

# On mission for digital sovereignty

CS3 Conference 2021 – News & Roadmap

# Let's talk about:

- 1 Looking ahead: ownCloud in 2021
- 2 Introducing: ownCloud Infinite Scale
- 3 A sovereign workspace
- 4 Community & collaboration



Klaas Freitag  
CTO



Patrick Maier  
Product Manager

# Making 2020 our year!

4

Server releases



New iOS App



Virtual File System



Authentication standard



New web interface

1.0.0

Infinite Scale

# Please welcome new team members



**Ralf Schwöbel**  
Customer Success Executive



**Klaas Freitag**  
CTO



**... many more!**  
TEAM MEMBERS

# Introducing: **ownCloud Infinite Scale**

Ready for the Tech Preview?

# ownCloud Infinite Scale

## Modernization from ground up

LAMP stack

Monolithic architecture

Sync via detour: database

Dependencies



In collaboration with CERN

Latest technology: Go, Vue.js

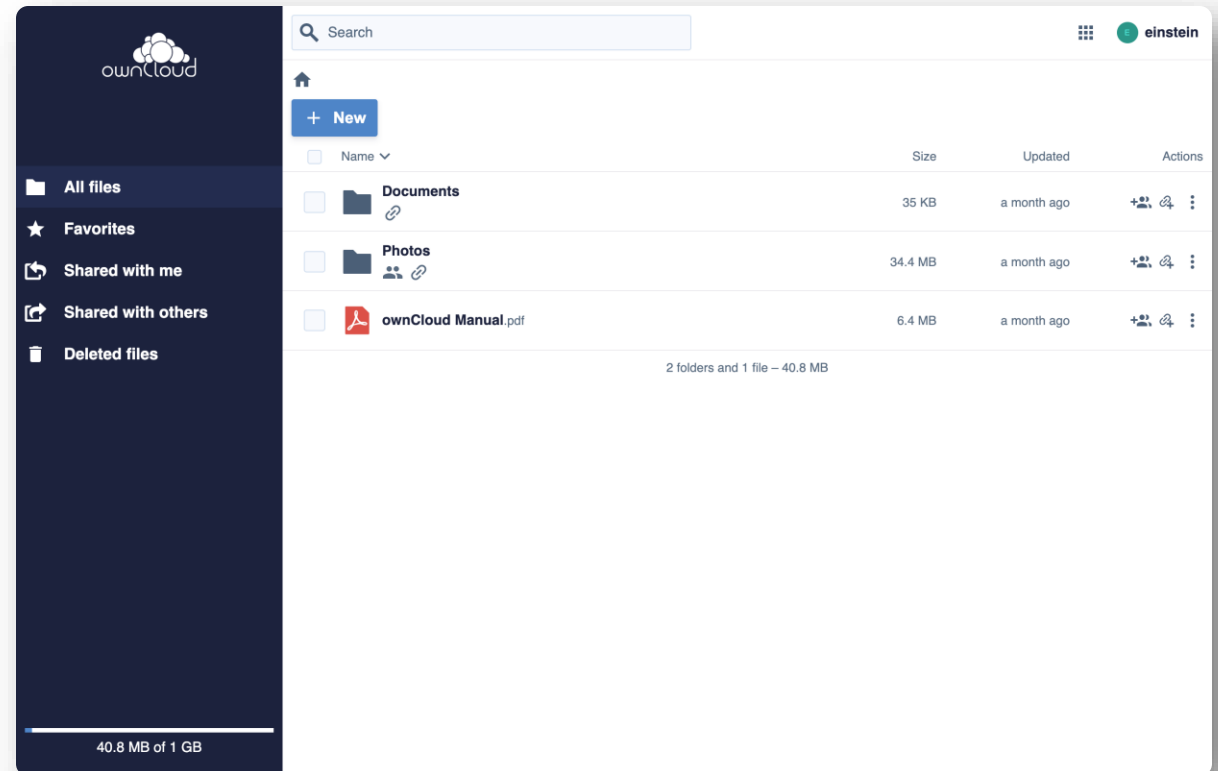
Cloud-native microservice architecture

Database-less

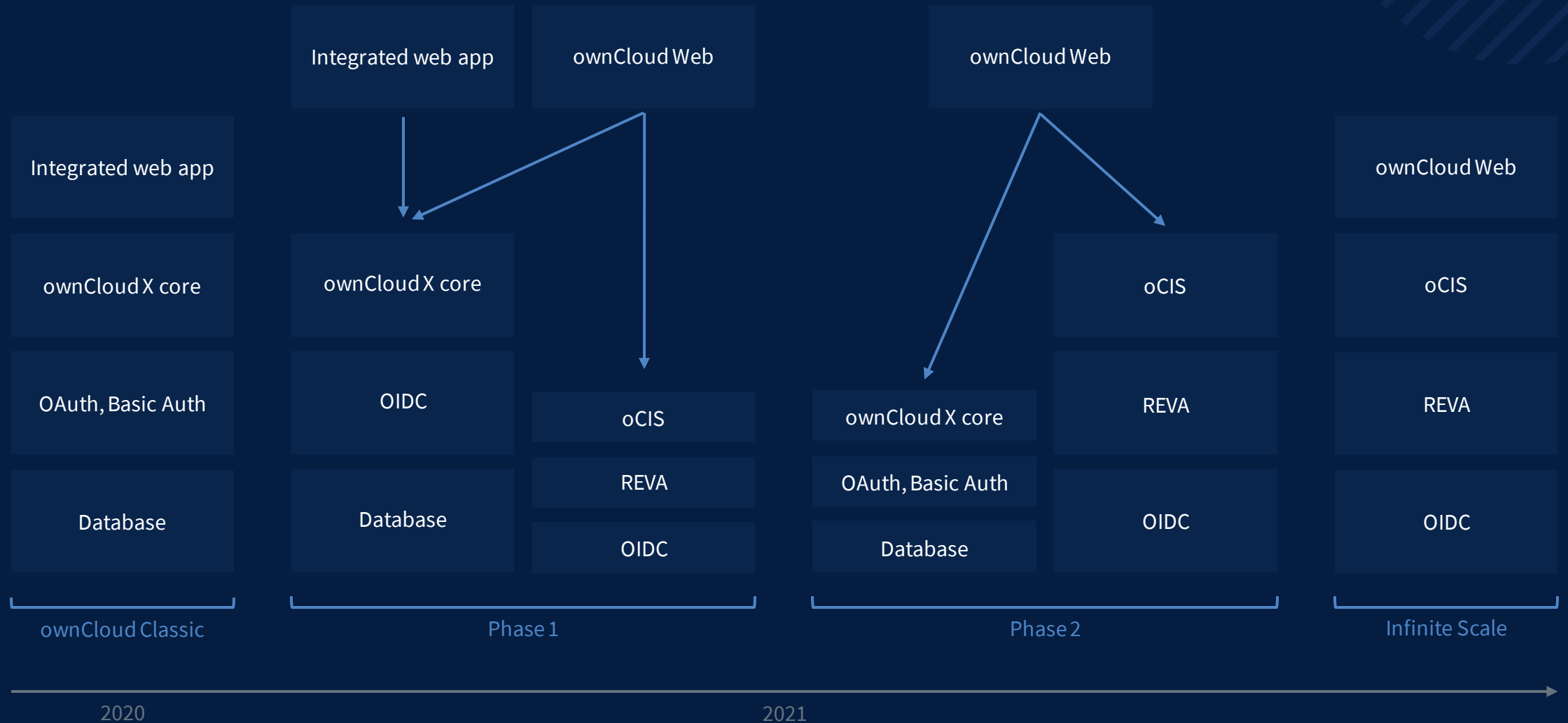
Modern user experience: new clients

# v1.0.0 / Release date: Dec 18, 2020

- Comes out of the box with ownCloud Web
- Feature set is file, sync and share
- Not yet production quality but good for tests
- Benefits in performance, scalability, security
- “Cloud ready” deployments
- Future of ownCloud’s server core



