THIS CLIENT

CUT OPERATIONAL COSTS BY 40% WITH MIGRATION TO AWS

BRQ

BRQ

BRQ STRENGTHENED THE CLIENT'S TECHNOLOGICAL CAPABILITY EVEN MORE BY

DELIVERING A CLOUD PLATFORM - AMAZON WEB SERVICES -

PLUS CONSULTING AND CO-CREATION SERVICES TO CUT OPERATIONAL COSTS BY 40%.

ABOUT THE CLIENT

- **OUR CLIENT ACQUIRED THE [LARGEST BANK IN LATIN AMERICA](#) — WHICH PROVIDES PAYMENT SOLUTIONS LIKE CARD READERS, LINKS, AND GATEWAYS FOR RETAILERS.**

- **1.269 MILLION CUSTOMERS**

- **IN THE FOURTH QUARTER OF 2022 ALONE, THE COMPANY EARNED MORE THAN R$180 BILLION.**

OUR CLIENT'S OPERATION IS ROBUST AND CONSTANTLY EXPANDING.

THUS, ENSURING HIGH PERFORMANCE AND LOW COSTS AT SCALE IS THE BUSINESS'S MAIN CONCERN IN ORDER TO GUARANTEE THE BEST USER EXPERIENCE.

The client needed to renew their Payment Card Industry Data Security Standard (PCI-DSS) certification. This certification **verifies that the company uses best practices in payment service data protection**. After all, information security is a growing concern for the public.

SERVER UPDATES, BECAUSE THE SERVERS WERE RUNNING WINDOWS 2008 AND ORACLE SOA — DISCONTINUED SYSTEMS THAT CAUSED PERFORMANCE PROBLEMS;
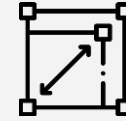
MIGRATION TO THE CLOUD — AN INFRASTRUCTURE OPTION THAT COSTS LESS THAN PHYSICAL EQUIPMENT.

BRQ

THE PLATFORM BRQ CHOSE WAS *AMAZON WEB SERVICES* BECAUSE IT COULD HANDLE ALL THE COMPANY'S NEEDS, INCLUDING:

FLEXIBILITY;

SCALABILITY;

COST REDUCTION;

AVAILABILITY;

HIGH PERFORMANCE;

SECURITY.

The BRQ Solution

IN ADDITION TO IMPLEMENTING HIGH-QUALITY TECH, BRQ CONTRIBUTED ITS EXPERTISE, **OFFERING CONSULTING AND CO-CREATION SERVICES BEFORE THE PROJECT WAS EXECUTED** IN THEIR QUEST TO ENSURE AN AGILE, EFFICIENT INFRASTRUCTURE FOR THIS ACQUIRER. TO REACH THIS GOAL, BRQ TOOK STEPS THAT INCLUDED:

ANALYZING THE ORACLE SOA ASSESSMENT REPORT, **PICKING OUT ALL ESSENTIAL RULES TO COMPLETE THE PROCESS;**

CREATING A **SEPARATE ARCHITECTURE USING APIS;**

LEARNING ABOUT THE MAIN RESOURCES OF .NET CORE — THE LANGUAGE WITH WHICH *AWS LAMBDA* WORKS BEST.

Results

DEACTIVATION OF 25% OF THEIR SERVERS, GENERATING A **40% REDUCTION IN OPERATING COSTS;**

AVAILABILITY OF STORAGE ENVIRONMENTS INCREASED FROM 97.2% TO THE MAXIMUM OF **99.99999%** AVOIDING DROPS IN BILLING CAUSED BY INCOMPLETE TRANSACTIONS DUE TO DOWNTIME;

A 40% DECREASE IN MONITORING INCIDENTS, REDUCING MONETARY DAMAGES AND RELIABILITY ISSUES CAUSED BY SECURITY PROBLEMS WITH CRITICAL PROCESSES;

CLOUD ENVIRONMENT COMPLIANCE WITH **THE PCI-DSS STANDARD,** ENSURING RENEWAL OF THEIR CERTIFICATION;

IMPLEMENTATION OF NEW **CACHE STRATEGIES,** OPTIMIZING NAVIGABILITY;

IMPROVEMENTS IN END-USER PERCEPTIONS, **RAISING SCORES ON REVIEWS OF THE CLIENT'S APP;**

SIMPLIFIED MANAGEMENT, WHICH CUT THE NUMBER OF INDICATOR REPORTS AND STATUS REPORTS FROM 11 TO ONLY 1.

FACING A SIMILAR CHALLENGE? CHAT WITH OUR SPECIALISTS

CONTACT US

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