

# Mellon

Offline-first prototype  
and logo demonstration

**Update 1, 29 April 2025**



# Problems We Solve

Password managers rely on cloud storage, exposing users to breaches, outages, and surveillance.

Users with unreliable internet or heightened privacy concerns lack trustworthy, accessible solutions.

1.35B

## Individuals affected by breaches in 2024

According to Statista. 82% of cyberattacks in 2023 involved data stored in centralized clouds according to Secureframe.

85%

## Adults ready to do more to protect privacy

According to Exploding Topics. This shift to sovereign digital tools is driven by business alike according to User Centrics.

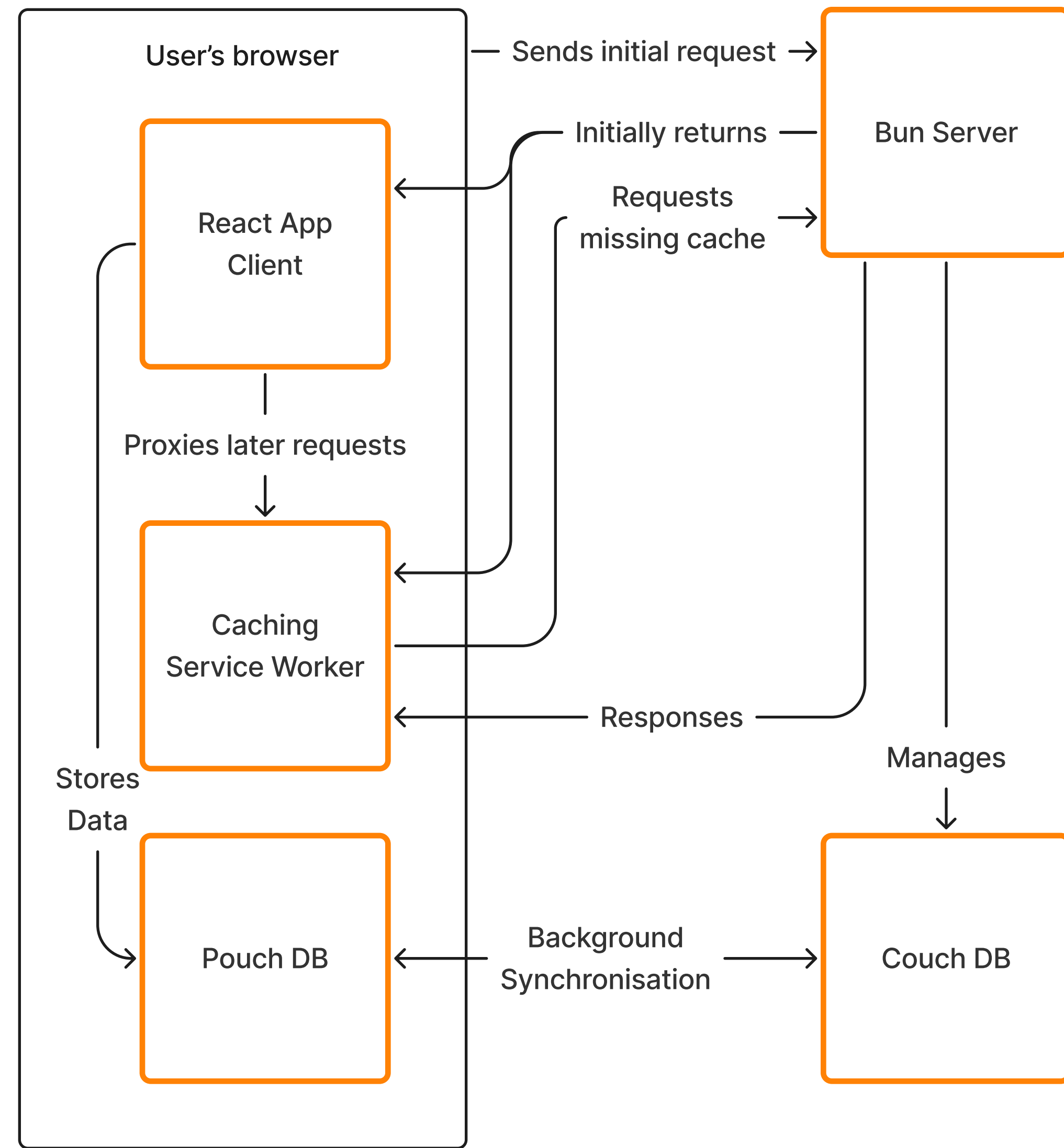
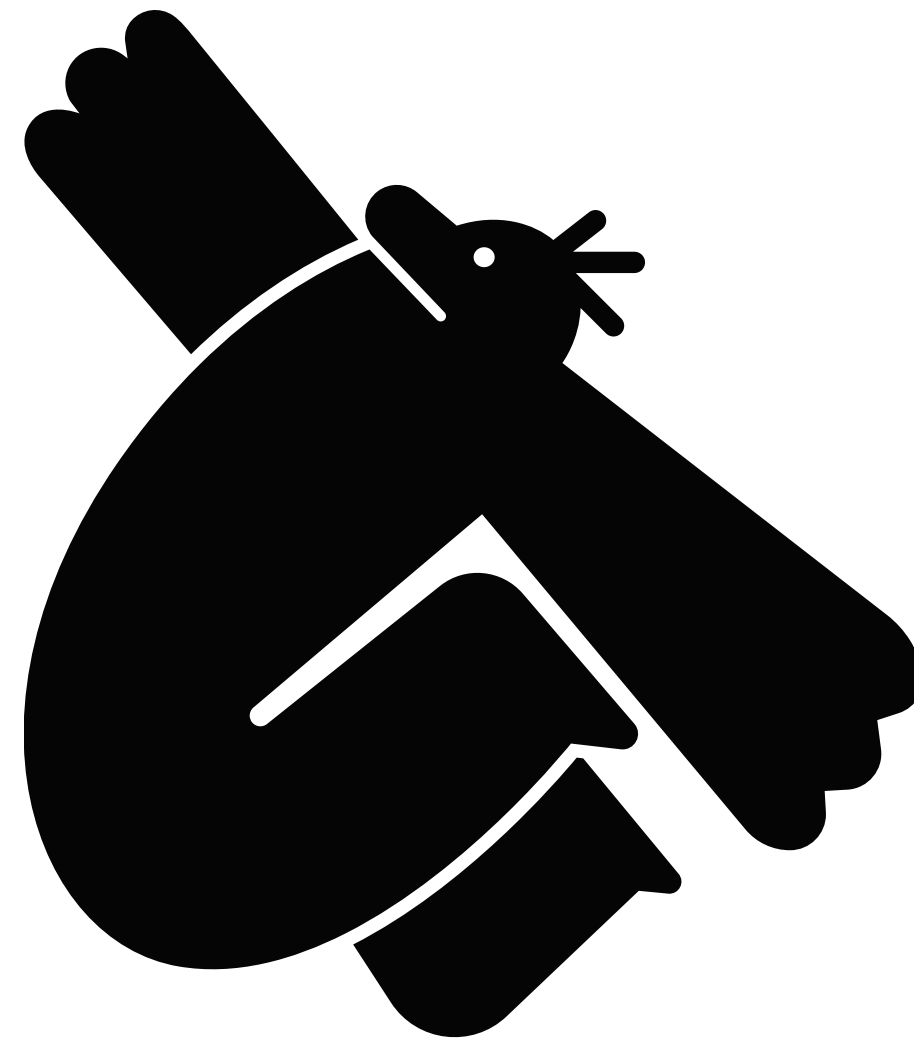
4

## Cases of required no-network access

Trips abroad, emergencies like recent electrical outage, regulatory requirements or risky industries like investigations.

# Our Solution

Encrypt, save and process the data locally. Even if you close the browser tab or refresh the page being offline, the app will load again and work as usual. The encrypted data is synced to a server in a background even for anonymous users.