# Transition path





# Ready, set, ... go!



## All clients support the new backend

- iOS, Android, Desktop
- ownCloud Web works with both backends
- OpenID Connect as new authentication method



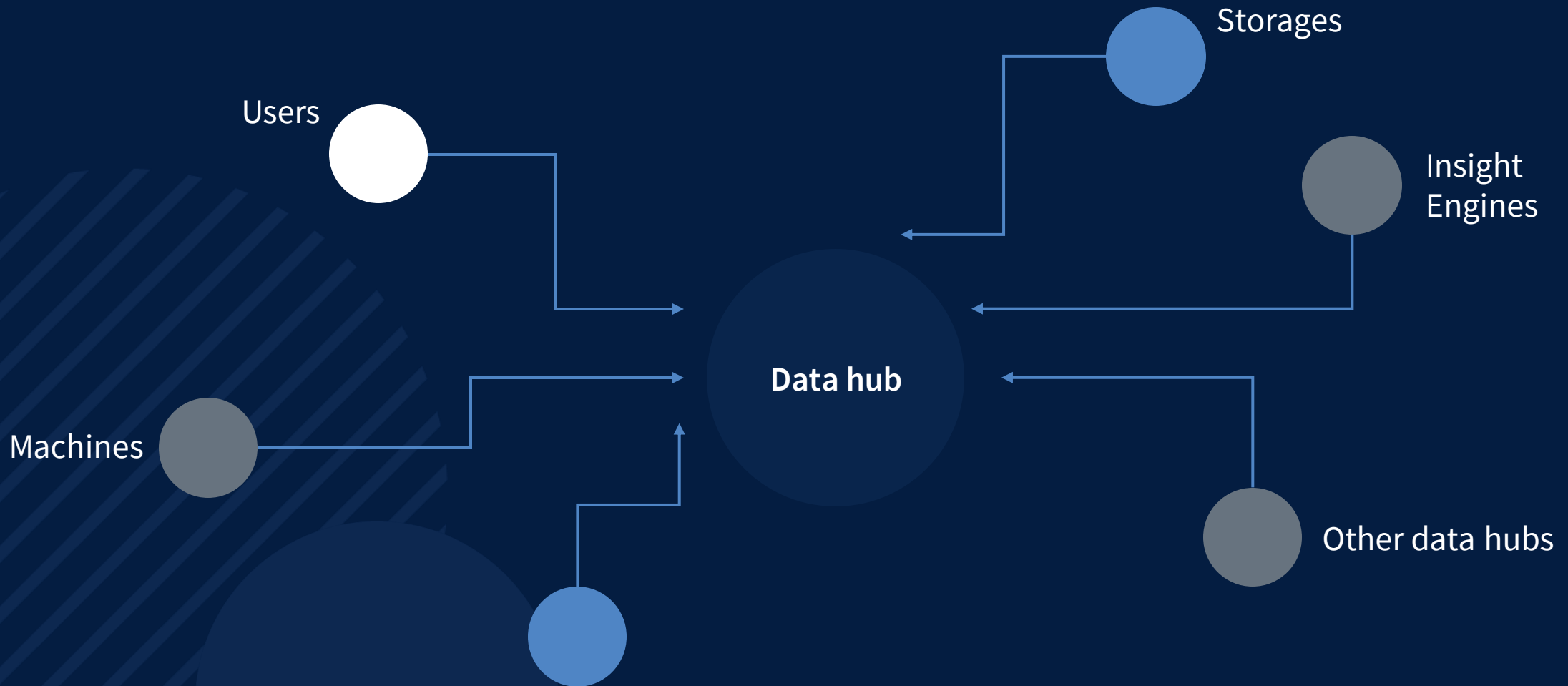
## Data migration

- Export/Import of data (in development)
- In-place migration (planned)

