



# CryptPad

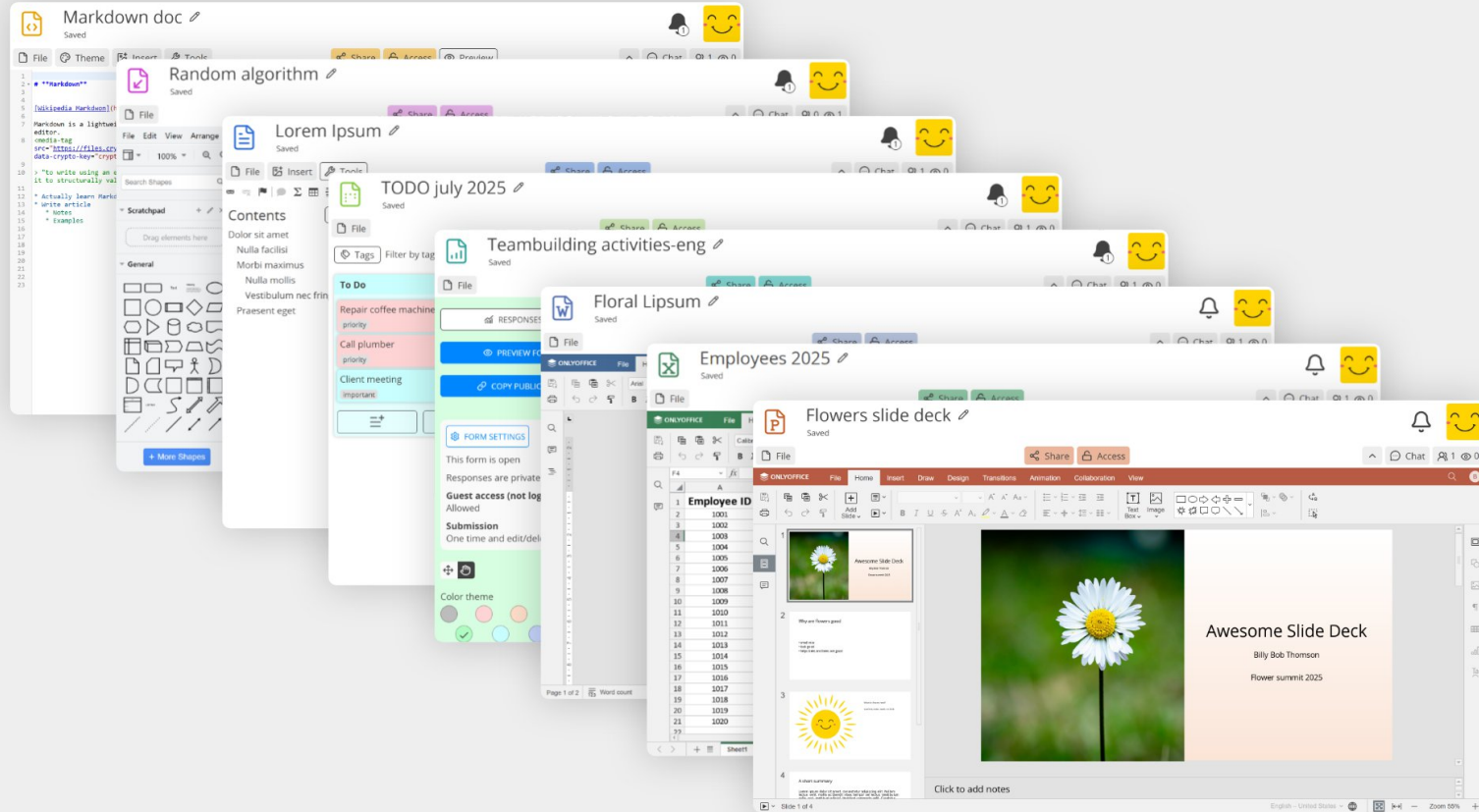
**CryptPad updates: latest in private real-time collaboration**

