Fachhochschule Nordwestschweiz
Services

AAI and ADFS with SharePoint

The intranet project «INSIDE FHNW» – requirements and architecture

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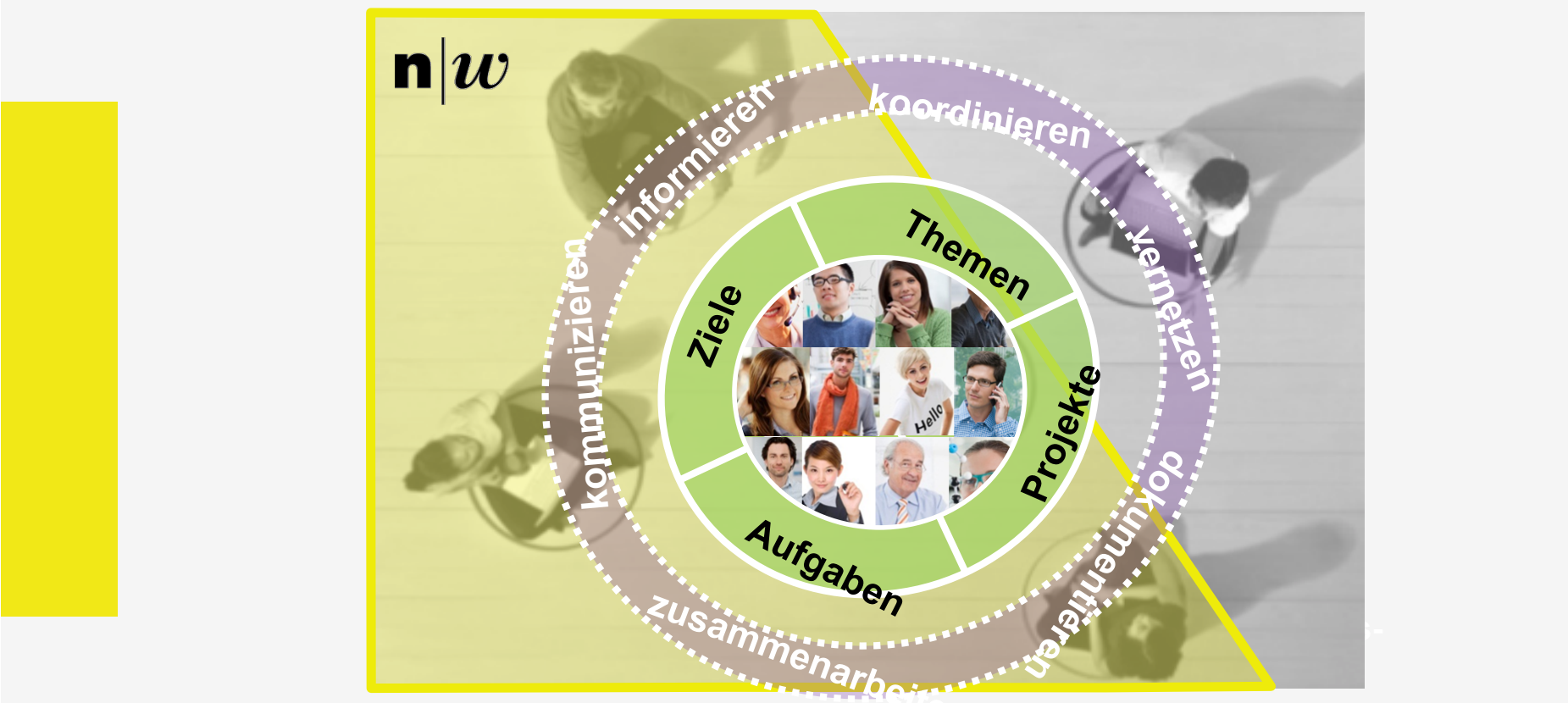
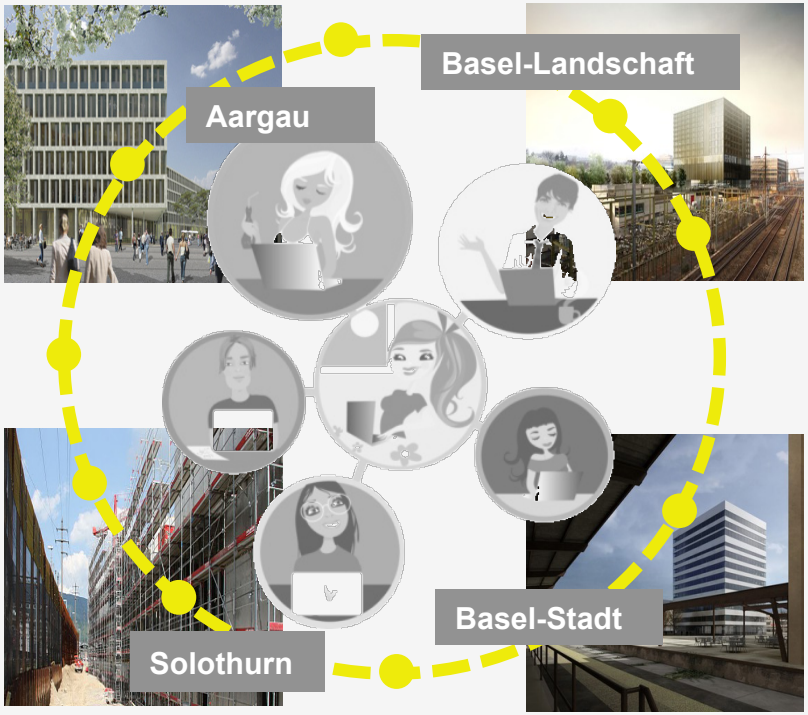


