

**Client:** Banco de la República Oriental del Uruguay (BROU)  
**Web:** [www.portal.brou.com.uy](http://www.portal.brou.com.uy)  
**Country:** Uruguay  
**Industry:** Banking



## Implemented solution:

A solution that allows secure remote access (VPN on Internet) and wireless access to the bank's technological infrastructure.



VU Mobile Tokens®



VU App & Cloud Server®

## About BROU

**BROU** is the most important bank in Uruguay and has always had a decisive role within the country's economic development, keeping a firm image since its foundation in 1896.

The decision-making process to reach a technological agreement with VU and Cisco began as a result of a market study, which included both a functional and technical analysis of the five possible technological solutions to be applied, with local representation and endorsement.



## The Challenge

**BROU** chose solutions developed by **VU** and Cisco, to protect its users from the high chances of identity theft and the growth of threats based on stealing online user credentials. Forced to handle confidential and sensitive data, **BROU** decided to implement a solution to guarantee the identity of both its internal and external users.

The institution needed to strengthen the security of remote accesses and wireless connections to the bank's technological infrastructure, used essentially by its own staff and contractors for their tasks.



## Provided solution

One of many possibilities to improve the protection level is the deployment of multiple authentication mechanisms, particularly One Time Passwords via virtual tokens, given they limit the possibility of success of the cyber-attacks.

The solution offered by **VU** was the only one to provide great flexibility to adapt to all the specific requirements the Bank asked for, in the integration and management areas.

## Implemented solutions

### VU Mobile Tokens®

It is the SDK component that allows to integrate the functionalities from VU App & Cloud Server on Android and iOS mobile apps, providing strong authentication methods to enroll, generate and validate two-factor authentication methods.

### VU App & Cloud Server®

It is an omnichannel and multifactor authentication engine that combines different two-factor authentication methods with the traditional username and password.



**VU Mobile Tokens®** It is intuitive, and the device can be unlocked just by entering the PIN or a fingerprint.



**VU App & Cloud Server®** Its integration is flexible and customized and can be adapted the companies' technological environment through any device that can access the Internet.

## +10 years of experience in Cybersecurity

We develop cybersecurity solutions that digitally transform the market and increase the business volume with lower operative risk. We offer products for all the stages of the digital cycle of a citizen within the client's business and the possibility of **integrating any existent technology in a fast and secure way**. Our solutions are delivery free and speed up deployment times to exploit business opportunities in a pertinent time.

We are the only company within the region aligned to the good practices of international authentication as member of **FIDO Alliance, Tech Accord, OATH and OCF**. Founded in 2007, it has offices in **Argentina, Chile, Uruguay, Ecuador, Colombia, Costa Rica, Mexico and Peru**.

+ 14

Countries in LATAM

+ 14

Innovative solutions

+180M

Protected users

+ 60

Partners

## VU has +80 clients in LATAM



### Biometrics

- VU Face Recogn®** Facial Authentication
- VU Voice Recogn®** Proof of life
- Secure Onboarding Process®**  
Remote authentication

### Fraud Prevention

- VU Fraud Analysis®** Multi channel fraud prevention
- VU Vault®** Protection of encryption keys
- VU Sign®** Optimizes processes with digital signatures
- CSIRT®** Safeguarding business reputation

### Identity Protection

- VU App & Cloud Server®** Validation of identification process
- VU Mobile Tokens®** Robust authentication of simple implementation
- Liintu®** Credentials Administration from a single place

### Risk Management

- VU AES®** Simplification of tools for Customer Support
- VU Comm®** Safe messaging
- VU Certificate®** Administration of certificates to simplify processes
- User Experience®** Optimization of the user experience