FOSDEM 2026/01/31

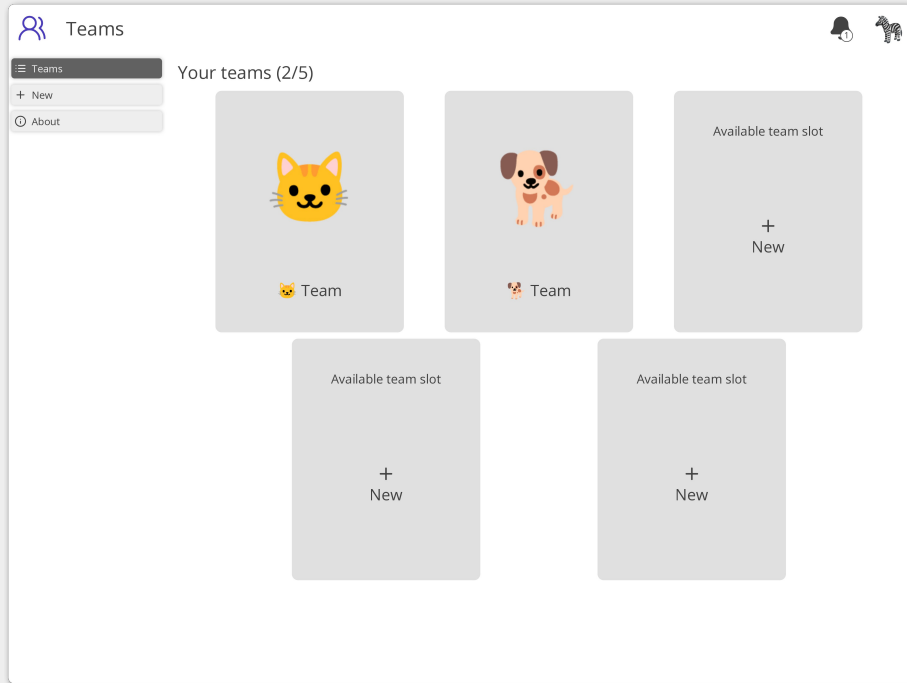
Ludovic Dubost

# Introduction

# CryptPad



# CryptPad



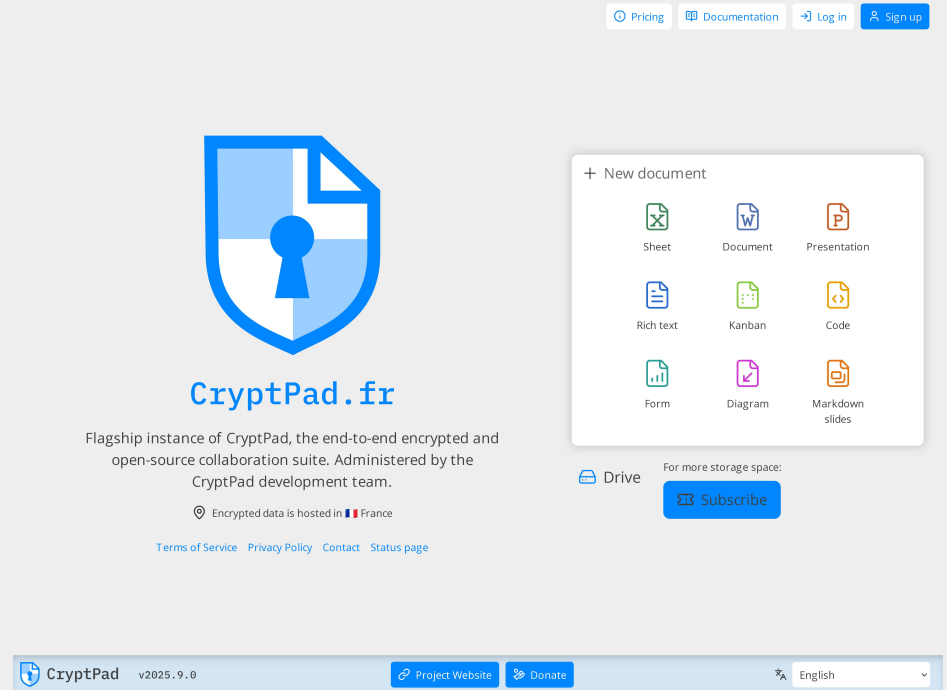
- An office suite
- Collaborative
  - Real time edition
  - Calendars
  - Teams
- End-to-end encrypted
  - Differentiated keys
  - Familiar interface
- Open-Source
  - AGPLv3

