Project ONLA

University of Applied Sciences and Arts Northwestern Switzerland

Zurich University of Applied Sciences

AAI & Swiss edu-ID Update 2016

(30.6.2016, Bern)

Registration Portal with Evento and Swiss edu-ID

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Project development process:

- April 2015: Start project "*Online Anmeldung*" (online registration)
  - No really suitable tool available on the market.
  - Either not enough features or competitor to existing EVENTO.
- August 2015: Clear commitment for a "**integrated solution**".
  - Not another standalone tool (and complicated interfaces…)
  - Discussing with Crealogix (manufacturer of Evento):
    - Surprising answer: "Of course Evento provides this feature which is running for several universities in Germany. But in Switzerland the universities decided years ago not to use this feature.

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Project development process :

- October 2015: Discussion with FHNW colleagues.
  - FHNW on the way to create tender documents.
  - Already decided to cooperate with SWITCH Swiss edu-ID.
- November 2015: Decision to implement the project together.
  - Solution with Evento + new WebModules and Swiss edu-ID.
  - EFHG gets new project owner for the SW-dev part in Evento.
    - EFHG = 11 universities formed together a panel to develop 'their' Evento.
    - 11 universities share the costs – and can use the new online registration.
    - ZHAW and FHNW run the project together.

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Current situation:

- Crealogix is programming since April.
- Final release will be delivered by end of September 2016.
- 5 universities will install the new release in November 2016.
- Starting with student registrations at beginning of 2017.

- Until then: We have a strict schedule and lots of work to do ☺

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Solution (overview):

- Web-frontend for candidates, Evento-client for the secretaries.
- Individual registration processes can be mapped.
- Candidates fill in personal data and upload documents and photo.
- Current status of each registration is visible at all times.
- Interaction with candidates over the frontend and per e-Mail.
- Integrated "Student Personal Data Form FFHV/FSV".
- Integrated online credit card payment.
- Authentication using Swiss edu-ID (direct or over ADFS)

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Why Swiss edu-ID?

- Challenge of identity:
  - We need to be able to identify each individual login.
  - We may not create any student account before matriculation.

➢ Swiss edu-ID offers a solution for exactly this problem!

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Key integration requirements:

- User Interface:
  - Good and clear information to user about the process
  - Customizable registration/login screens (logo, text, links)
- Technical:
  - Swiss edu-ID internal identifier available for SP
  - SAML2-Support for CLX.Evento OAuth Server

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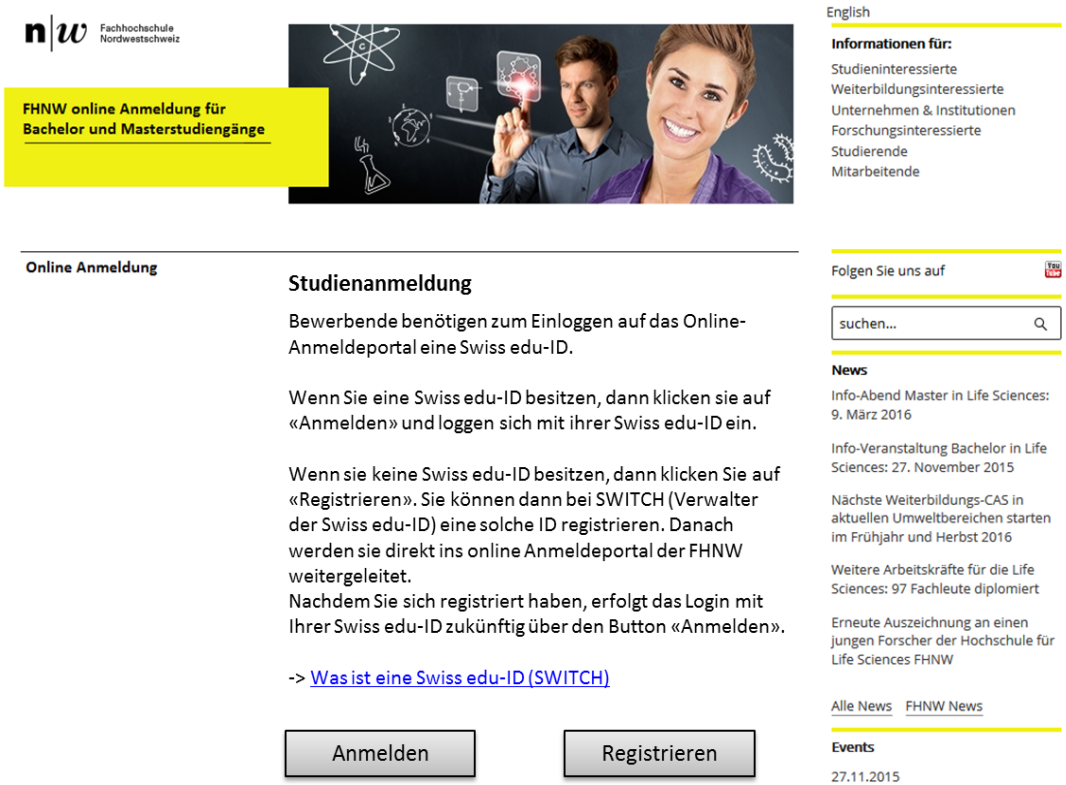
User Information (mockup FHNW):



