EDB

How Oracle to Postgres Migration Transforms Businesses: **3 Must-Read Success Stories**

3 MUST-READ SUCCESS STORIES

Want to see for yourself what Postgres is capable of? Here, we'll share the success stories of three EDB customers who kicked their old database to the curb, modernized their infrastructure, and experienced the full potential of Postgres.

1. **METASPHERE**
   EDB and Postgres reduce licensing costs and accelerate user experience

2. **MDS GLOBAL**
   EDB powers application modernization backed by Postgres' agility and cost-efficiency

3. **ATU**
   EDB provides enhanced support, while Postgres minimizes downtime and erases vendor lock-in during a major transformation project

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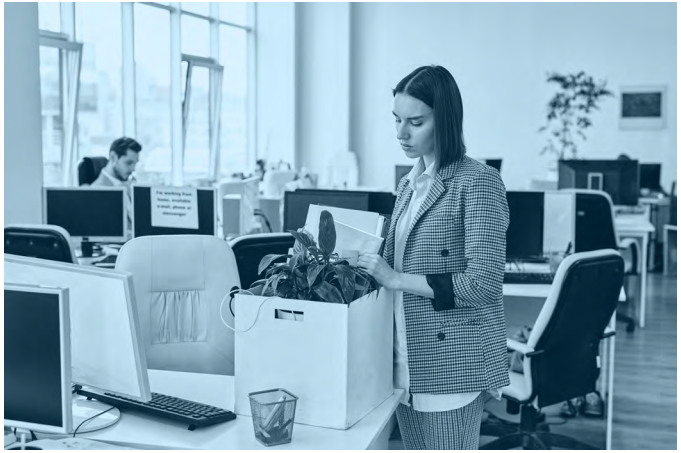
INTRODUCTION

Industry innovators and market leaders are moving on from Oracle. Restricted by vendor lock-in, licensing, and constantly-rising costs, the need for an alternative is clear.

That's why so many are turning to Postgres. With its reputation for flexibility, availability, agility, and consistent performance, Postgres has cemented itself as the ideal solution to the limitations of legacy proprietary database management systems (DBMS)—not to mention it's the most loved and most wanted open source DBMS among developers.

Not only that—with 80% of IT leaders today expecting to increase their use of enterprise open source software for emerging technologies, Postgres represents the future of the $80 billion global database market (according to Gartner).



metasphere

About Metasphere

Metasphere is a global organization that specializes in remote telemetry solutions.Major utilities, government agencies, and system integrators use Metasphere's solutions to proactively monitor and maintain their infrastructure, enabling them to preemptively identify and rectify issues before they cause damage, and also to react to emergencies more quickly. Metasphere provides solutions for the collection, processing, visualization, and reporting of data and information for customers around the world.

Challenge: Accelerate expansion without exorbitant spending

With global expansion in mind and growing demand for a cloud-based platform from prospects and customers, Metasphere faced a rising need to reevaluate its technology foundation in order to accelerate expansion plans. While the company's telemetry platform relied on Oracle to process the volume, frequency, and complexity of Metasphere's devices, the organization began to face unprecedented pushback on its Oracle-based offering—both in pricing and flexibility. International expansion also uncovered another challenge—the desire of Metasphere's customers to keep data in-country.

> ***"Oracle's core-based licensing dramatically increased the cost of our solution. In-country data requirements meant that we couldn't offer a hosted solution to some international clients unless we moved to Amazon Web Service (AWS).***
>
> **Chris Fryatt**
> Director of Product Management at Metasphere

Solution: Make the Postgres move with EDB Postgres Advanced Server

Metasphere turned to PostgreSQL when the company needed to reduce costs while embracing the cloud infrastructure critical for its future growth. With EDB Postgres Advanced Server, Metasphere now has achieved a cost-effective, cloud-friendly foundation without sacrificing the scalability and performance its data-intensive application requires.

Result: Metasphere protects customers and expands its reach

With the help of EDB, Metasphere successfully migrated both hosted and on-premises environments from Oracle to PostgreSQL without customer disruption. As a result, they expanded the market opportunity for their next-generation Canvas platform with the ability to offer both a lower-priced on-premises solution built on PostgreSQL as well as a cloud-hosted offering for regulators and smaller organizations. Additionally, they experienced improvements in both user response times and speed to access data within their platform. Finally, this migration allowed Metasphere to dramatically reduce licensing costs for both them and their clients.