# Prototype Overview

Header indicates connection state and user info

Session starts with the onboarding

• Online — Changes will sync

ID ...e0461

Add Your First Secret

Secrets are encrypted and stored on your device. Might be restored from an encrypted server backup.

Secret Name

Username

Password

Show

Generate

Notes

Add New Secret

Stored Secrets

No stored secrets yet

Built by [Vladimir Lazarev](#), [Sofia Azzheurova](#) and [Evgenii Antonenkov](#) for IAMPEI

Continuing the onboarding

Secrets are listed below the forms and are always available

• Online — Changes will sync

ID ...e0461

Set Master Password

Hide secrets on your device while you're idle.

Password

Show

Hint

Set Master Password

Stored Secrets

Add New

▼ Apple ID

Username: laidrivm@gmail.com

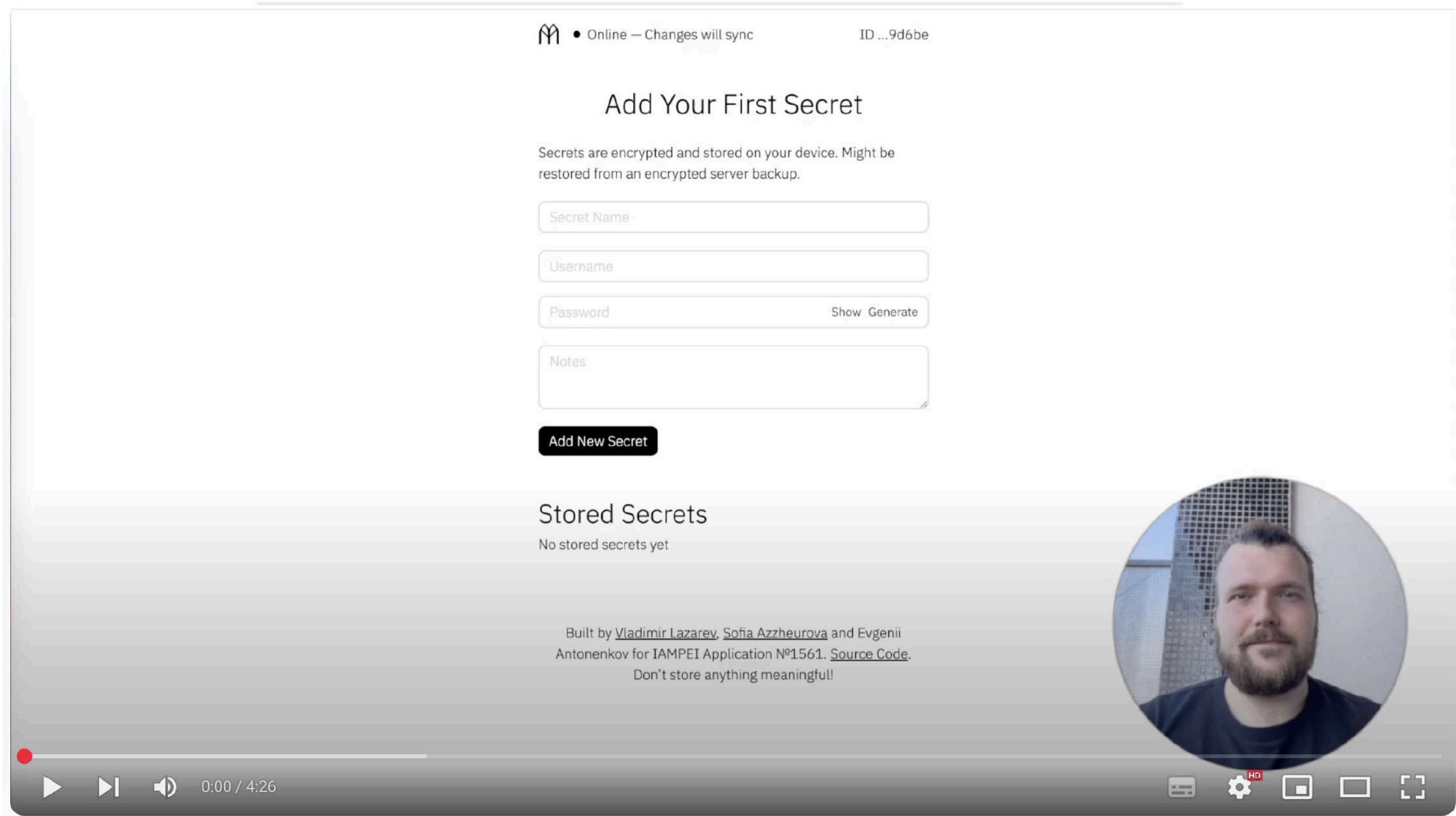
Password: \*\*\*\*\*

Show

Notes: Serbian region

Built by [Vladimir Lazarev](#), [Sofia Azzheurova](#) and [Evgenii Antonenkov](#) for IAMPEI  
Application №1561. [Source Code](#).  
Don't store anything meaningful!

# Prototype Overview



[Watch the demonstration](#)