# CryptPad

## 11 years of development

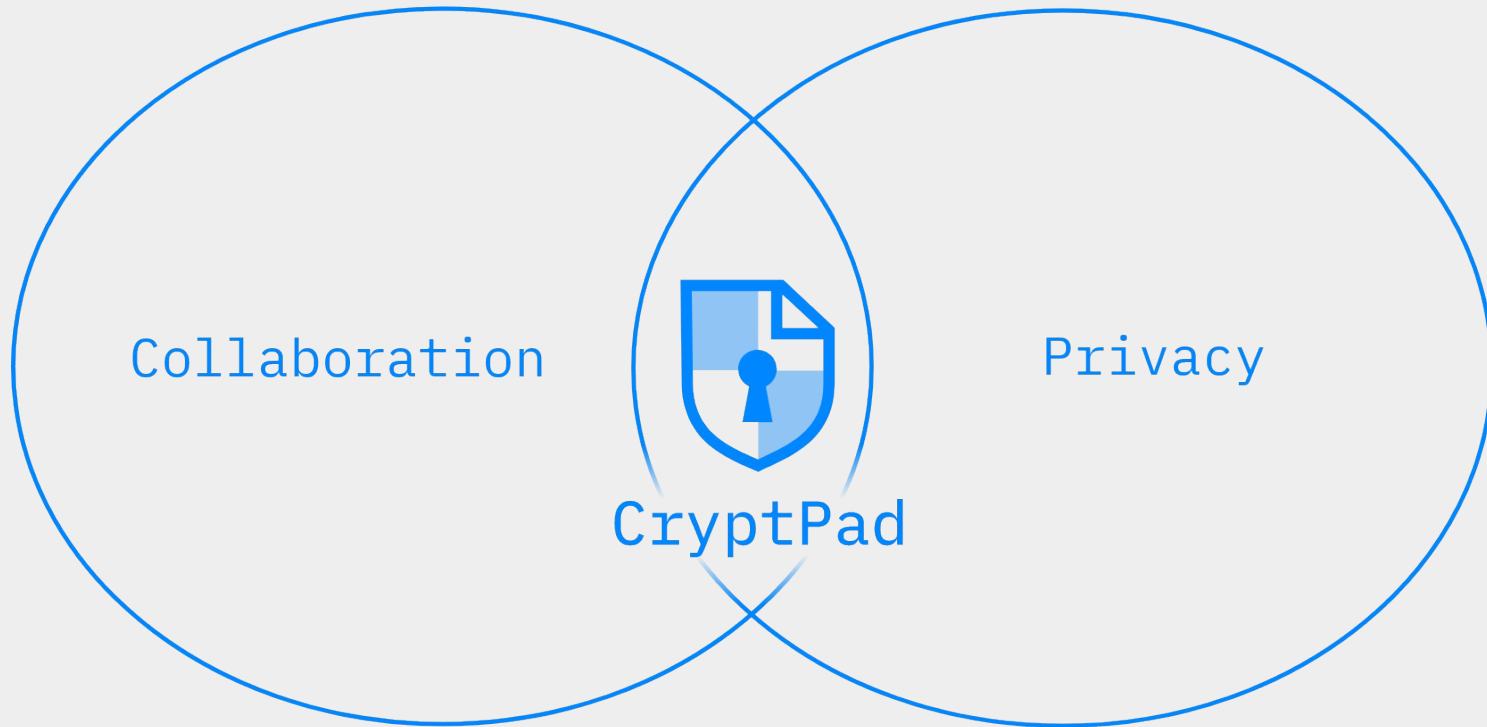


The screenshot shows the CryptPad website home page. At the top left is the CryptPad logo. To the right is a navigation menu with links for FAQ, Blog, Features, Privacy, Contact, About, and a user profile icon labeled 'billy'. The main content area features a large shield icon with a keyhole and the text 'CryptPad The Zero Knowledge Cloud'. Below this is a vertical list of application categories, each with a colored icon and a text label: Rich Text Pad (blue), Markdown/Code Pad (yellow), Markdown Presentation (orange), Poll or Schedule (green), Whiteboard (purple), and Your CryptDrive (blue). A 'see less' link is at the bottom of the list.



