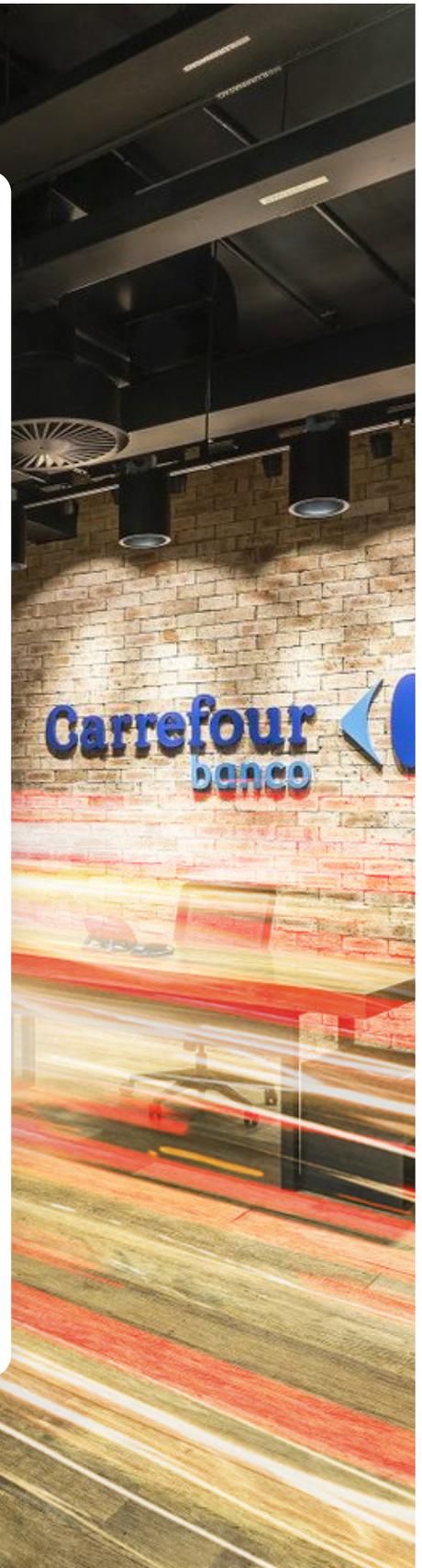




Banco Carrefour Uses Delphix to Accelerate Critical Business Initiatives and Ensure LGPD Compliance

Bank accelerates software releases,
reduces data risks, and eliminates
data infrastructure cost





Founded in 1989, Banco Carrefour is the financial services arm of Carrefour Brazil— one of the largest supermarket chains in the country with \$62.2 billion in revenue.

As part of the Carrefour Group, an international retailer operating more than 9,900 company-owned and franchise stores worldwide, Banco Carrefour is one of the largest credit card issuers in Brazil and offers financial and insurance products to more than 7 million customers.

Today, the multi-billion dollar business is embracing DevOps and bolstering its data management to meet the growing demands for consistent and realistic data to feed critical digital transformation projects, while also staying compliant with the Brazilian General Data Protection Law (LGPD).

The Challenge

Navigating the Complexities of Data

Banco Carrefour's development organization needed to provision data for development and testing in a manner that was consistent, rapid, and complied with the necessary data privacy regulations.

Prior to implementing Delphix, the retail bank was facing the following challenges:

- › Delivering data for development and test efforts took 24 to 36 hours, impacting application release timelines and slowing down critical business initiatives.
- › The bank was using a tool that generated synthetic data for development and testing, but this synthetic data generation tool could not produce the volume and quality of data that was required to meet the needs of the organization.
- › The bank did not have a way to centrally govern masking of production data copies, or centrally manage the delivery of masked production data into non-production environments. Avoiding PII disclosures and meeting regulatory requirements for the LGPD was critical for the bank. Their previous attempts at masking data were unsuccessful. It broke test cases and failed to reduce the surface area of risk in non-production environments that contain most of the personal data subject to LGPD.
- › Several members of the development team were constantly waiting for fresh data sets to become available in order to complete their projects, and others were spending time helping to create new data environments. This resulted in an inefficient use of development team time and resources.





"We're proud to have Delphix supporting our digital transformation projects. Delphix is 10x easier to use than manual or alternative solutions. The platform allows us to manage data with the same speed and agility as code. We're able to quickly deliver faster data for financial reporting and better analytics and achieve faster app releases."

Adriano Barbosa

IT Superintendent of Infrastructure
& Operations, Banco Carrefour

The Solution

A Data Platform for DevOps to Drive Innovation

The team deployed Delphix, an API-driven data platform, that met the following requirements:

- » Seamlessly integrated into Banco Carrefour's DevOps toolchain via APIs and eliminated development and test wait times for data.
- » Provided up-to-date, production-quality data to improve testing quality.
- » Centrally manage and apply masking policies across all instances of production-sourced data in non-production environments. This eliminated non-production environments from the scope of LGPD and drastically reduced the surface area of data risk.
- » Reduced infrastructure costs.