Key Takeaways

- Achieved a seamless move to Postgres with zero disruptions to business continuity
- Improved user response times and speed to access data
- Significantly reduced licensing costs

Products

EDB Postgres Advanced Server (EPAS)

Industry

Environmental Consultancy, Industrial Automation

MDS GLOBAL

About MDS Global

MDS Global provides business support systems (BSS) as a service for telecommunications companies around the world. Their solutions help companies manage all aspects of monetization, assurance, and customer steering for complex products and services. They offer a digital operating model in a DevOps context, which enhances stakeholder experiences and provides unprecedented business agility.

Challenge: Digitize services to better serve customers and expand market share

MDS Global made its name around a highly successful high-performance application that has been adopted by many of the world's largest telecommunications providers. As the company looked to expand into new markets, it was faced with two challenges: the legacy architecture of its flagship product—which was based on a DB2 database management system—was proving to be a detractor in sales cycles, while a companion application architected on Oracle was too costly for the emerging markets MDS Global was targeting for its next phase of growth.

"We were looking to expand our reach both globally and into smaller telecommunications providers. These smaller customers had different budget expectations, so we also needed to figure out how to reduce costs." - MDS Global CTO Stephen Randall

The team recognized the opportunity not only to eliminate prospect concerns, but also to provide more deployment flexibility and accelerate development by embarking on a dramatic application modernization initiative. As part of that effort, MDS Global embraced virtualization and allowed CMP to run on virtually any hardware platform. That also enabled MDS Global to move away from DB2 as an embedded database and adopt a more cost-efficient and widely-supported database: Postgres.

Solution: Re-architect the MDS Global signature platform for Postgres and migrate off of Oracle

As part of a comprehensive application modernization initiative, the team re-architected their flagship Cloud Monetisation Platform (CMP) to run on Postgres, which has not only provided customers much needed choice when it comes to hardware, but has given the development team more flexibility as they look at future growth. When it came time to move their second product, Spend Analyser, off of Oracle, they knew they needed assistance.

Result: Uninterrupted uptime and high availability across a global network

The cost advantages weren't the only benefits of the migration. Now, MDS Global's developers can easily spin up new environments—complete with the database and data—for development and testing. This makes it easier for developers to identify errors earlier and use EDB Support to gain comprehensive insights into the impact of changes.

Key Takeaways

- Modernized applications, providing greater development agility which has accelerated innovation
- Reduced solution costs, enabling MDS Global to more competitively target smaller companies and emerging markets
- Simplified maintenance burden thanks to the widespread availability of Postgres resources and the speed of community development

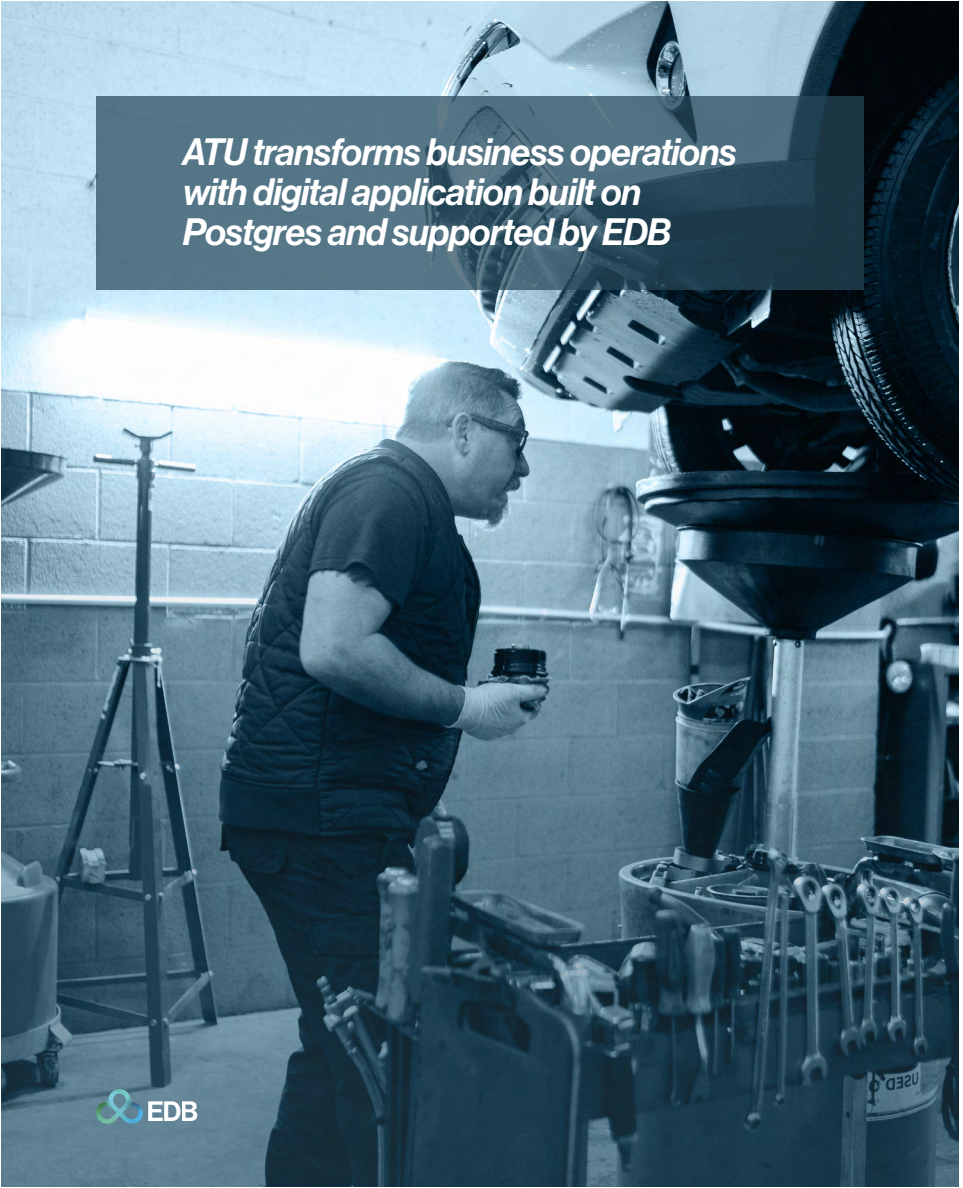
> ***"EDB's robust Oracle conversion tools significantly reduced the amount of work we would have spent on reducing the dependency on Oracle."***
>
> **Stephen Randall**
> MDS Global CTO