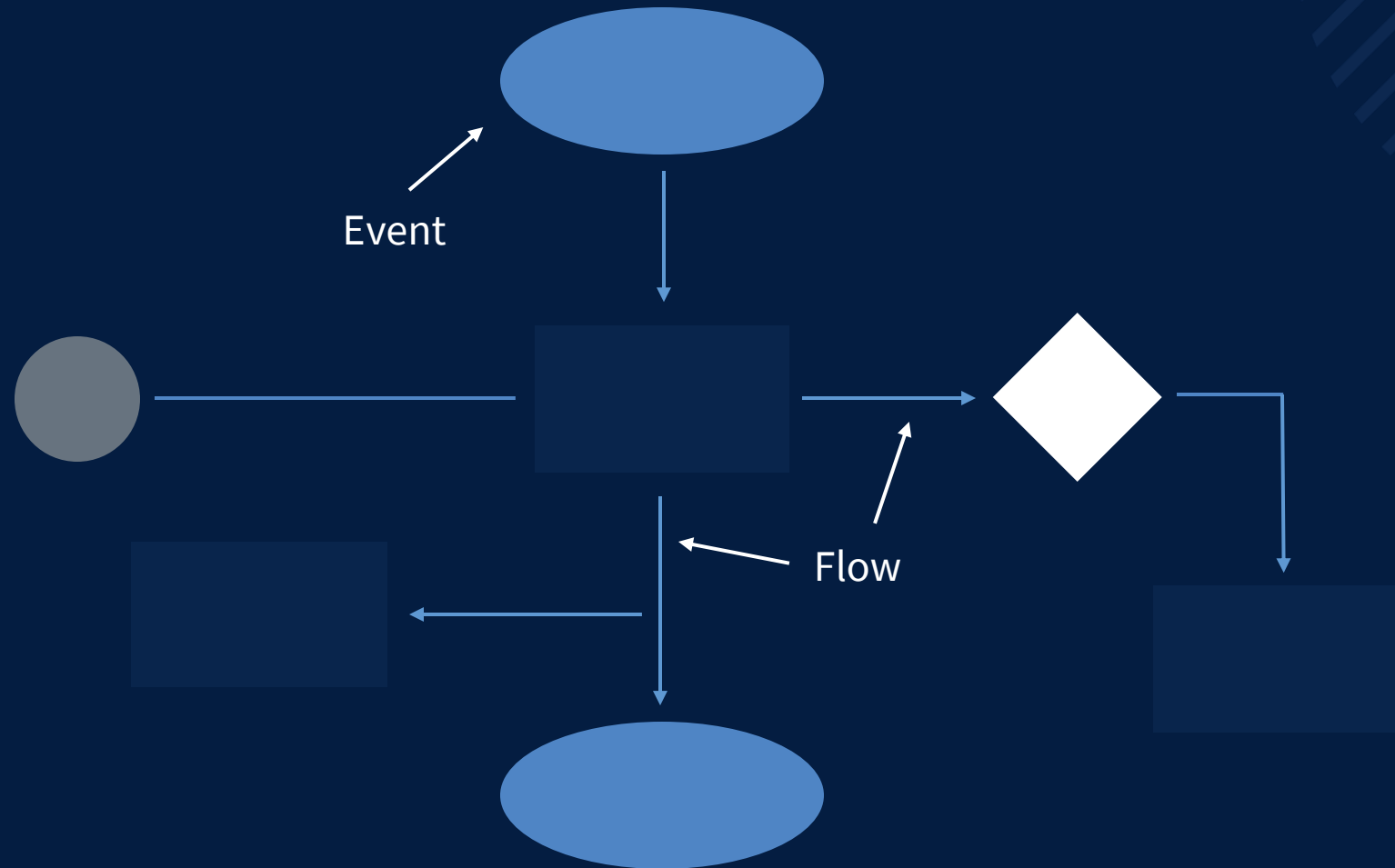
# Technical roadmap 2021

- Hardening, resilience and performance improvements for the Infinite Scale backend
- PHP 8 for ownCloud Classic backend
- Drive the adoption of ownCloud Web (branding, support more ownCloud Classic features)
- Promote extension system & Office integrations
- Spaces (project/team folders with dedicated quota, trash bin, properties and multiple owners)
- More storage drivers (S3 & Spectrum Scale)
- Event system and first workflows (Notifications & Auditing)