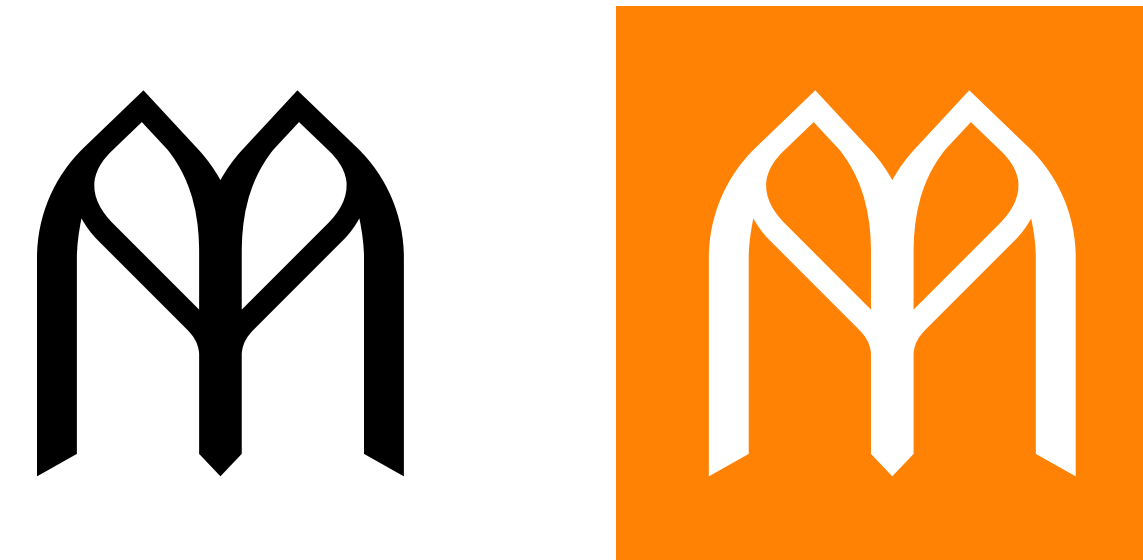
# Branding Approach

## Name

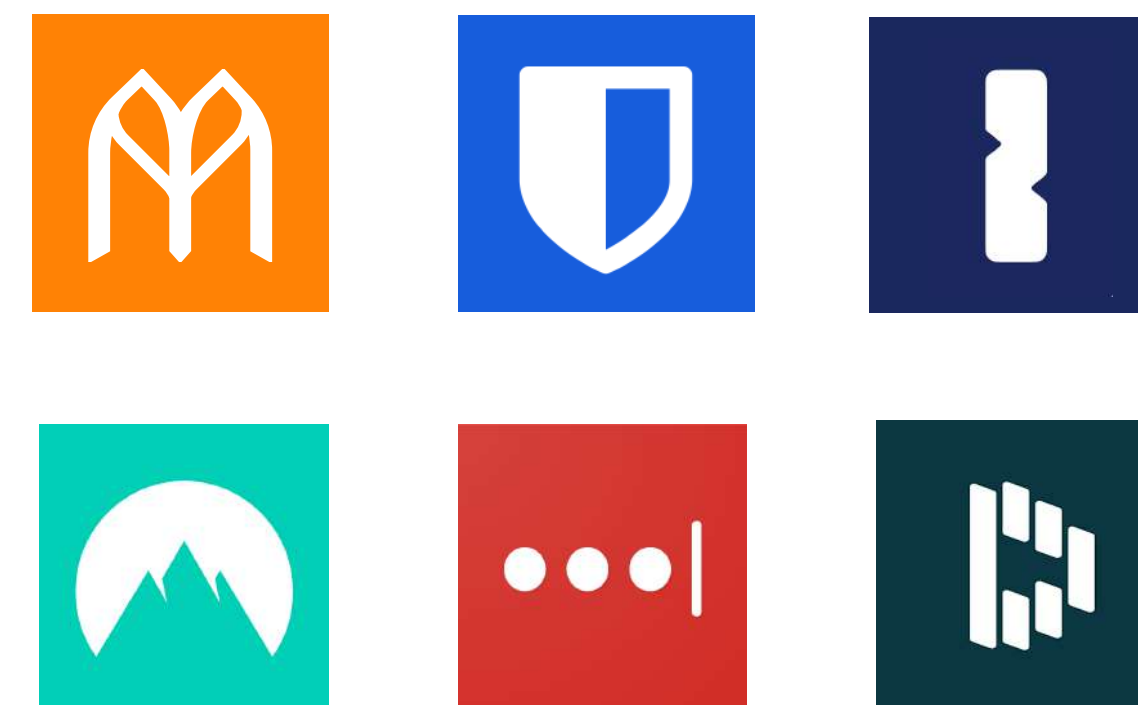
Mellon is named so after a riddle from Tolkien's The Lord of the Rings books. There was a door with an inscription "Speak friend and enter" and one should say "friend" in Elvish to open it.

## Logo

We used a door and a key as main metaphors combining them with a letter M. We were inspired by runes, which was reflected in the logo outline. Elvish aesthetics also influenced us: the logo could easily be an arc of a fantasy castle. Finally, we follow minimalism ideology, trying to achieve maximum value or sense with minimal means.