Products

EDB Migration Portal
EDB Support

Industry

Telecommunications



About ATU

ATU was founded in 1985 in Germany and has been a Mobivia brand since 2016. It has approximately 10,000 employees in Germany and Austria with 599 automotive repair workshops in both countries. The business is made up of physical workshops and an integrated online business, offering a wide range of car repair services, automotive spare parts, accessories, and fitting services.

Challenge: Build a modern digitized platform to host new applications and increase revenue stream

Since becoming part of the larger automotive products distributor Mobivia in 2016, ATU has been on a path to evolve and grow its revenue generating online business. Given that 50% of ATU's online business is based on key applications, it was essential that their database be robust and reliable. At first, ATU tried leveraging its legacy Oracle infrastructure to host the website's database servers. However, ATU soon realized that Oracle's complex licensing terms made it prohibitively expensive to roll out an agile online platform.

> ***"We needed a reliable partner who could help us reach and maintain 99.99% of availability for our commercial website, with dependable and immediate access to support staff in critical situations.***

Moataz Elmasry
Head of Databases and
Platforms at ATU

Solution: Adopt Community PostgreSQL with the support of EDB's Postgres experts

ATU decided to build the database from the ground up on PostgreSQL and adopted EDB's Standard Support package to ensure they had access to expert help when needed. The partnership with EDB gave ATU access to a number of enterprise tools to perform backup, recovery, replication, and 24x7 technical support, as well as the reassurance of four 9s of high availability for its commercial website application.

With the onset of the COVID19 pandemic, ATU's online retail platform became paramount in offering existing and new services to customers, particularly during the lockdowns. The company was able to implement new applications to enable a contactless shopping experience, where customers would use the click-and-collect service to order car parts online and pick them up at a convenient workshop without needing to come into physical contact with retail staff. Additionally, the pandemic brought out new services such as disinfecting fleet vehicles and rental cars, which helped drive new revenue streams for ATU.

Result: A modern, flexible, and affordable platform supported by an always-on partnership

By having an open database platform with a large community of contributors and supported by experts from EDB, the ATU team can concentrate on their future IT modernization plans reassured that a critical component of its IT architecture will remain available and have their flexibility to adapt to the evolving requirements of the business. Using the Backup and Recovery Manager from EDB for remote backups and disaster recovery enables the EDB's team of PostgreSQL experts to remotely monitor ATU's database performance, and detect and react more quickly to any potential issues. This has enabled ATU's IT team to focus on building applications that help the business respond to its evolving customer demands, without the need for an in-house DBA to look after the database.