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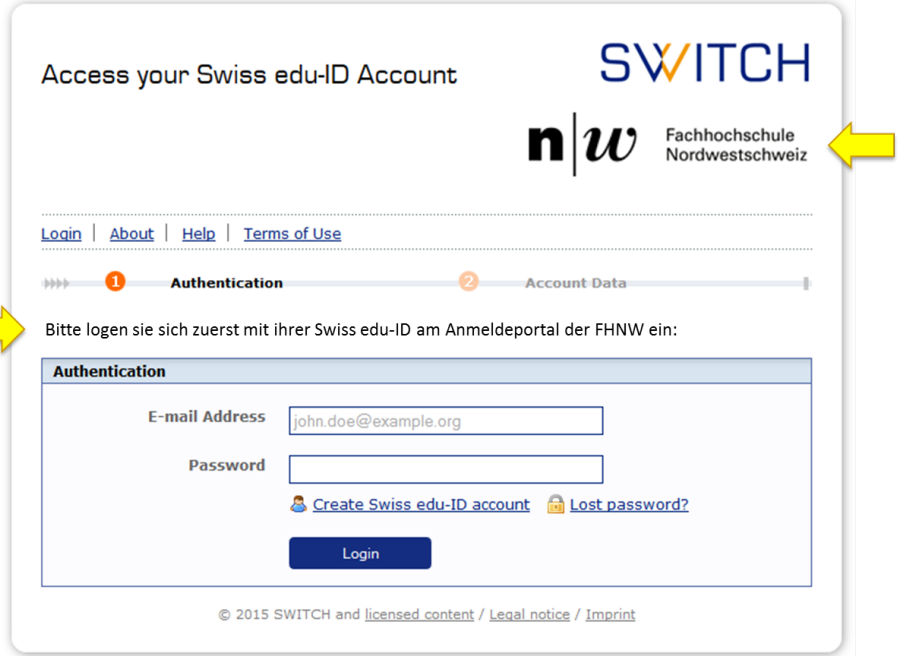
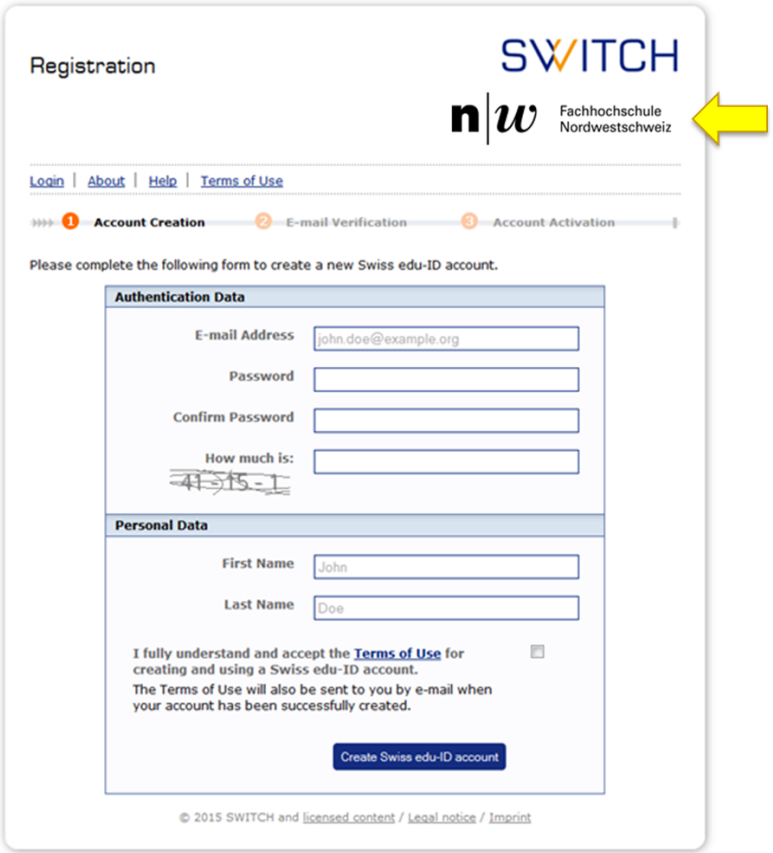
Customizable registration/login screens (mockups FHNW)





