

SAPEURS POMPIERS
DE LA MOSELLE

arawa 

**SDIS 57 : a libre pathway
to revamp collaborative
services**



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Introduction to SDIS 57 and Arawa

- SDIS (Service Départemental d'Incendie et de Secours) is Moselle's department Fire and Rescue Service
- Ensures civil protection missions
- 5000 persons including 900 professionals firemen and 4000 volunteers
- 5 companies, 22 districts, ~180 stations

Arawa: Open source collaboration

- Our goals:
 - Provide users with the open collaboration tools they need
 - Keep control of the data hosting and privacy
 - Expand usage and access to information
 - Integrate with existing systems
 - Offer a secure, flexible, scalable and future-proof solution



Arawa's offerings



Nextcloud



Collabora Online



LibreOffice



OnlyOffice



Tracim



BigBlueButton



Rocket.Chat



Element



OpenProject



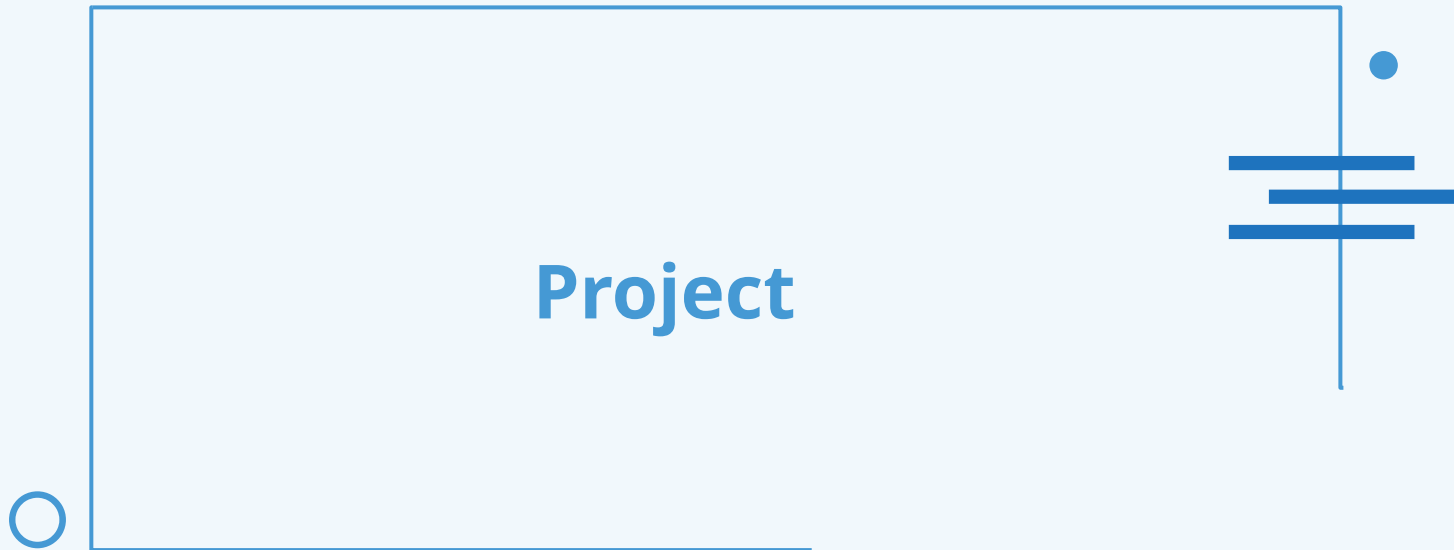
Workspace