The screenshot shows the CryptPad.fr website home page. At the top right is a navigation menu with links for Pricing, Documentation, Log in, and Sign up. The main content area features a large shield icon with a keyhole and the text 'CryptPad.fr'. Below this is a paragraph: 'Flagship instance of CryptPad, the end-to-end encrypted and open-source collaboration suite. Administered by the CryptPad development team.' Below the paragraph is a location pin icon and the text 'Encrypted data is hosted in France'. At the bottom are links for Terms of Service, Privacy Policy, Contact, and Status page. On the right side, there is a 'New document' section with a grid of icons for Sheet, Document, Presentation, Rich text, Kanban, Code, Form, Diagram, and Markdown slides. Below this is a 'Drive' section with a 'Subscribe' button. At the bottom of the page is a footer with the CryptPad logo, version 'v2025.9.0', a 'Project Website' link, a 'Donate' button, and a language dropdown menu set to 'English'.

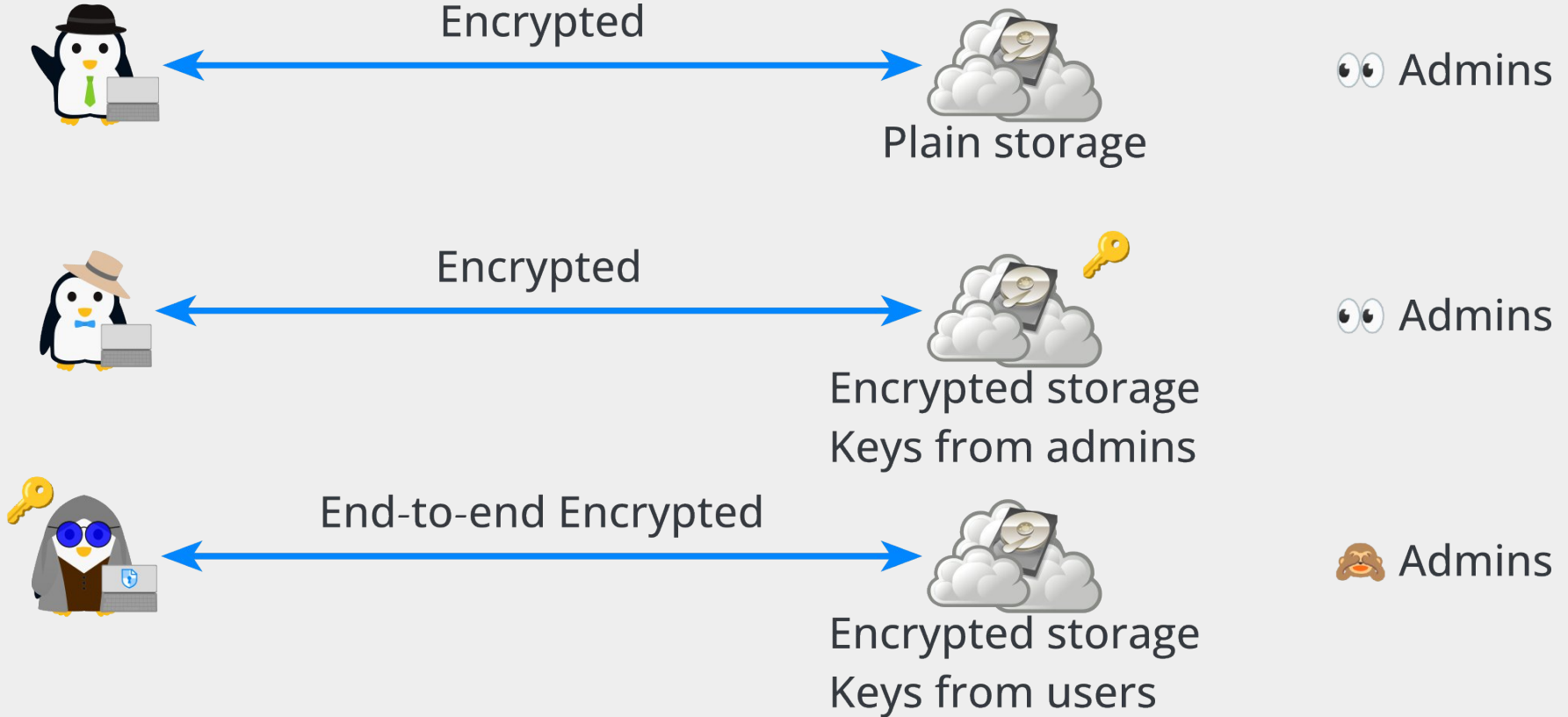
# You can have both



**Yes, you can have both**

Security by design

# End-to-end encryption

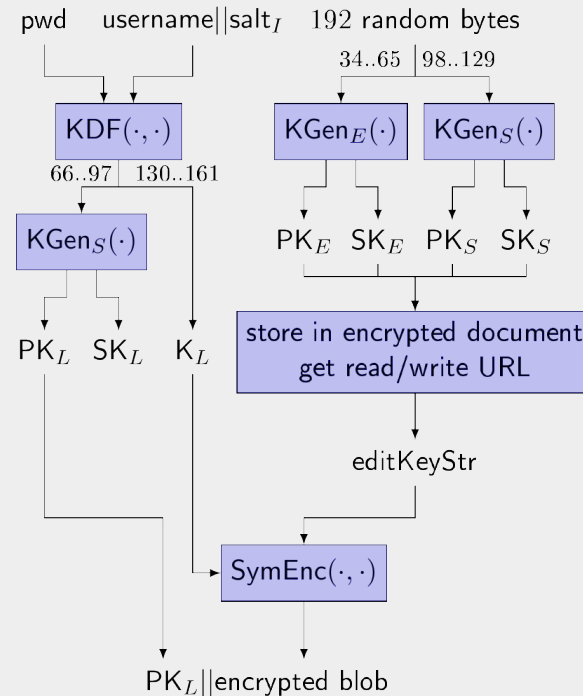


# End-to-end encryption

- Encryption in itself is not enough, if somebody has the keys
  - Sometimes hard to follow...
- Key management is very essential
- Favour end-to-end encrypted solutions
  - Signal, Element, CryptPad, Proton (not open source)...
- Matching all the features or non e2ee is significant work

# Cryptography-first

- Security starts at login
  - Login + passphrase  $\Rightarrow$  Key derivation
  - The derived keys are used to store user drive keys and authentication keys
- No password database
  - No password recovery