Results and Impact

Software Release Acceleration Coupled with LGPD Compliance

With Delphix, Banco Carrefour is able to empower development teams with fast, compliant data at scale. The modern data infrastructure allows:

1 320x Faster Data Availability

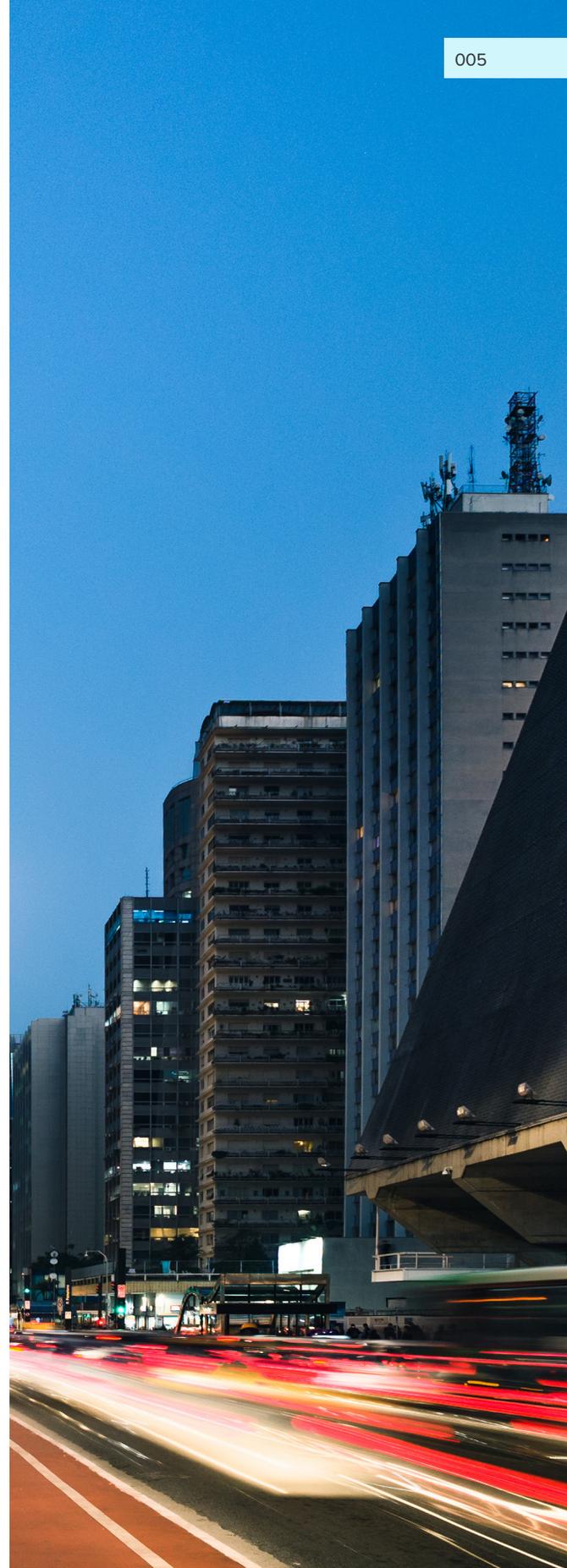
It used to take the financial institution upwards of 16 hours to deliver data-ready environments for development and testing. This can now be accomplished in 3 minutes.

2 Higher Developer Productivity

Development and QA teams get faster access to high quality, compliant data. They can also easily version, bookmark, refresh, and share copies of test data via API or at the click of a button, without involving database administrators.

3 Higher Quality Releases

With Delphix, teams have access to the right test data at the right time. QA can maintain and version libraries of test data, leading to higher release quality, and shift testing to the left using real data that fully represents production.





"We plan to dramatically expand usage of the Delphix platform in the coming years to support our business growth in Brazil and keep us in compliance with regulations like LGPD and GDPR."

Adriano Barbosa
IT Superintendent of Infrastructure
& Operations, Banco Carrefour

4 LGPD Compliance in All Non-production Environments

Delphix automatically identifies and masks sensitive data across all non-production environments, dramatically reducing the surface area of data that is subject to LGPD.

5 70% Storage Savings

The ability to provision space-efficient, virtual copies of data has significantly reduced infrastructure costs.

With these capabilities, Banco Carrefour's software team accelerated their development and test cycles and delivered new product capabilities to the business at a faster pace.

"As a technology integrator, our goal is to recommend the best technology to our customers, which in this case was the Delphix platform. Together with Delphix, we helped Banco Carrefour deliver data agility for DevOps and achieve data compliance. It's a rewarding experience to be able to drive value for our customers at every point of their digital transformation journeys."

Graci de Melo
V8 Consulting

Across industries, enterprises are facing increased pressure to innovate and become ever more digitally savvy.

For Banco Carrefour, modernizing its data infrastructure is just the latest step in automating critical infrastructure and processes to support digital innovation.

ABOUT V8 CONSULTING

V8 Consulting is one of the fastest growing companies in Brazil. Its excellence in implementing multi-cloud projects for the thousand largest companies in Brazil has led to the achievement of several awards, including being a leader and rising star in three quadrants of ISG Provider Lens Brazil 2020 for Public Cloud - Solutions and Services and having been recognized as Oracle's best partner in Latin America three times. V8 Consulting is also recognized for its excellence in Dell, VMware, Veeam, Delphix, Azure, Aws, and GCP. For more information, visit www.v8consulting.com.br.

ABOUT DELPHIX

Delphix is the industry leader for DevOps test data management.

Businesses need to transform application delivery but struggle to balance speed with data security and compliance. Our DevOps Data Platform automates data security, while rapidly deploying test data to accelerate application releases. With Delphix, customers modernize applications, adopt multicloud, achieve CI/CD, and recover from downtime events such as ransomware up to 2x faster.

Leading companies, including Choice Hotels, Banco Carrefour, and Fannie Mae, use Delphix to accelerate digital transformation and enable zero trust data management.

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369