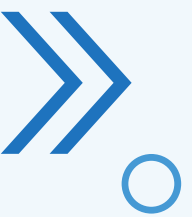

Monitor

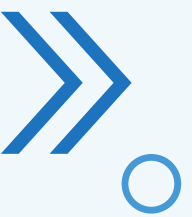



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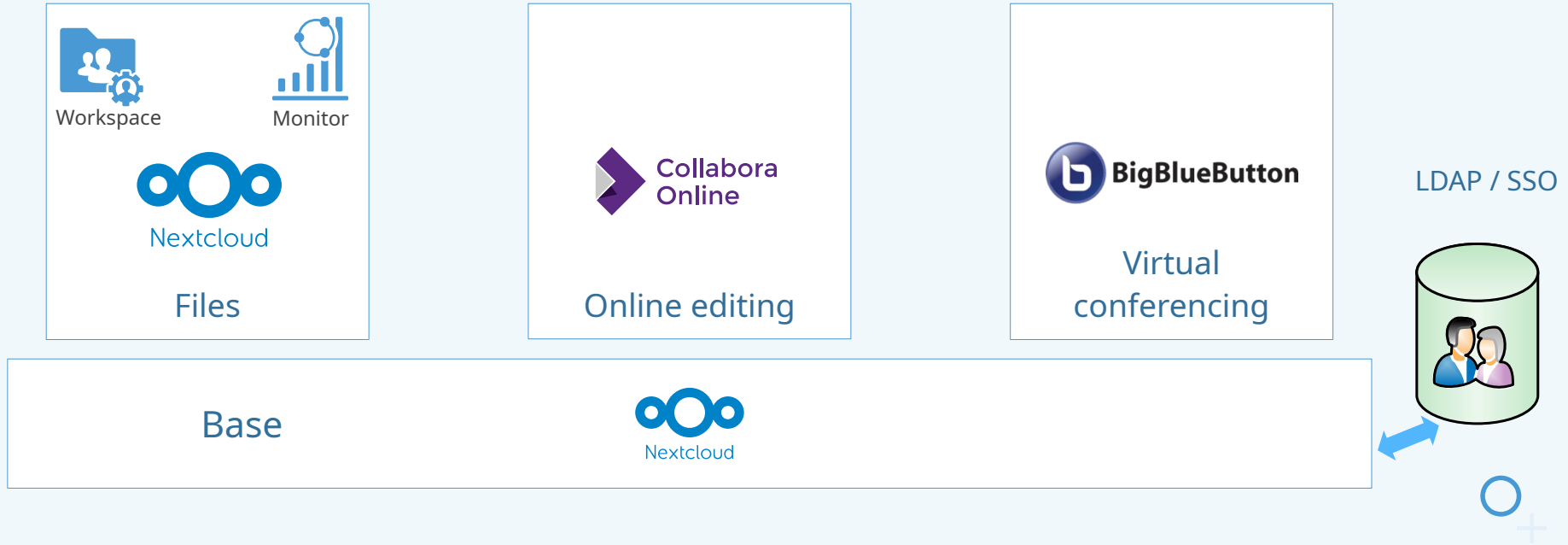


Primary needs

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- A collaborative space to share files
 - Data sovereignty and full control
 - Replace current file servers that became hard to maintain and were not centralized
 - Prevent data duplication and gather it all into a simple common tool
 - Simplify accesses and nomad uses for different systems, OS and devices
 - Ability to have a collaborative file edition on open formats
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- Seamless integration with existing LDAP / SSO
 - Give room for each district to be independent on its own sharing file management
 - Allow for a hierarchical and intersecting (between districts) file structure
 - Offer a reliable and high-performing virtual conferencing system
- 