Specification draft:
https://forge.switch.ch/projects/edu-id/wiki/Swiss_edu-ID_Registration_Form_Parameters

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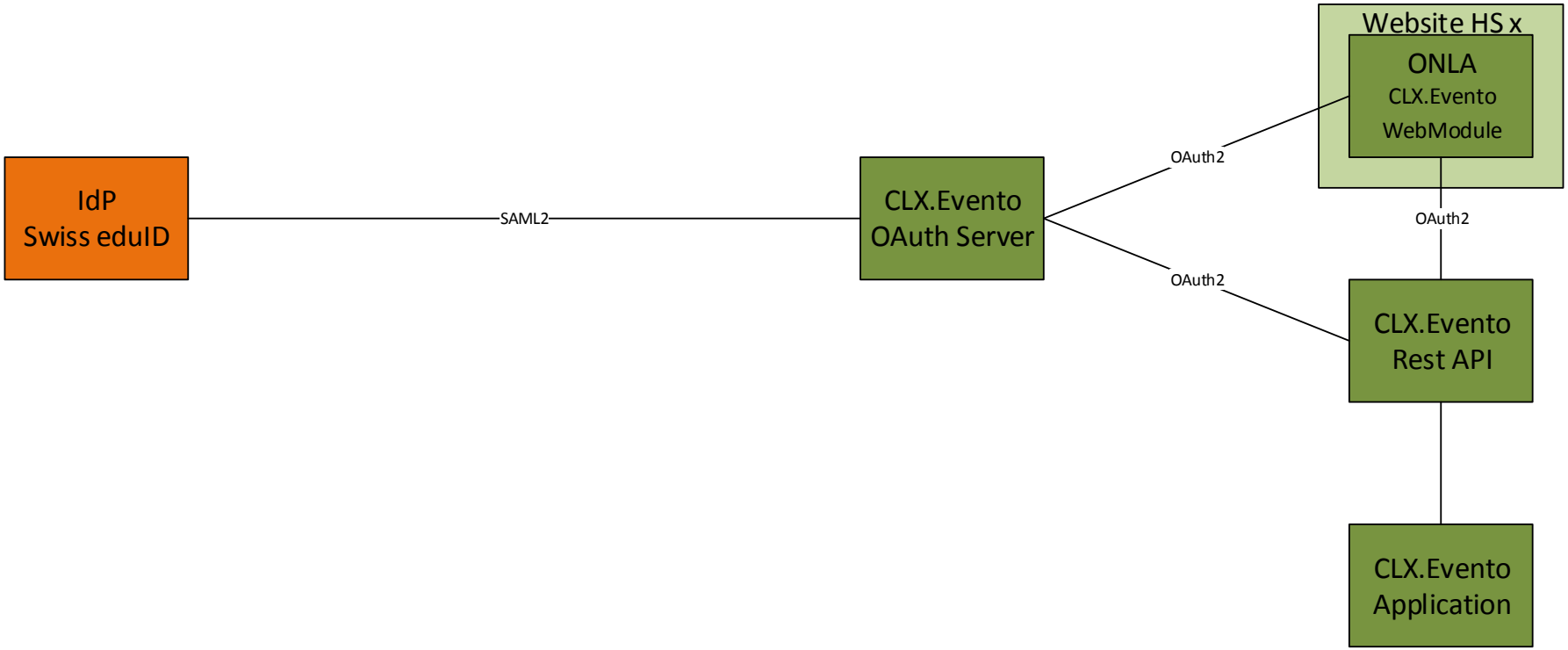
Architecture A (Swiss edu-ID exclusively):



