

# CS3 2020, Kopenhagen, bwSync&Share

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Steinbuch Centre for Computing (SCC) - [www.scc.kit.edu](http://www.scc.kit.edu)



# Operational Aspects

## Service control

(strongly based on **AAI**

(bwIDM = SAMLbased IdPs

=> scaling), e.g.:

- registration („Ack“ of „terms of use“),
- de-/provisioning of accounts, ...

- „Ack“ of sharing, ownership transfer, ...

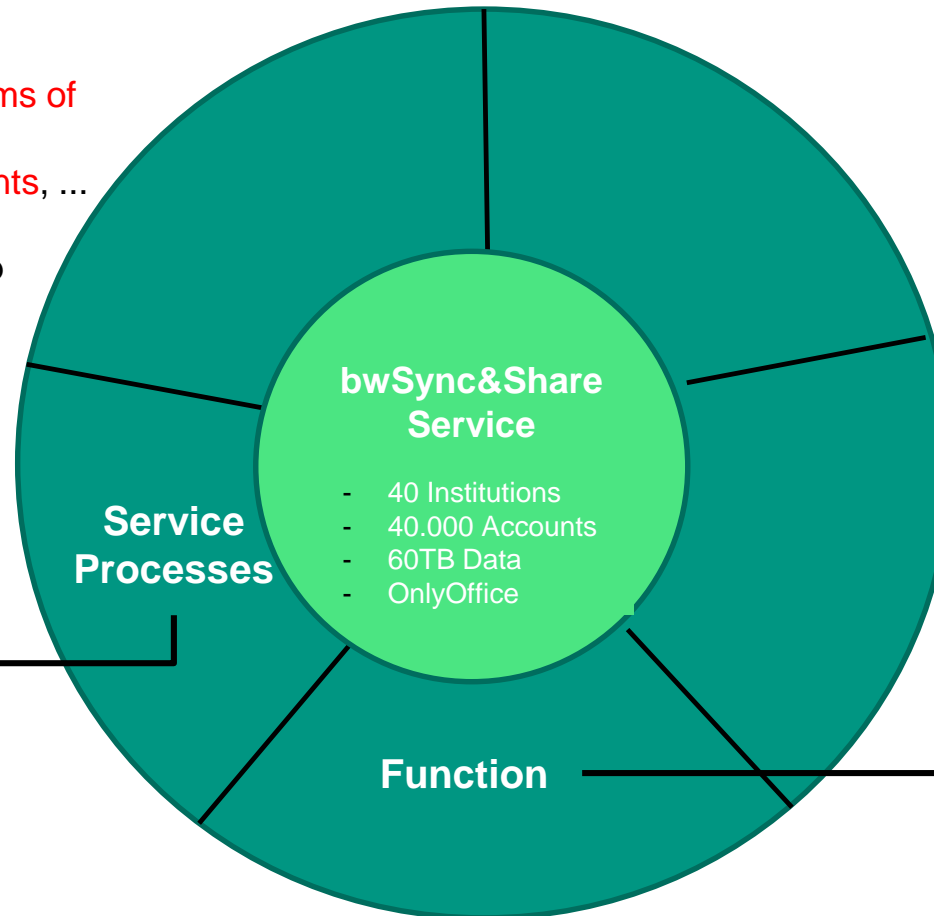
- Documentation: service description, FAQ, ...

(Coincide with other aspects => next slide)

**bw** = Baden-Württemberg, Germany

**bwSync&Share** = country-wide

Sync&Share Service for Institutions (edu)



## Software

- Actual Powerfolder
- Imminent migration to Nextcloud

Some Standardtopics

- Webediting:  
**OnlyOffice**
- Merging of accounts (several mailing addresses)
- Ownership transfer
- **Server based / E2E encryption**
- **Monitoring**
- **S3/NFS, ...**

