CASE STUDY

APRIL Santé Prévoyance Case Study – DOT Anonymizer

Based on an interview with Jérôme Tournarie, Project management manager at APRIL

The Customer

APRIL Santé Prévoyance, a subsidiary of the APRIL group, is a wholesale insurance broker operating mainly in France but also present in 18 countries. Specializing in health insurance, income protection, and loan insurance, APRIL Santé Prévoyance manages a vast centralized information system on IBM i (AS/400) technology. The data anonymization project is part of a global compliance and cybersecurity strategy to protect policyholders' personal data while maintaining operational efficiency.

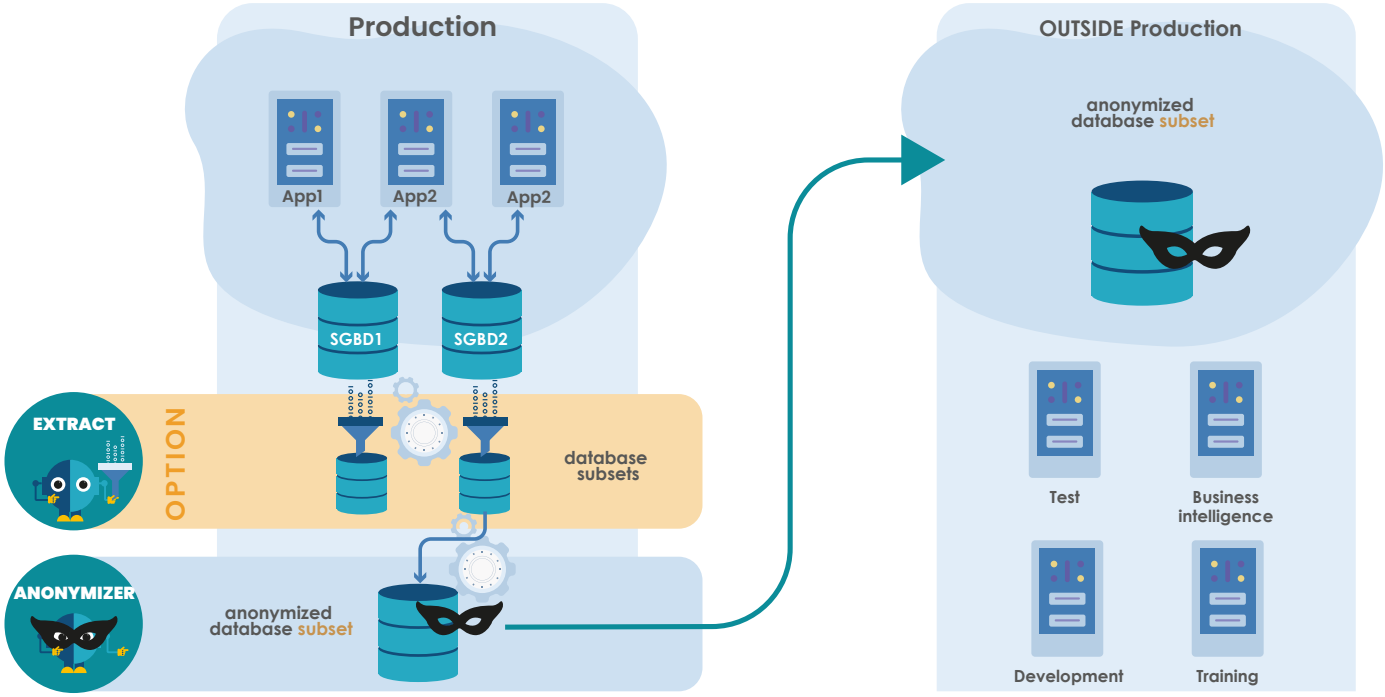
Context of the anonymization project

Faced with GDPR requirements and an increase in cyberattacks, APRIL Santé Prévoyance identified securing data in non-production environments as a priority. This project aimed to anonymize sensitive data present in the centralized management back office (AS/400) and its peripherals to ensure that no real data was exposed during testing and development phases.

Project Implementation

The project was structured into several steps:

- **Data Analysis and Inventory:** In collaboration with the DPO and business teams, an inventory of the data to be anonymized was created.
- **Definition of Anonymization Rules:** The rules have been adapted to the specific constraints of the data, such as maintaining formats and relationships between fields (e.g., consistency between postal codes and cities).
- **Configuration and Testing:** The deployment of DOT Anonymizer was carried out in three successive testing phases, with gradual configuration to avoid disrupting development environments.
- **Validation and Change Management:** Special attention was paid to supporting teams in integrating the new processes.



Benefits Obtained

- **Enhanced GDPR Compliance:** Development and testing environments are now fully anonymized, reducing risks associated with data breaches.
- **Increased Cybersecurity:** Data in non-production environments no longer contains sensitive information, protecting systems in case of cyberattacks.
- **Maintained Operational Efficiency:** The solution was designed to ensure continuity of testing and development without compromising quality or performance.

Next Steps

APRIL Santé Prévoyance is exploring new opportunities to further expand anonymization, particularly focusing on data related to benefits and medical acts. The group also aims to extend the use of DOT Anonymizer to other subsidiaries, with a vision for global standardization.

Jérôme Tournarie, Head of Project Management at APRIL:

"By anonymizing data, we have not only strengthened our compliance and security, but we have also demonstrated to our partners and policyholders that protecting their information is a top priority."