## How Mellon logo stands out from competitors



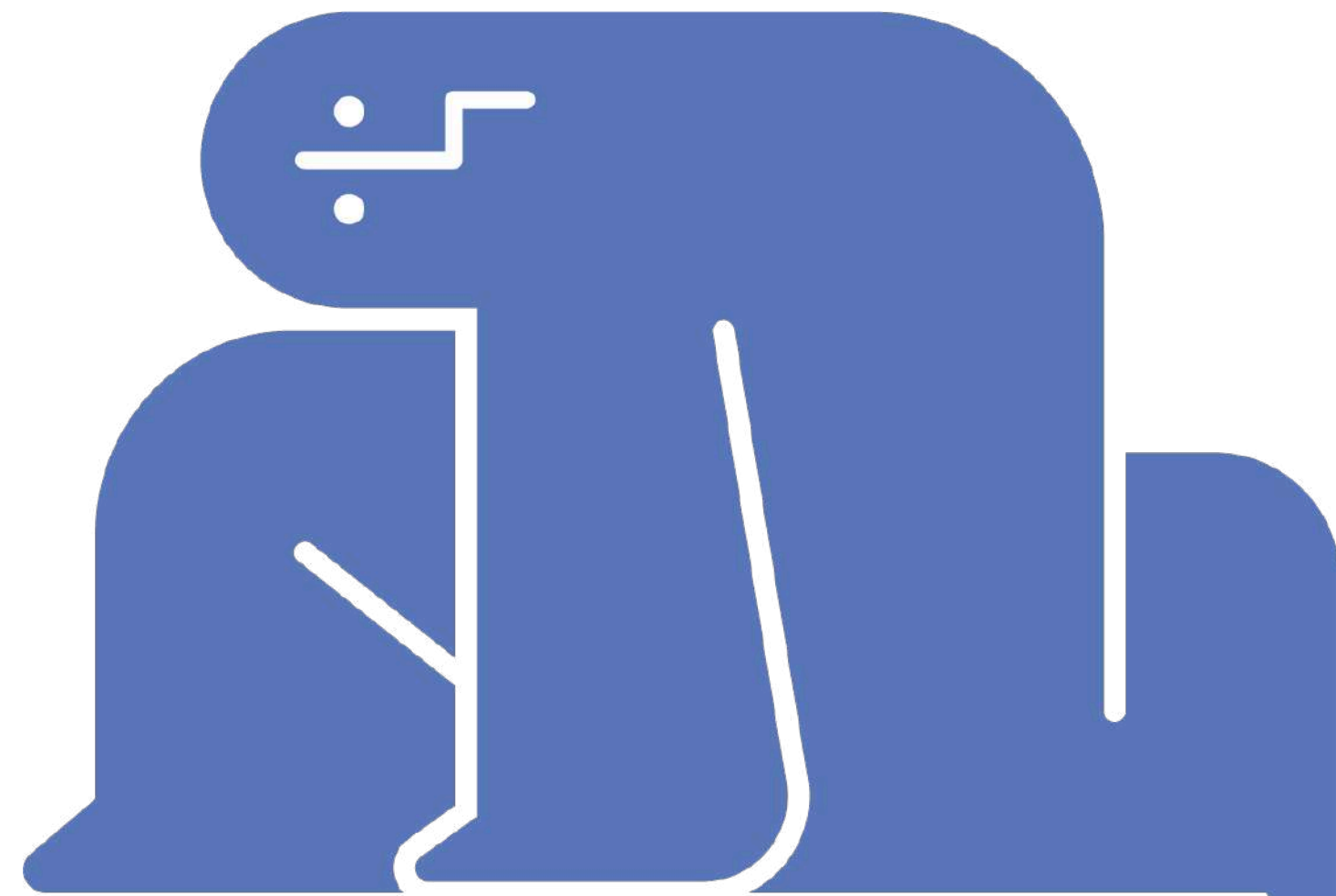
# Branding Approach

## Brand Personality

- Trustworthy (security-first mindset)
- Independent (offline-first by design)
- Modern & Human (clear UX, no jargon)

## Tone of Voice

Calm, clear, and privacy-respecting. No fearmongering — we build confidence through transparency.



IBM Plex Sans  
Mellon — Keep Your Secrets

## Typography

A friendly Grotesque style typeface published in open source under permissive OFL license. Illustrates the unique relationship between mankind and machine. Designed to be timeless and distinct. We use 300 as the main weight to highlight the simplicity, lightness, grace of our product.

# Next Steps

## Encryption key transfer

Add a quick description of each thing, with enough context to understand what's up.

## Password generation

Keep 'em short and sweet, so they're easy to scan and remember.

## Shamir's Secret Recovery

Keep 'em short and sweet, so they're easy to scan and remember.

## Beta testing

If you've got a bunch, add another row, or use multiple copies of this slide.



# About the Team



Vladimir Lazarev

Tech leader scaled teams up to 50 engineers  
and building products for 20kk MAU  
7 years of engineering and management  
experience



Sofia Azzheurova

UX/UI visionary with a track record of  
boosting conversion rates with creatives  
5 years of digital design experience



Evgenii Antonenkov

Performance marketing expert driving  
effective digital strategies with \$1M-\$2.2M  
annual budgets  
6 years of digital marketing experience

## Combined Strengths

Deep technical expertise, strategic vision,  
and proven market execution

Prior international experience and a commitment  
to building a robust, secure product