Collaborative platform

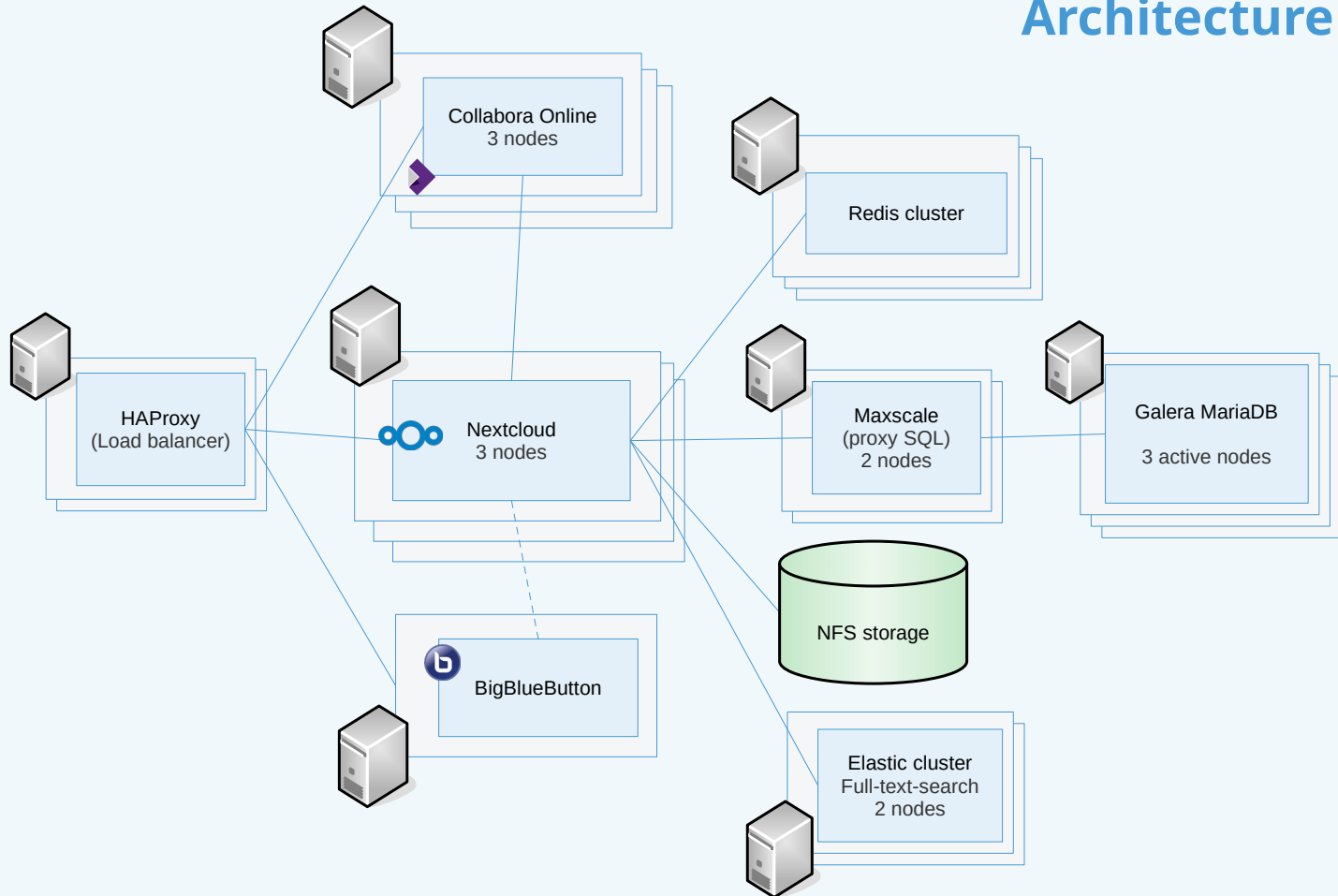




Implementation

- 2020: Tests / Proof of concept with 50 users
- 2021: full scale deployment
 - 1 000 employees
 - 4 000 volunteers
 - Across 22 districts
 - 180 stations

Architecture





Functional

- Training SDIS 57's functional administrators
- Docs and guides intended for them
- Docs and guides for the final users




Technical

- Knowledge handover to SDIS 57's technical staff
- Exploitation and administrative docs



Retrospective and evolution

- 
- Extremely happy users
 - No evolutions required by the users (yet!)
 - 2 500 active users
 - Replaced all 40 file servers
 - Require more introduction to the new tools



- Enroll even more users
 - Increase communication around the service
- Always is a FOSS scope

- SDIS 57 obtained collaborative open-source software covering critical needs while offering data security and control
- The Arawa team is glad to have been able to support SDIS 57 in setting up these systems. We remain at the disposal of any organization interested in deploying a collaboration tool such as Nextcloud, Collabora Online or BigBluebutton



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Merci!

**Questions?
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Arawa-collaboration-opensource

