SWITCH edu-ID
Status at Organisations & Adoption Scenarios

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edu-ID Update Event
27.6.2018, Berne
The 7 early birds

• contributed to define **requirements** and to elaborate **scenarios**

• triggered development of **components** useful for all organisations (APIs, administrative interface, technical accounts etc.)

• could plan with a long lead time (influence on IdM redesign, relation to student portal etc.)
First “jumpers” integrating SWITCH edu-ID

2017: SWITCH

2018: UNILU, PHZUG, FernUni

2018/19: UNIL, UNISG, ZHAW, .. HSLU, PHSZ, …

2019: UNIFR, FHNW, …

(to be confirmed)
Adopting edu-ID at SWITCH

- Involved parties at the Organization
  - Human resources 1d
  - IdM/Account management 3-4d
  - Support 1d
  - Communication 1d
- Everything went smoothly
Who is on the way?

2017
Planning: 7
Adoption: 1

2018
Planning: 12
Adoption: 3-4

2019
Planning: ?
Adoption: 3-6

2020
Planning: ?
Adoption: ?
Project Deployment Steps

• Depl. 1 (2017/18)
  – Planning: early birds EPFL, UNIFR, UNIGE, UNIL, UNISG, FHNW, ZHAW

• Depl. 2.1 (2018)
  – Planning & Adoption: UNILU, FernUni, PHZG

• Depl. 2.2 (2018/19)
  – Planning: UNIBE, UNINE, BFH, FHSG, HES-SO, HSLU, HTWChur, HWZ, NTB, ZHdK, PHBern, PHSchwyz
  – Adoption: UNIL, UNISG, ZHAW

Depl. 3/4 (2019/20) (not confirmed yet)
  - Planning: FFHS, HSR, PHZH, your organisation?
  - Adoption: UNIFR, FHNW, your organisation?

Compare https://projects.switch.ch/eduid/adoption/
Planning Activities (Workshops)

1. Involve stakeholders
   (decide who to involve for input, acceptance, planning & support)
2. Define user base (students, staff, continuing education, guests, etc.)
3. Formulate institutional goals and expected benefit
4. Analyse relevant IdM processes (as on- and offboarding)
5. Describe migration scenarios for different user groups
6. Write project plan for adoption
   (duration, resources, development tasks, communication etc.)

→ Result: usually internal project application

https://projects.switch.ch/eduid/adoption/step1-concept/
Stakeholders (Planning)

Leading “actors”
- Central IT
- Service Providers
- Management
- Students
- Teachers
- Researchers

Additionally involved
- Registration Office
- Certification Office
- HR
- Continuing Education
- Library
- Career Services
- Alumni
- Support
- Administration
- Communication Dept.
- Legal Office
- Security Office
- Facility Management

External Parties
- Headhunters
- Job Markets
- Companies (HR)
- Content (Platform) Providers
- Publishers
- Social Networks
Prepare Communication

• part of planning
• work during adoption phase

→ Currently communication guide under revision by UNILU
Evaluate Linking Options

Understand options and choose appropriate for different user groups as students and staff:

<table>
<thead>
<tr>
<th>New members</th>
<th>Current members</th>
</tr>
</thead>
<tbody>
<tr>
<td>at Registration</td>
<td>before Day X</td>
</tr>
<tr>
<td>at Admission</td>
<td>at Day X</td>
</tr>
<tr>
<td>after Admission</td>
<td>after Day X</td>
</tr>
</tbody>
</table>

(Possible combinations like start with "before Day X" and continue with “at Day X” for tardy users)

https://projects.switch.ch/eduid/adoption/linking-methods/
## Different Linking Options

<table>
<thead>
<tr>
<th>New members</th>
<th>Current members</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>at Registration</strong></td>
<td><strong>before Day X</strong> linking by users (with AAI or organisational account)</td>
</tr>
<tr>
<td>adapt registration application;</td>
<td></td>
</tr>
<tr>
<td>organisation knows identifier and</td>
<td></td>
</tr>
<tr>
<td>releases affiliation later</td>
<td></td>
</tr>
<tr>
<td><strong>at Admission</strong></td>
<td><strong>at Day X</strong> edu-ID created for users not having already one (→ risk of duplicates)</td>
</tr>
<tr>
<td>registration not touched; when</td>
<td></td>
</tr>
<tr>
<td>organisational account is created</td>
<td></td>
</tr>
<tr>
<td><strong>after Admission</strong></td>
<td><strong>after Day X</strong> users without linked edu-ID loose access → linking by users with organisational account</td>
</tr>
<tr>
<td>on demand</td>
<td></td>
</tr>
</tbody>
</table>

(Possible combinations like start with "before Day X" and continue with “at Day X” for tardy users)

https://projects.switch.ch/eduid/adoption/linking-methods/
## Define your Scenario

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UNILU</td>
<td>at Admission, before day X, Org-Push</td>
<td>after Admission, edu-ID Linking service, Org-Push</td>
<td></td>
<td></td>
<td>Admin interface</td>
</tr>
<tr>
<td>UNIL</td>
<td>at Admission, before day X, Org-Push</td>
<td>at Admission, before day X, Org-Push</td>
<td></td>
<td></td>
<td>API</td>
</tr>
<tr>
<td>UNISG</td>
<td>after Admission, before day X</td>
<td>after Admission</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZHAW</td>
<td>at Admission, at day X, Org-Push</td>
<td>at Admission, at day X, Org-Push</td>
<td>via ONLA or IdM triggering, at day X, Org-Push</td>
<td></td>
<td>current members: new registration; new members: no linking, entitlement attribute</td>
</tr>
</tbody>
</table>

### Your Organisation

| | | | | | |
|---|---|---|---|---|
Experiences from Workshops

Planning effort
• ca. 10-20 days
• decreasing
• depending on university size and complexity of IdM processes

Complexity higher when
• IdM redesign in progress
• No central system in place
• Large organisation
• Deeper integration

→ There’s a suitable way for each organisation!
Recommendations

• Start **planning early**
  → more time for implementation

• Start **registration not too early** & not without prior planning
  → ensure linking is done

• Inform & **involve the right people**
  → ensure backing & contribution
Technical Questions

• Some information available on https://www.switch.ch/edu-id/support/

• As description of APIs
  Features: handling of affiliations, entitlements and memberships, check if email is associated with an edu-ID; update fields (like last login time), trigger attribute queries etc.

→ Use planning project or contact directly our team in case of questions

Some parts under development – further functions might be implemented (depending on needs of universities)
Legal Questions

• Feedback from cantonal officers (ZH, LU, FR)
• No answer by federal data protection officer

**Body of arguments** currently under progress
→ publication in July
See you soon!

→ 30.11.18 next possibility to start planning with funding
Working for a better digital world