# Thank you for your attention!

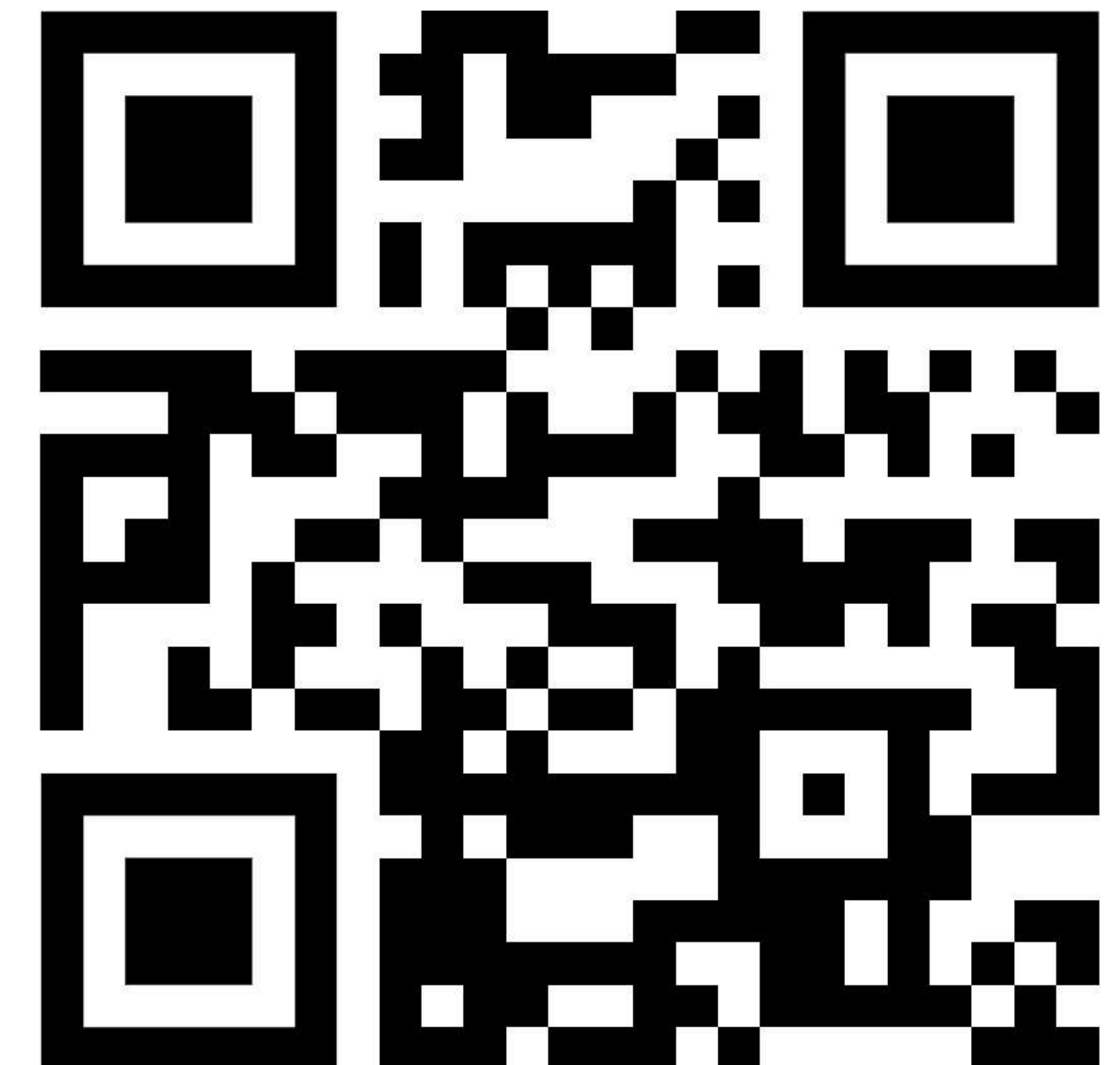
## Let's build the future of digital security together

Please support our application №1561 for us to implement our secure and innovative solution.

Contact Vladimir on any questions:  
[laidrivm@gmail.com](mailto:laidrivm@gmail.com)



[Find out more about Mellon](#)



[Check out the prototype](#)