MICRO GENESIS

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A multinational automotive company transformed its business processes by migrating from an outdated MS SQL database to IBM DB2.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Operating with an outdated on-prem MS SQL database, the automotive company faced multiple pain points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Transitioned applications from outdated hardware and OS to a modern infrastructure with new hardware and OS, boosting system stability.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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