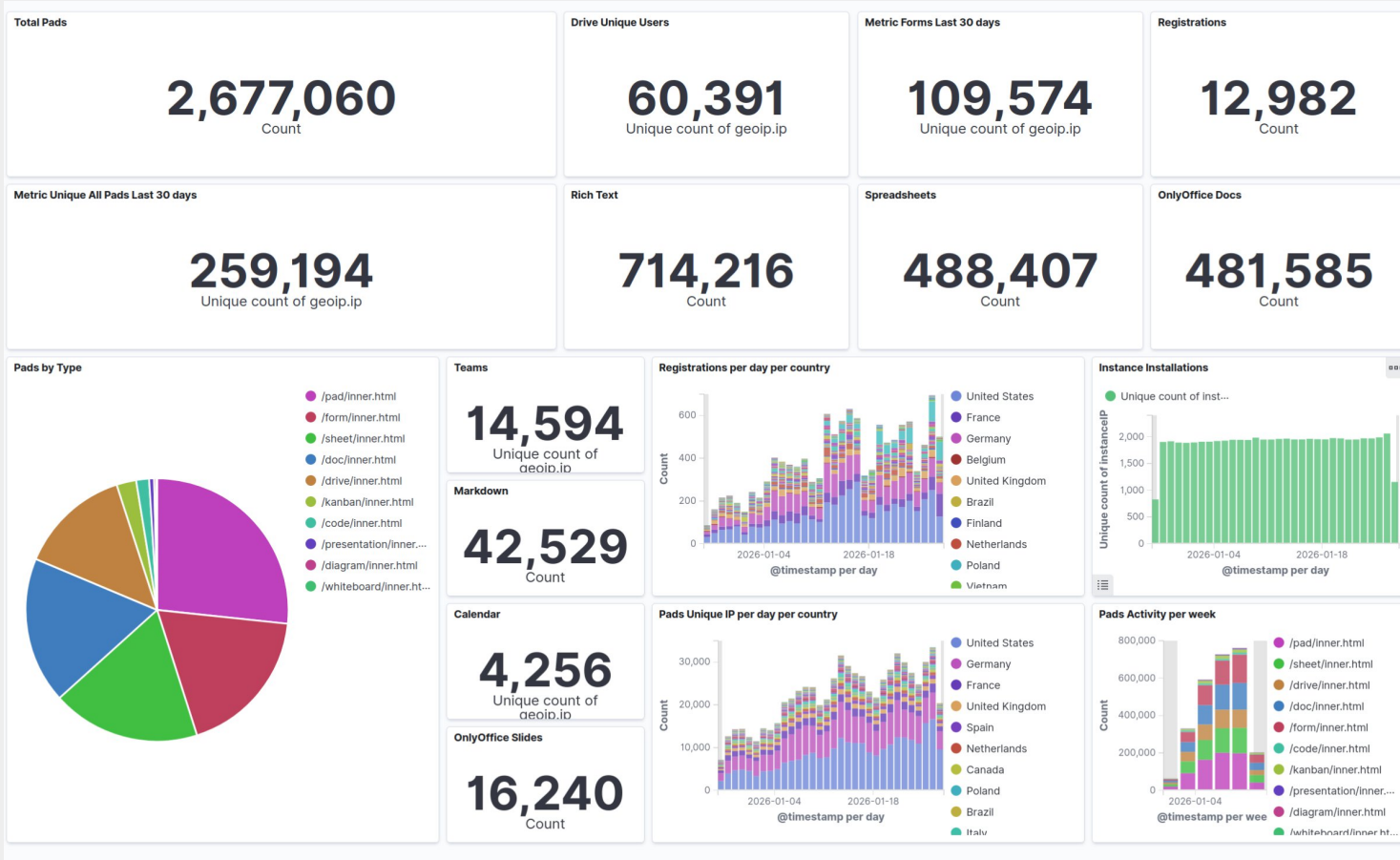


# Encryption for all

- Goal: Make encryption accessible for everyone
- Familiar user interface
- Simple use
  - Double click ⇒ Open a file
  - From a link ⇒ Directly open a file
- Accessibility audit
  - “The suite is quite accessible already. In some parts it is obvious that effort has been put into making the apps accessible.”

