



# SEAMLESS MIGRATION TO IBM DB2 FOR GREATER EFFICIENCY



## OVERVIEW

A multinational automotive company transformed its business processes by migrating from an outdated MS SQL database to IBM DB2. MicroGenesis managed the migration, transitioning the infrastructure from on-premises servers to the cloud, enhancing scalability and resilience. The comprehensive process ensured improved system performance and access to advanced features in IBM ELM 7.0.3.

## THE CHALLENGES

Operating with an outdated on-prem MS SQL database, the automotive company faced multiple pain points

### Unsupported Infrastructure



The legacy database and operating systems will no longer be receiving security patches or updates, creating vulnerabilities.

### Slow System Performance



The company struggled with sluggish data processing speeds that impacted daily operations and project execution.

### Limited Feature Access



Stuck on IBM ELM version 6.x, they couldn't tap into new capabilities offered by the latest version (7.0.3).

# THE SOLUTION

MicroGenesis delivered a seamless phased migration approach, overseeing that the entire system migration to IBM DB2 aligned with the client's goals of maintaining cost-efficiency and minimizing disruption.

## Full-stack migration to DB2



As DB2 was bundled with IBM's ELM suite, the client saved on licensing fees, making it a cost-effective choice.

## Application Migration



Transitioned applications from outdated hardware and OS to a modern infrastructure with new hardware and OS, boosting system stability.

## ELM Upgrade



Upgraded from ELM 6.x to 7.0.3, enabling access to advanced features and better system integration.

## Data integrity checks



Every step of the migration process was meticulously verified to ensure data accuracy and consistency.

## Minimized downtime



The migration was planned and executed to minimize downtime, allowing business operations to continue with little interruption.



# KEY OUTCOMES

With the successful migration to IBM DB2, the company immediately noticed improvements across its operations. From enhanced system performance to future-proof infrastructure, the transition allowed the company to overcome the limitations of their legacy systems.

## Improved system speed



Query speeds and system performance saw a notable 3x boost, reducing the delays that previously impacted project timelines.

## Future-proof infrastructure



Post-migration Microgenesis helped the company to upgrade to ELM version 7.0.3, unlocking access to new features and better system integration.

## Increased security



With a modern, supported infrastructure, the company could apply regular updates and security patches, protecting its data and systems.

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