Inside FHNW

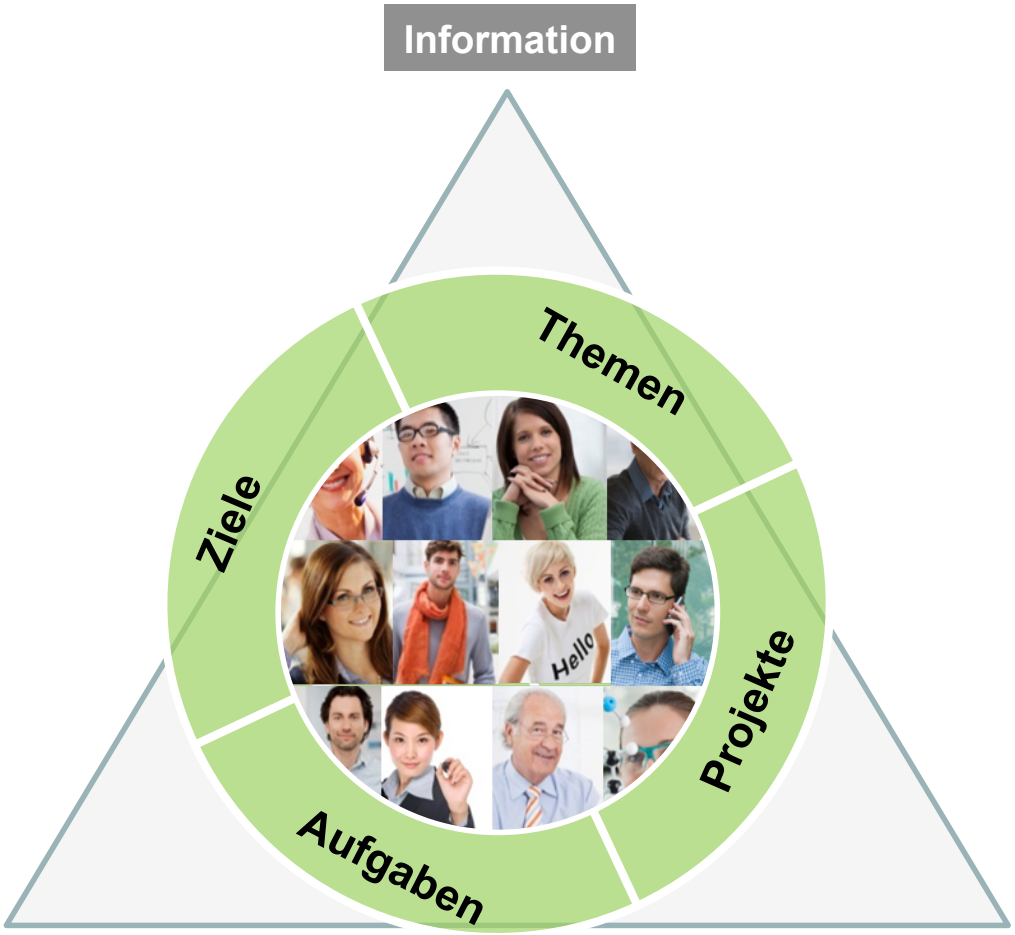


Vision

The intranet portal is **THE** central point of entry to **ALL** relevant tools, applications and information that are **integrated** into the FHNW systems architecture.

Core idea (1/2)

The user with their need for information, communication and collaboration is at the center

