manufacturing and building material enterprises depend on real-time data visibility across supply chains, plant operations, and commercial sales networks. This case study outlines the cloud analytics modernization executed for India's premier cement manufacturer. By transitioning 20 legacy QlikView applications to Qlik Sense SaaS through a structured 3-phase migration and DAR design framework, the organization successfully eliminated on-premise hardware dependencies—cutting dashboard load times by 50%, reducing new report development cycles by 75%, and lowering annual infrastructure maintenance expenditure by 30%.

## The Challenge?



### Infrastructure Cost & Maintenance

Growing data volumes required recurrent hardware investments and heavy ongoing IT maintenance overhead.



### Data Processing Latency

Slow query speeds and delayed visual rendering when analyzing large manufacturing, sales, and logistics datasets.



### Rigid User Experience

Outdated legacy BI software lacked modern self-service data discovery, natural language search, and automated chart suggestions.



### Reporting Inefficiencies

Teams spent extensive manual hours compiling periodic review decks due to the absence of integrated storytelling features.

# Solution Delivered



## Enterprise Cloud Migration

Re-platformed 20 QlikView applications across Sales, Finance, Logistics, and Procurement into Qlik Sense SaaS.



## 3-Stage Transition Framework

Managed end-to-end execution across App Assessment, App Conversion, and Cloud Refactoring phases to ensure data integrity and zero business



## DAR UX Standardization

Implementation of three distinct extraction strategies (SQL queries, Procedures & Functions, and Materialized Views) for comprehensive data capture.



## Automated Business Logic Integration

Applied the Dashboard, Analysis, and Report framework to standardize cross-functional data consumption.



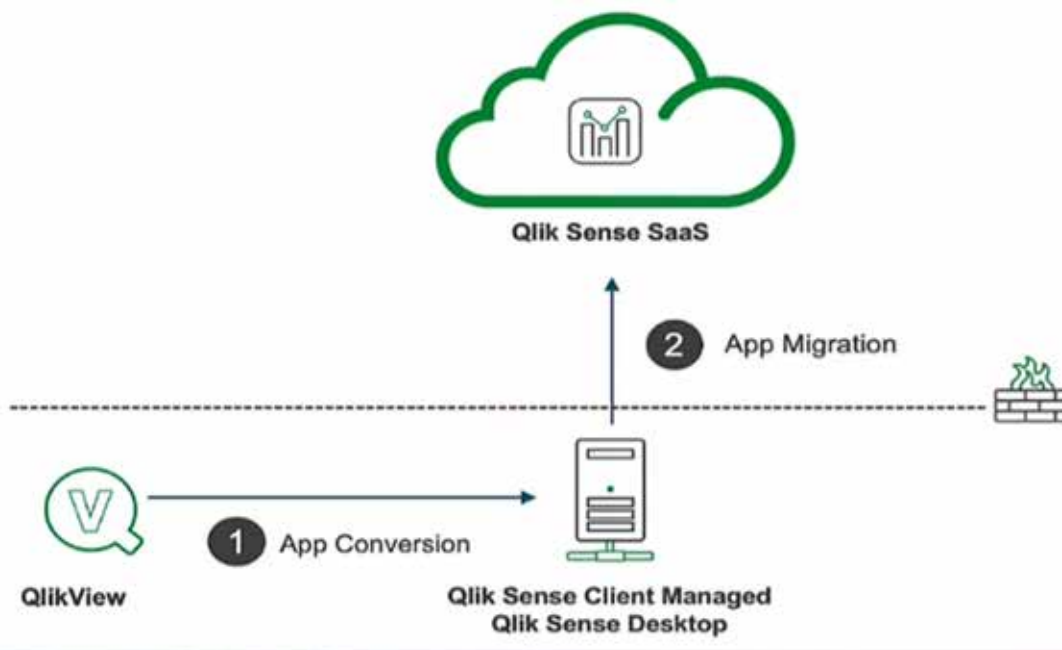
## Augmented Intelligence Deployment

Enabled AI Insight Advisor, NLP search bars, and intelligent visual suggestions for self-service inquiry.



## User Training & Enablement

Facilitated operational workshops focusing on collaborative note-taking, subscription triggers, and native storytelling tools.



## The Impact

### 50% Faster Dashboard Response

Halved query and rendering times, optimizing user access speeds across regional offices.

### 75% Shorter Development Timeframes

chart recommendations and replaced manual presentation prep with native storytelling.

### **30% Direct Infrastructure Savings**

Lowered total cost of ownership by eliminating on-premise hardware provisioning and dedicated server administration.

### **Modernized Business Intelligence**

Empowered business users with true self-service data discovery, dynamic alerting, and automated cross-departmental reporting.

## **Outcome**

Migrating legacy on-premise reporting environments to a modern cloud SaaS platform is essential for manufacturing leaders seeking agility and cost optimization. By combining a 3-phase migration model with modern DAR design principles on Qlik Sense SaaS, this premier cement enterprise eliminated technical debt and empowered business teams with real-time, AI-assisted decision intelligence at scale.



## Interested in a customized solution designed to meet your unique requirements and achieve comparable results?

At Exponentia.ai, we partner with businesses to address complex data challenges and build trust in enterprise data. Our approach helps organizations streamline data management, improve visibility, and empower teams with reliable insights for better decision-making.

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