# Product focus #1 Data hub



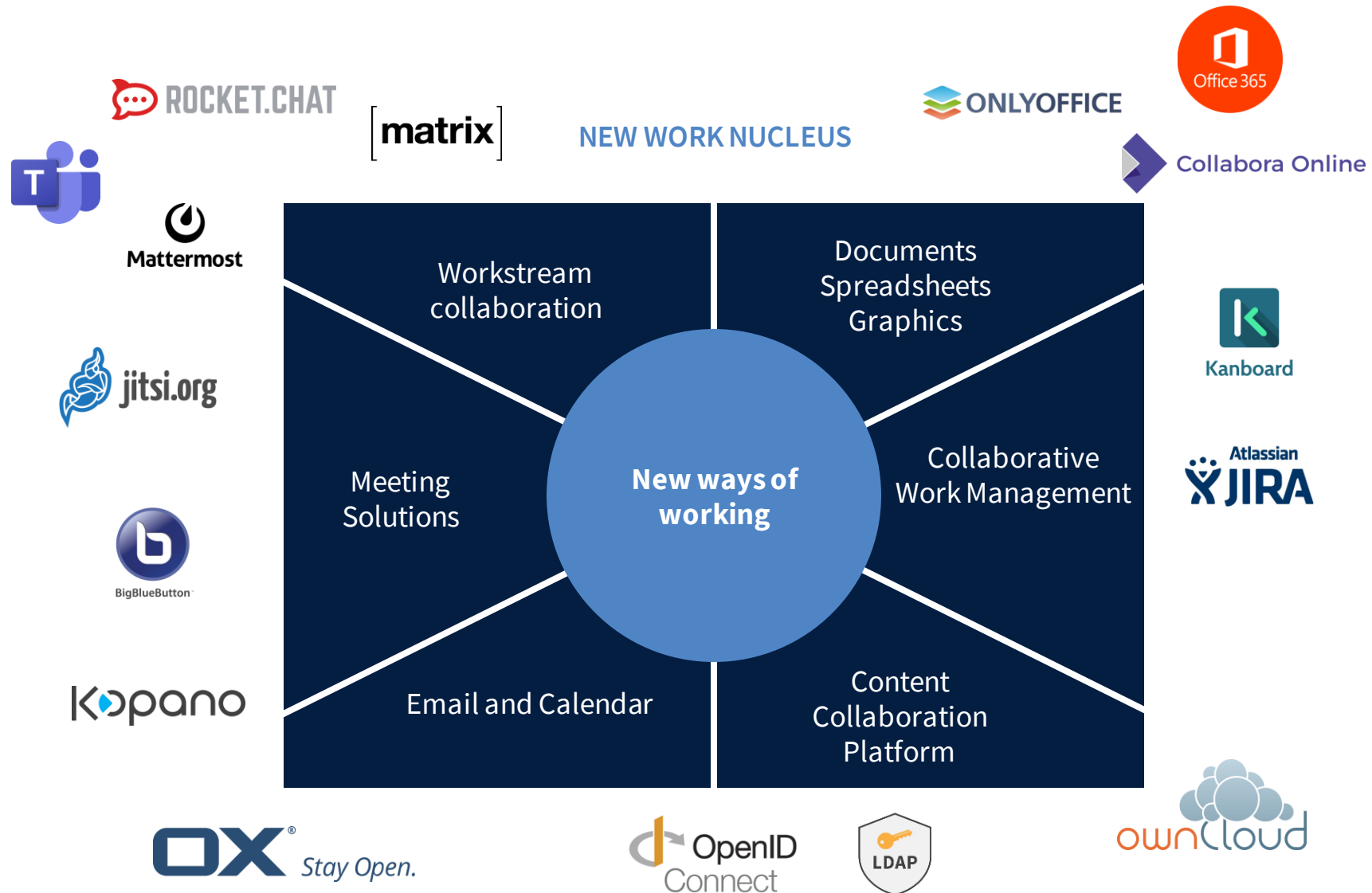
# Product focus #2 Workflows



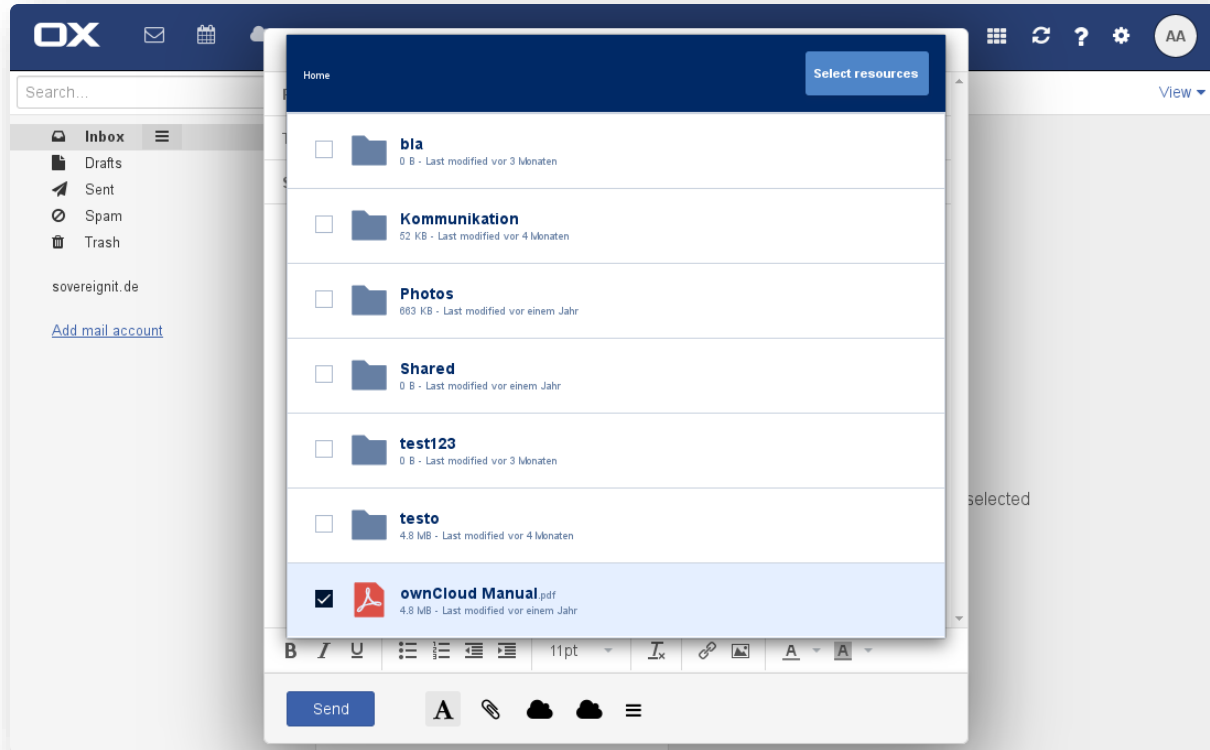
# A sovereign workspace

What it takes

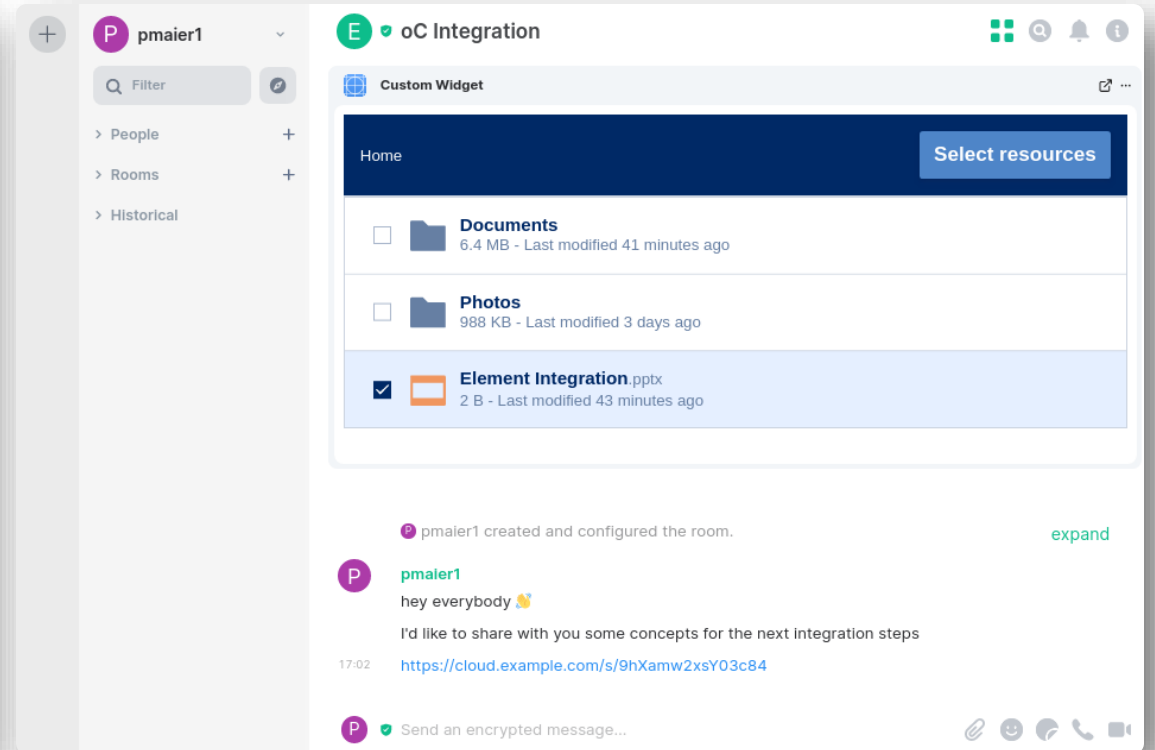
# Digital collaboration is more than productivity



# Productivity + Control = Sovereignty



ownCloud OX integration



ownCloud Matrix/Element.io integration

# Community & collaboration

All-in



# Achieving more together

- Respecting and building on open standards
- Maintaining an open development model
- Share: code, control, responsibility

