



CUSTOMER SUCCESS STORIES

Investing in the Future: Murex Maximizes Its Competitive Advantage with EDB Postgres[®] AI





CUSTOMER: MUREX

Arnaud de Chavagnac
Head of Product
Marketing at Murex

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OVERVIEW

Digital Transformation, Evolving Regulations and Disruptive Technologies are Reshaping the Capital Markets Landscape

The world of capital markets is continuously evolving. Globalization and growth from new geographic markets, new asset classes, increased regulatory pressures, cloud computing, the need for advanced trading analytics, and rising IT costs are driving financial institutions, wealth management firms, clearing houses and other organizations to [modernize their technology](#). The transformation is worth it, as McKinsey estimates the revenue benefit of a better data architecture could amount to as much as \$200 million a year for the top 12 banks, thanks to improved cross-selling, faster and smarter trading, and an enhanced ability to [launch new products](#).

Key Players in Capital Markets are Leveraging the Power of Open Source Postgres

Open source Postgres outpaces legacy and specialty databases in scalability, reliability, and flexibility, making it ideal for capital markets. Because Postgres can handle enormous transaction volumes and high write loads with low latency, it can successfully support high-frequency trading and complex real-time analytics. With the ability to scale across multiple servers, firms can easily distribute transaction processing for high-volume trading environments. Specialized features like multi-version concurrency control and snapshot isolation provide strong data integrity safeguards during periods of peak trading volumes and volatility. Plus it can be deployed in any cloud, giving you more control over your data. All these benefits and more make Postgres ideal for supporting the demanding data management needs of high-performance trading systems and make it possible to evolve with new trading methodologies.





Embracing Open Source and Cloud to Remain on the Cutting Edge

As a leading global software provider for capital markets and wealth management institutions dealing with complex financial instruments and high trade volumes, Murex offers a disruptive alternative to traditional asset management software. Since 1986, their integrated platforms have helped clients manage trading activities, mitigate risks, streamline operations, and effectively comply with regulatory requirements.

Known to stay on top of industry trends, Murex saw many capital markets firms gravitating toward open source and the cloud, and was determined not to lose current and prospective customers who preferred to use Postgres to run mission-critical applications. Their Murex MX.3 solution already ran on Sybase Oracle and Microsoft SQL Server databases, and the company prepared to transform their system so it would be compatible with Postgres too. Arnaud de Chavagnac, Head of Product Marketing at Murex, says:

"We witnessed a trend regarding open source. Customers want to leverage open source technologies because they don't want any vendor lock-in from a commercial vendor. Also in certain jurisdictions, there may be regulations mandating agnostic technology. These are the drivers that have convinced us to make the investment and transform our system, so that it's now also compatible with Postgres."

Murex' Traders Stay Ahead of the Market with EDB's 'Always On' Functionality

Downtime isn't an option for Murex's 60,000 trader and risk management clients, who rely on their specialized platform for trading, hedging, funding, risk management and processing operations. So in order to ensure optimal performance, high availability and seamless data migration and integration, Murex opted to use an enterprise database management system (DBMS) with Postgres.

"We wanted to give the best possible support to applications when running on Postgres, so we wanted to select the leader supporting Postgres open source database technology. This is why we decided to work with EDB," says Arnaud.

Another reason Murex selected EDB was its global presence. As Murex supports banks, asset managers, insurance companies, pension funds, hedge funds, corporations and energy utilities in over 65 countries, they wanted a support partner who was able to answer questions and resolve issues in any time zone. EDB was the perfect choice, with offices located everywhere from the UK to Australia and a dedicated support team with Postgres experts on call 24/7.

Joining Forces to Unlock the Open Source Advantage

After collaborating with EDB to integrate Postgres into their MX.3 platform, Murex offered their customers the choice of Postgres with EDB Community 360 or EDB's Standard Plan to maximize Postgres performance.

With EDB's support, Murex's customers can count on high availability for trading, which is essential for capitalizing on short-lived opportunities, managing risk, and meeting compliance standards for uptime. Without being locked into a legacy platform, Murex customers can quickly adapt to changing capital markets requirements, customer preferences and regulatory demands – all while keeping costs down.



Mapping Out the Path to Cloud

With many of Murex's customers looking to adopt the cloud to increase scalability, lower hardware expenditures, tap into cloud-based data analytics solutions and leverage innovative new applications, Murex has made cloud an essential part of their roadmap for the future. Murex is counting on EDB's expertise and experience to help their customers harness the benefits.

"Many of Murex's customers adopt the public cloud as an infrastructure, and we want them to have the best performance, stability, and security with Postgres running on public cloud. That's why we want EDB to accompany us when our customers run Postgres on their preferred cloud provider," says Arnaud.

With EDB as their support partner, Murex is able to continue its epic journey with Postgres as an open source database choice. Murex's story demonstrates how pivoting to meet current and future cloud and open source trends drives long-term success. By anticipating and addressing evolving customer requirements, organizations can build resilient systems that support continuous innovation, adaptability and growth.

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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.