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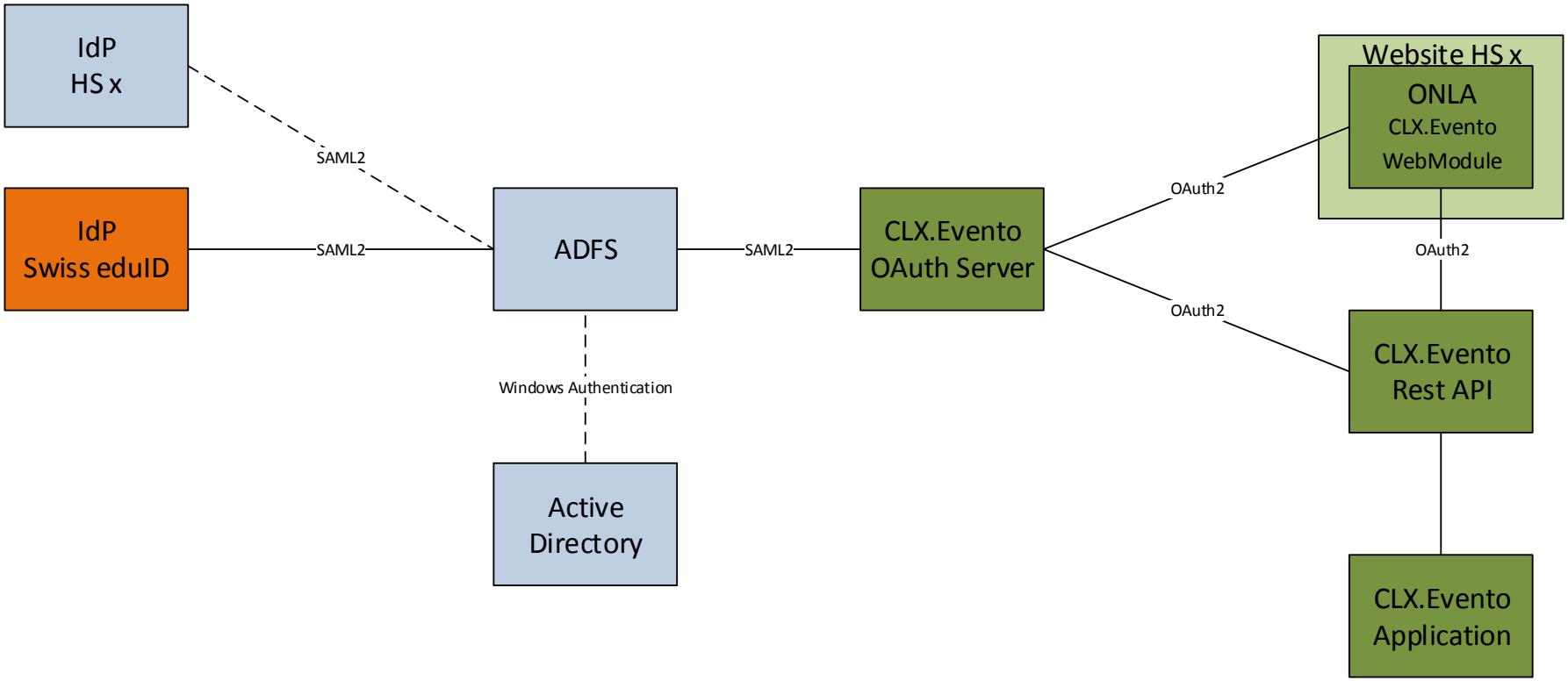
Architecture B (multiple Authentication methods):



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Technical solution with Swiss edu-ID:

- For new candidates:
  - Create a Swiss edu-ID and login to the registration portal.
  - User is created in Evento and its UID stored in the Evento-dB.
- For candidates who already have an internal account (employees, current students):
  - Architecture A: Need also a Swiss edu-ID
  - Architecture B: Login with existing AD account (via ADFS)

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Challenges with Swiss edu-ID:

- Duplicate-detection
  - Recognize at the first login of a new candidate if we already have this person in the dB.
  - Only first name + surname + e-mail is not sufficient.

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Greatest improvement for Swiss edu-ID would be:

- Social number as a unique identifier stored in Swiss edu-ID would allow us a massive reduction of duplicates.