## What we do

- ownCloud Infinite Scale is based on REVA and CS3 APIs
- Contributions to upstream projects like TUS, OIDC, glauth, Go libraries
- Increased developer activity in shared repos like REVA
- New role at ownCloud: Collaboration Manager – improving cross-organizational collaboration

# Next steps

- Align community standards: Code standards, PR & Review workflows, technologies e.g. dependencies, CI
- Alignment on roadmaps and releases
- Become a more visible player in the open-source ecosystem
- Active participation: oCIS, cs3mesh4eosc

## Our proposal

- Discuss community standards together
- oCIS early adopter group – Join us to roll out oCIS
- Meet to hack: Let's plan a hackathon for the ecosystem

# Join the collaboration!



[chat.ownCloud.com](https://chat.ownCloud.com)  
#infinitescale

[central.ownCloud.org](https://central.ownCloud.org)  
#oCIS



CS3 Organization  
#REVA



[/ownCloud/ocis](#)  
[/ownCloud/web](#)  
[/ownCloud/core](#)

# More here at CS3

## Towards push notifications in ownCloud Infinite Scale

Wednesday Jan 27, 2021 / 11.30am

## The oCIS storage driver – a deconstructed filesystem

Wednesday Jan 27, 2021 / 1.50pm



**Dr. Jörn Friedrich Dreyer**  
Chief Architect oCIS