What happened in 2025

# CryptPad.fr



+50 % overall  
in 1 year

Significant growth  
in the United  
States in 2025

2,500 subscribers

1,000 donators

2,000 instances

# Heavy Forms usage

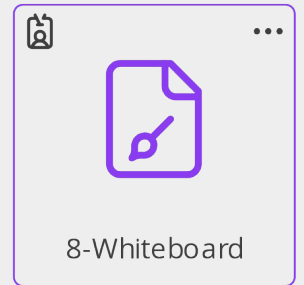
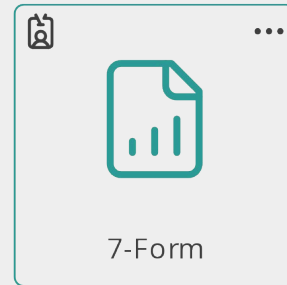
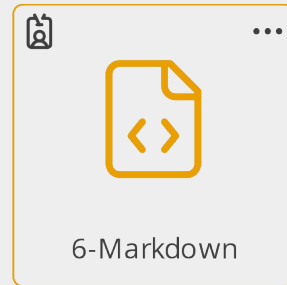
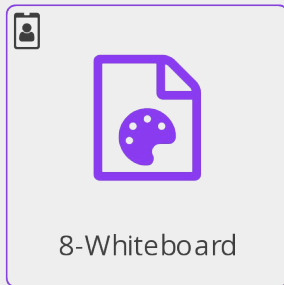
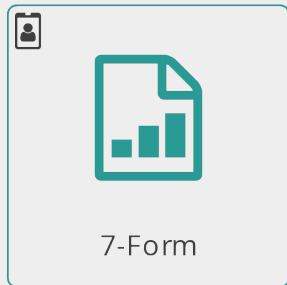
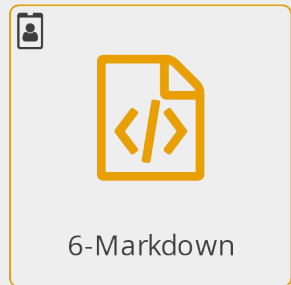
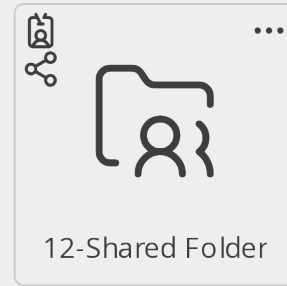
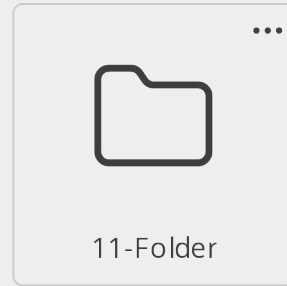
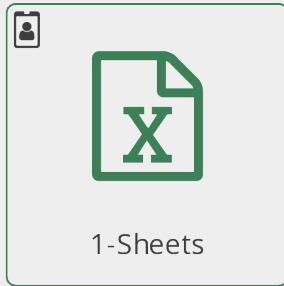
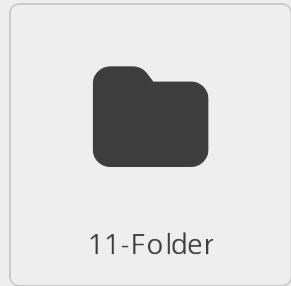
- Many NGOs are using CryptPad Forms
- Many activists are using CryptPad Forms
- United Nations is using CryptPad Forms
- 100,000's visitors every month

Nobody should ever send people to Google or Microsoft to give their data!

# UI/UX

- New icons
- Background loading
- New loading bar
- Accessibility
- Mobile device improvements
- Less pop-ups
- New drive tree
- Natural order sort in CryptDrive

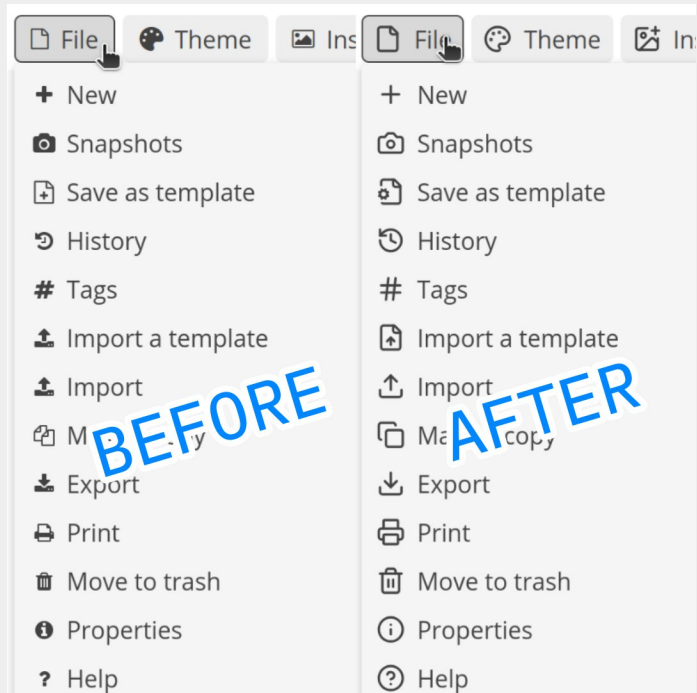
# UI/UX



Before

After

# UI/UX



# CryptPad API

-  Demo :
  - <https://api-examples.dev.cryptpad.net/>

Projet funded by BPI France / France 2030

# CryptPad Cloud

- For those who don't want to self-host CryptPad
- Accompany you to create your own instance
- Support is managed by XWiki
- Source of revenue for CryptPad
- Try it now :
  - <https://cryptpad.org/try-cloud/>

