

## CASE STUDY

# How ADO Technologies Secures Tier 1 Banking Systems with Anonybit

## Company Profile

ADO Technologies provides cutting-edge identity solutions for Tier 1 banks across Latin America. Their platform enables seamless and secure identity verification, powering millions of transactions daily while maintaining stringent privacy & security standards.

## The Challenge

Data breaches are becoming increasingly prevalent, posing significant risks to financial institutions. As the trusted provider for major banks in the region, ADO Technologies recognized the need to fortify their security posture to prevent becoming a target themselves.

## Project Goals

### 1. Match Existing SLAs and Performance Metrics:

Scalability, accuracy, and speed were critical to meeting their existing service level agreements.

### 2. Integrate with Existing Technology:

ADO Technologies wanted to leverage their own biometric algorithms for 1:N deduplication and 1:1 verification for reauthentication and step-up authentication

### 3. Backend Flexibility:

The chosen solution needed to integrate easily and ingest biometric vectors from their front-end systems, minimizing the amount of data transmitted.



## The Solution

ADO Technologies partnered with Anonybit, the only privacy-enhancing biometric platform supporting a wide range of biometric modalities.

Anonybit's decentralized biometric cloud architecture offered the perfect balance of flexibility, high performance, stringent privacy protections.



### Use Cases

#### 1. Deduplication at Onboarding

ADO Technologies leverages Anonybit's deduplication capability to block attempts at using stolen or synthetic identities during onboarding. Anonybit's API returns a list of potential matches above a certain threshold for manual verification.

#### 2. Privacy-Preserving Biometric Authentication

Upon establishment of the unique identity, the user's biometric is sharded and enrolled into the Anonybit backend. In the case of reverification or step up authentication needs, the Anonybit system is invoked once again, preventing attackers from taking over user accounts. The Anonybit API returns an authentication result in 200 ms.



### Critical Outcomes

#### 99% Reduction in Identity Fraud

ADO Technologies significantly reduced fraud incidents by leveraging decentralized deduplication and authentication.

#### Improved Regulatory Compliance

Anonybit's architecture ensured adherence to regional and global data protection laws, streamlining compliance processes.

#### Enhanced Customer Trust

Anonybit's privacy-centric solution reinforced ADO's reputation as a secure and reliable partner for Tier 1 banks.

#### Streamlined User Experience

ADO's platform now offers faster and more reliable identity verification for multiple use cases, enhancing customer satisfaction.



### Future Outlook

The partnership between ADO Technologies and Anonybit demonstrates the power of decentralized biometric technology in transforming and securing identity systems. Anonybit is fully integrated into the ADO Technologies backend, providing seamless onboarding for any new customer that ADO signs. By leveraging Anonybit's capabilities, ADO Technologies continues to lead in delivering secure, privacy-enhancing solutions to the financial sector, setting a new standard for identity management in Latin America and beyond.