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Key Takeaways

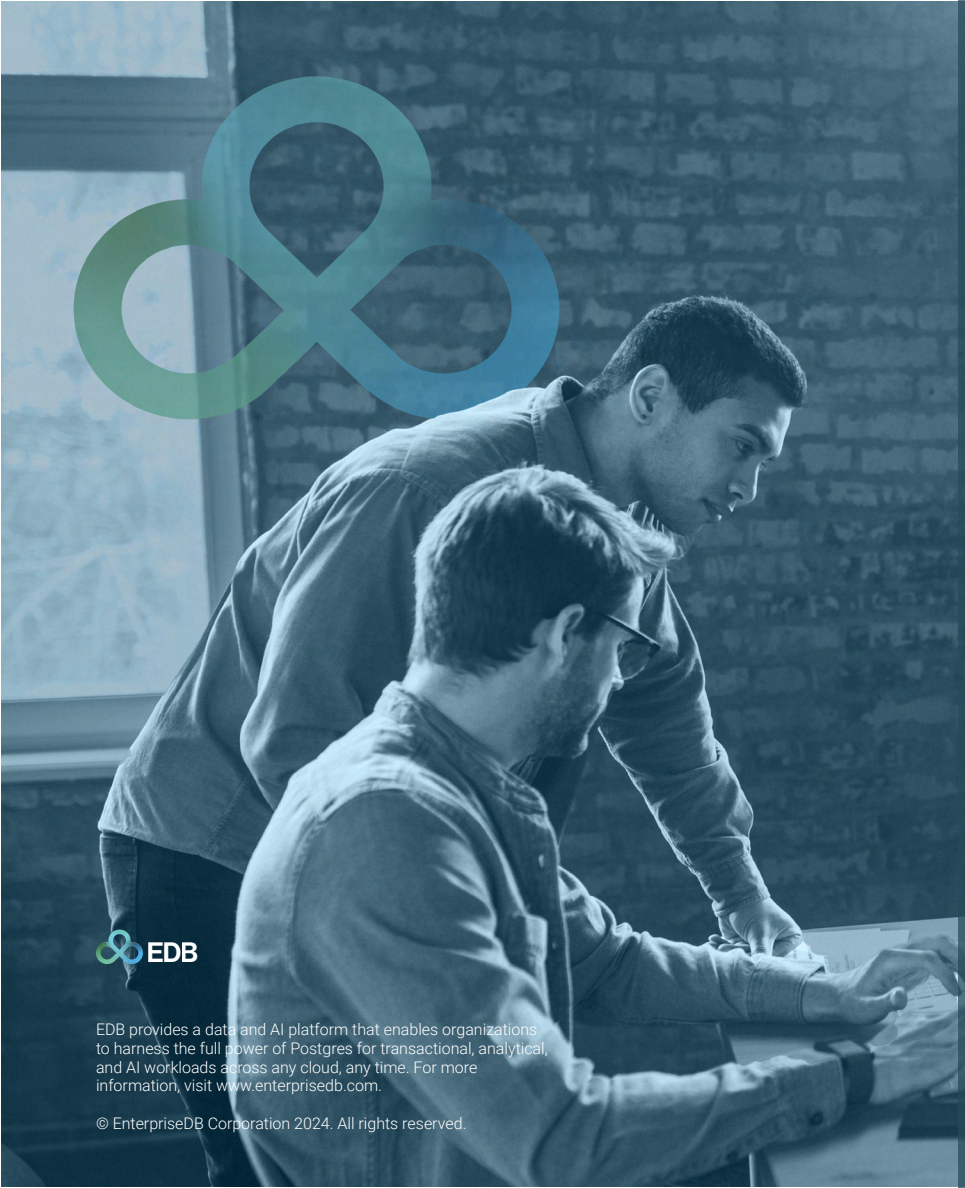
- Supplanted costly legacy Oracle database, successfully avoiding vendor lock-in
- Currently running millions of revenue-generating transactions with minimal downtime via online platform
- Achieved a reliable PostgreSQL database with four nines of high-availability, backup, recovery, and support
- Supports applications on top of the database without the need for an in-house DBA

Products

EDB BARMAN
EDB Standard Support Plan

Industry

FinTech, Payment Platforms



EDB provides a data and AI platform that enables organizations to harness the full power of Postgres for transactional, analytical, and AI workloads across any cloud, any time. For more information, visit www.enterprisedb.com.

Say goodbye to Oracle and hello to innovation

In an effort to survive an inherently challenging market and remain relevant, the world's leading organizations are moving to open source databases—and Postgres is their option of choice. They're making the Postgres move because Postgres provides all of the same capabilities as legacy systems and more, while offering immensely better economics. Defined by flexibility and freedom, Postgres gives you something Oracle never could: full control of your future.

Ready to start your migration? Learn more! »

About EDB

EDB provides a data and AI platform leveraging Postgres for transactional, analytical, and AI workloads across any cloud. Serving, 500+ customers globally, EDB supports major industries and contributes to the PostgreSQL community. EDB ensures high availability, security, compliance, and observability, helping enterprises modernize and scale efficiently.

Visit www.enterprisedb.com »