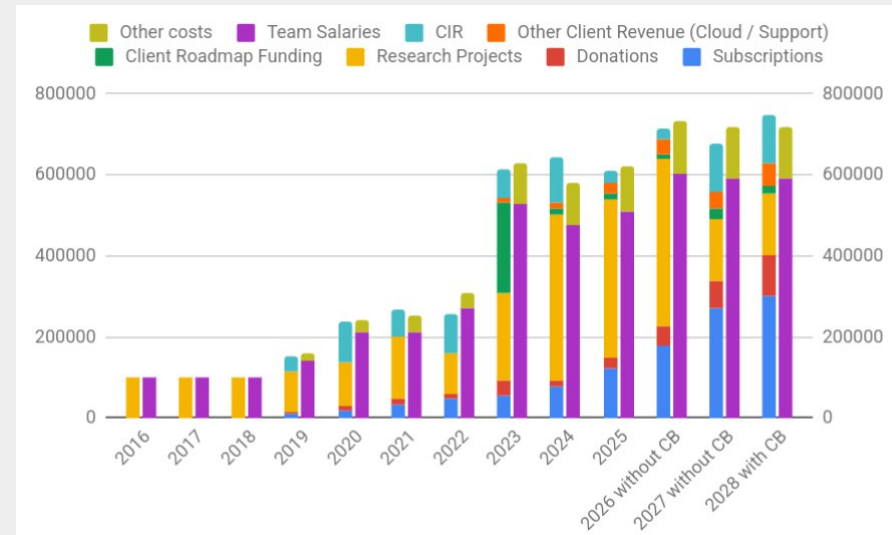
# Some other works

- OnlyOffice upgrades
- Lots of fixes
- Post-quantum experiments + crypto-agility
  - <https://github.com/crytpad/crytpad/tree/crypto-agility>
- BSI security audit

Finance




# CryptPad


- 9 people working on CryptPad
- Yearly costs: 620k → 700-740k
- XWiki SAS gives financial stability
- Challenging to fund the project
- Funded mainly through research project (80 % till 2024)
- Choice to prioritize B2C revenue



Donations at <https://opencollective.com/cryptpad>

# CryptPad Open Finances

Year	Spending	Revenue	Balance	Research   	Subscriptions & Donations (B2C)	Other Client Revenue (B2B)	Percentage of recurring revenue
2024	581k	643k	+60k	519k	92k	32k	17%
2025	620k	608k	-12k	416k	150k (+50%)	42k	30%
2026	700 to 730k	715k	~0	443k	225k (+50%)	47k	36%
2027	750k	676k	-75k	271k (*)	337k (+50%)	68k	56%
2028	800k	715k	-85k	238k	400k (+20%)	76k	64%

(1) Big project ends in 2025 

New project (ELFA) starts in 2026



This requires 50% growth of B2C (cryptpad.fr subscriptions and donations) revenue to grow for 2 more years  
 or we need more B2B or Research funding

What's coming

# What's coming

- Scalable server (key for long term funding)
  - CryptPad.fr cannot take more users
  - <https://github.com/cryptpad/scalable-server>
- CryptPad Notes (featuring BlockNote)
- UI/UX and Mobile as we can
- ELFA / nextGraph - will allow some level of federation

Thanks



ZERO  
COMMONS

Conclusion

# Conclusion

- Your data are precious, protect them
- CryptPad offers an alternative to GAFAM
  - MS Office 365
  - Google Workspace
- Encrypted, but still easy to use
- Nobody should ever send users to BigTech forms, when CryptPad Forms is there
- We still need your help to get to financial stability



# CryptPad

David

Andreea

Daria

Diana

Fabrice

Mathilde

Wolfgang

Yann

Zuzanna

Ludovic