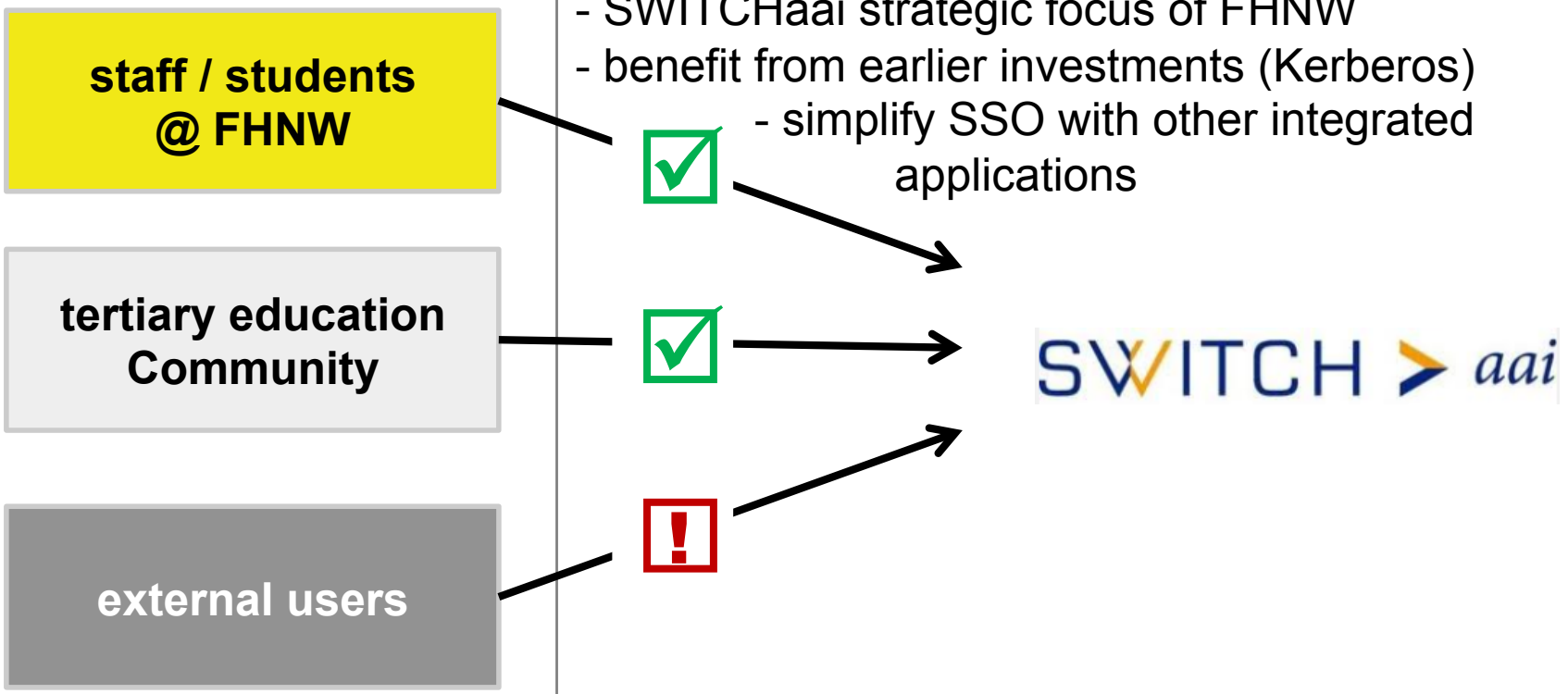


Core idea (2/2)

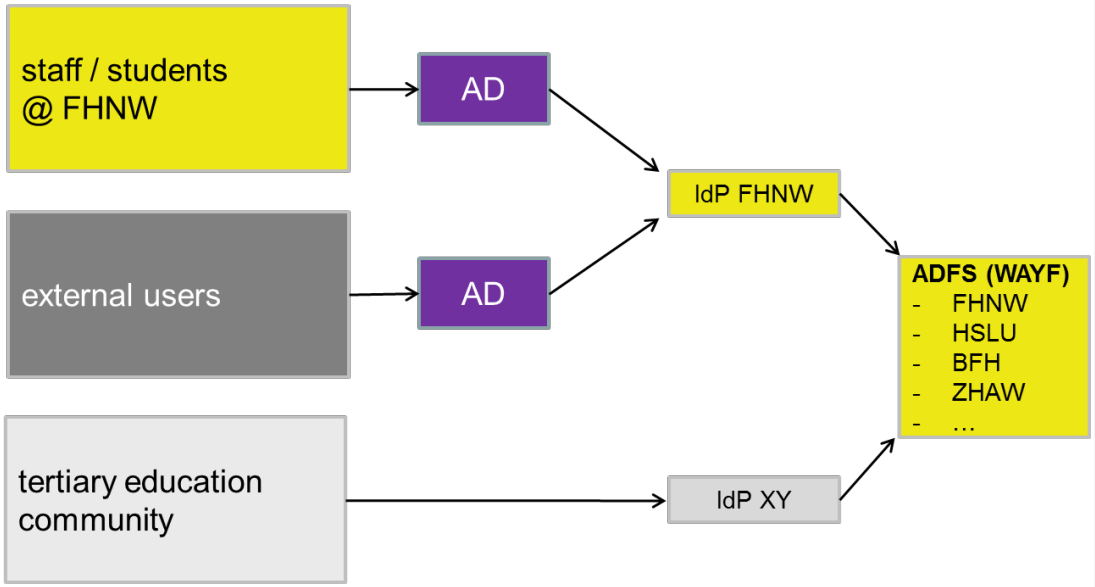
The user with their need for information, communication and collaboration is at the center

Collaboration platform: authentication for different user groups

Challenge	Key factors
3 groups of users	- same technology for all user groups - SWITCHaai strategic focus of FHNW - benefit from earlier investments (Kerberos) - simplify SSO with other integrated applications



Key use case: creation of collaboration space

Requirements	Proposed architecture
- Possible for every staff or student - Without administrator intervention - Invitation of external users integrated	Additional directory (AD) for external users  VHO not suitable for this case, because comprehensive integration is not possible

Key use case: End-user choice of IdP

Requirements	Proposed architecture
- external users should be able to use an AAI-enabled account of their choice to access a collaboration space - extendable to include further login scenarios (i.e. Google) at a later stage	- SharePoint does not need to know about how the user was authenticated - ADFS server provides possibility to link different login credentials to the same SharePoint user - Self-service app allows user to switch login method (IdP) and re-authenticate himself