# Administrative Aspects

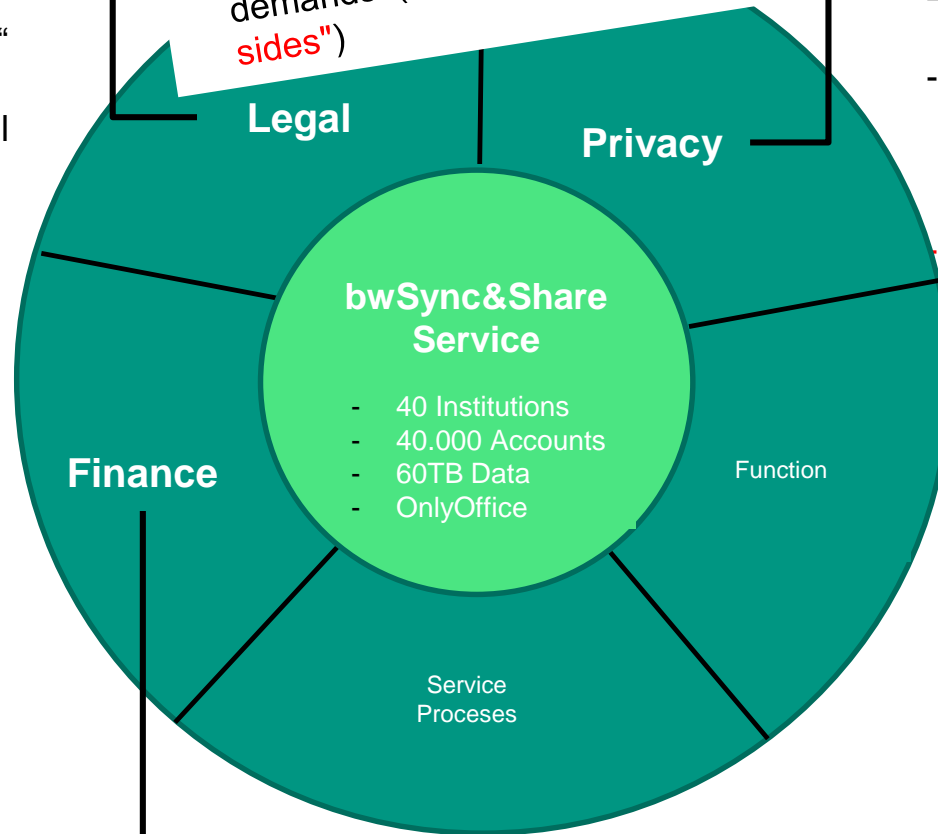
**We are NO privacy OR legal, NOR finance experts!**  
 ⇒ Intensive communication necessary with legal, finance **privacy departments!** Building a common understanding to match administrative/legal and functional demands („time intensive for both sides“)

## Usage Conditions

- Costs/Y, Month
  - Liability,
  - Notice period, ...
- ⇒ Set up „Usage Contract“ (with institution not users)
- **Money transfer!** Essential for finance/billing!

## Costs

- (€ **Transition from a sponsored project to a „self-feeding“ service**)
  - 
  -
- ⇒ Set up „Cost Model“
- account per year/month
  - vs. flatrate per institution
- ⇒ accounting/billing procedures have to be regarded



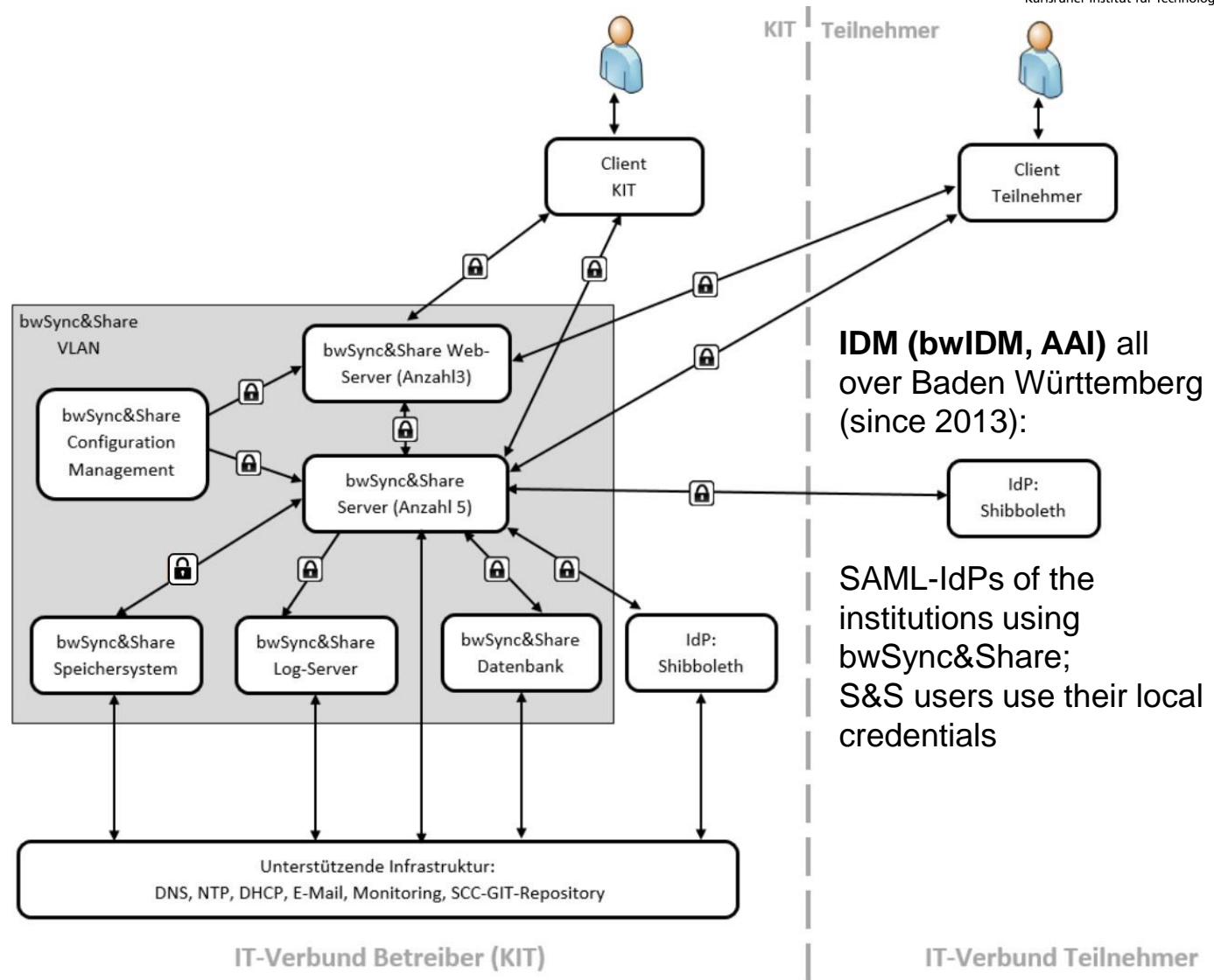
## Personal Data

- Processed where, why, how?
- ⇒ Set up „Privacy Contract“
- General Data Protection Regulation (EU) 2016/679 ("GDPR"/"DSGVO")
  - **Inspection measures,** e.g.:
    - Access to serverrooms, on servers, on data medium, data, separation of user data and (user's) personal data, ...
    - Also support contracts to be regarded
    - Encryption: Access to data for users, admins, supporter, ...

# Structural Overview

**Service staff**  
**bwSync&Share:**  
 Overall about 2,5-3 persons (FTE) for operations, 2nd-level support and „organizational“ administration

+ additional personnel for basic services, infrastructure (storage, virtualization, ...)



**IDM (bwIDM, AAI) all over Baden Württemberg (since 2013):**

SAML-IdPs of the institutions using bwSync&Share; S&S users use their local credentials

# Thank You For Your Attention!

## Any Questions?

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