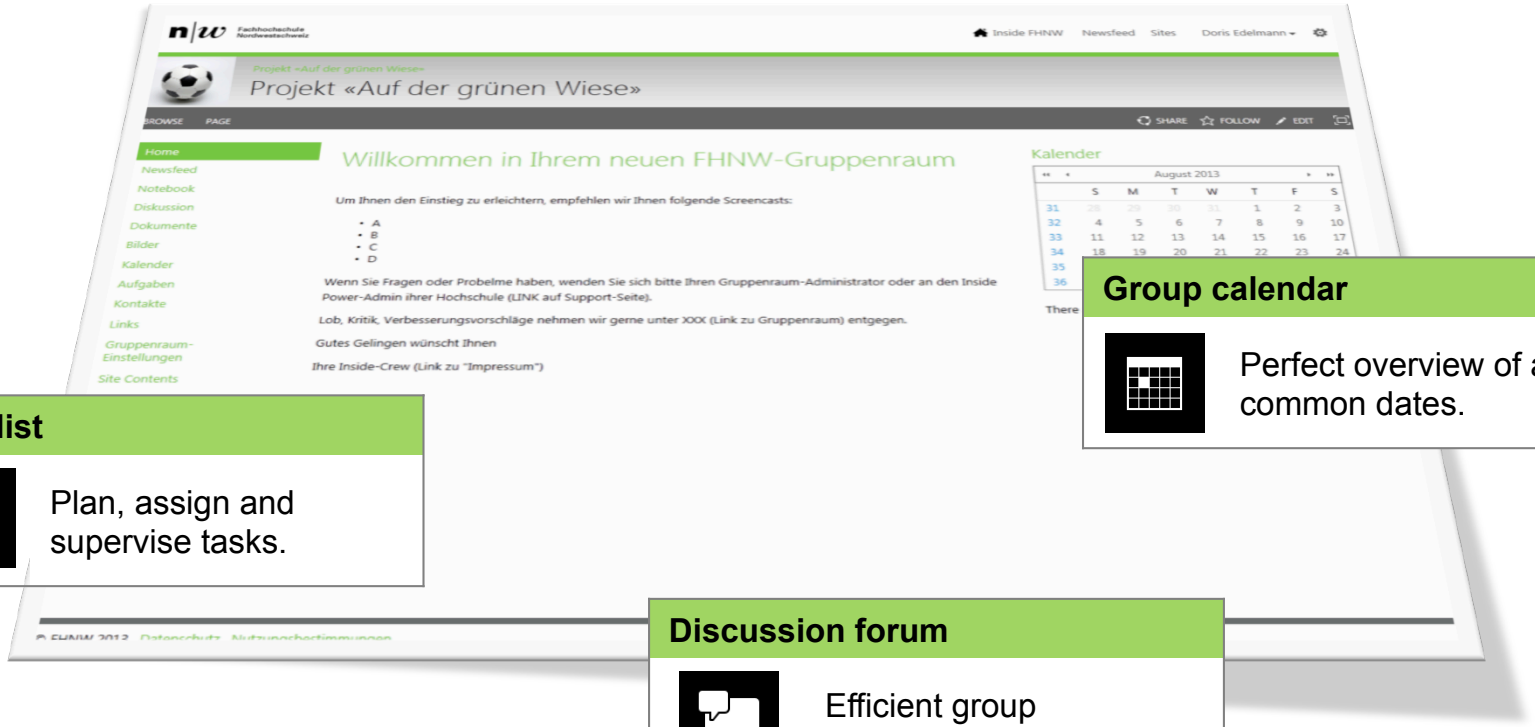
Core feature of «*Inside* FHNW», stage 1: Collaboration platform
Overview of key functionalities

Document collaboration

Collectively work on documents and store them in a central location.

Create collaboration space

All FHNW members, no administrator needed



Group calendar

Perfect overview of all common dates.

Task list

Plan, assign and supervise tasks.

Discussion forum

Efficient group communication.

Questions?

Contact

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