

Project ONLA

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**zh
aw**

AAI & Swiss edu-ID Update 2016

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Registration Portal with Evento and Swiss edu-ID

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Project ONLA

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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):



Fachhochschule
Nordwestschweiz

**FHNW online Anmeldung für
Bachelor und Masterstudiengänge**



Online Anmeldung

Studienanmeldung

Bewerbende benötigen zum Einloggen auf das Online-Anmeldeportal eine Swiss edu-ID.

Wenn Sie eine Swiss edu-ID besitzen, dann klicken sie auf «Anmelden» und loggen sich mit ihrer Swiss edu-ID ein.

Wenn sie keine Swiss edu-ID besitzen, dann klicken Sie auf «Registrieren». Sie können dann bei SWITCH (Verwalter der Swiss edu-ID) eine solche ID registrieren. Danach werden sie direkt ins online Anmeldeportal der FHNW weitergeleitet.

Nachdem Sie sich registriert haben, erfolgt das Login mit Ihrer Swiss edu-ID zukünftig über den Button «Anmelden».

-> [Was ist eine Swiss edu-ID \(SWITCH\)](#)

English

Informationen für:

- Studieninteressierte
- Weiterbildungsinteressierte
- Unternehmen & Institutionen
- Forschungsinteressierte
- Studierende
- Mitarbeitende

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News

- Info-Abend Master in Life Sciences: 9. März 2016
- Info-Veranstaltung Bachelor in Life Sciences: 27. November 2015
- Nächste Weiterbildungs-CAS in aktuellen Umweltbereichen starten im Frühjahr und Herbst 2016
- Weitere Arbeitskräfte für die Life Sciences: 97 Fachleute diplomiert
- Erneute Auszeichnung an einen jungen Forscher der Hochschule für Life Sciences FHNW

[Alle News](#) [FHNW News](#)

Events

27.11.2015

Customizable registration/login screens (mockups FHNW)

Access your Swiss edu-ID Account

SWITCH

n|w Fachhochschule Nordwestschweiz

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1 Authentication 2 Account Data

Bitte logen sie sich zuerst mit ihrer Swiss edu-ID am Anmeldeportal der FHNW ein:

Authentication

E-mail Address

Password

[Create Swiss edu-ID account](#) [Lost password?](#)

Login

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Registration

SWITCH

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1 Account Creation 2 E-mail Verification 3 Account Activation

Please complete the following form to create a new Swiss edu-ID account.

Authentication Data

E-mail Address

Password

Confirm Password

How much is:

Personal Data

First Name

Last Name

I fully understand and accept the [Terms of Use](#) for creating and using a Swiss edu-ID account.

The Terms of Use will also be sent to you by e-mail when your account has been successfully created.

Create Swiss edu-ID account

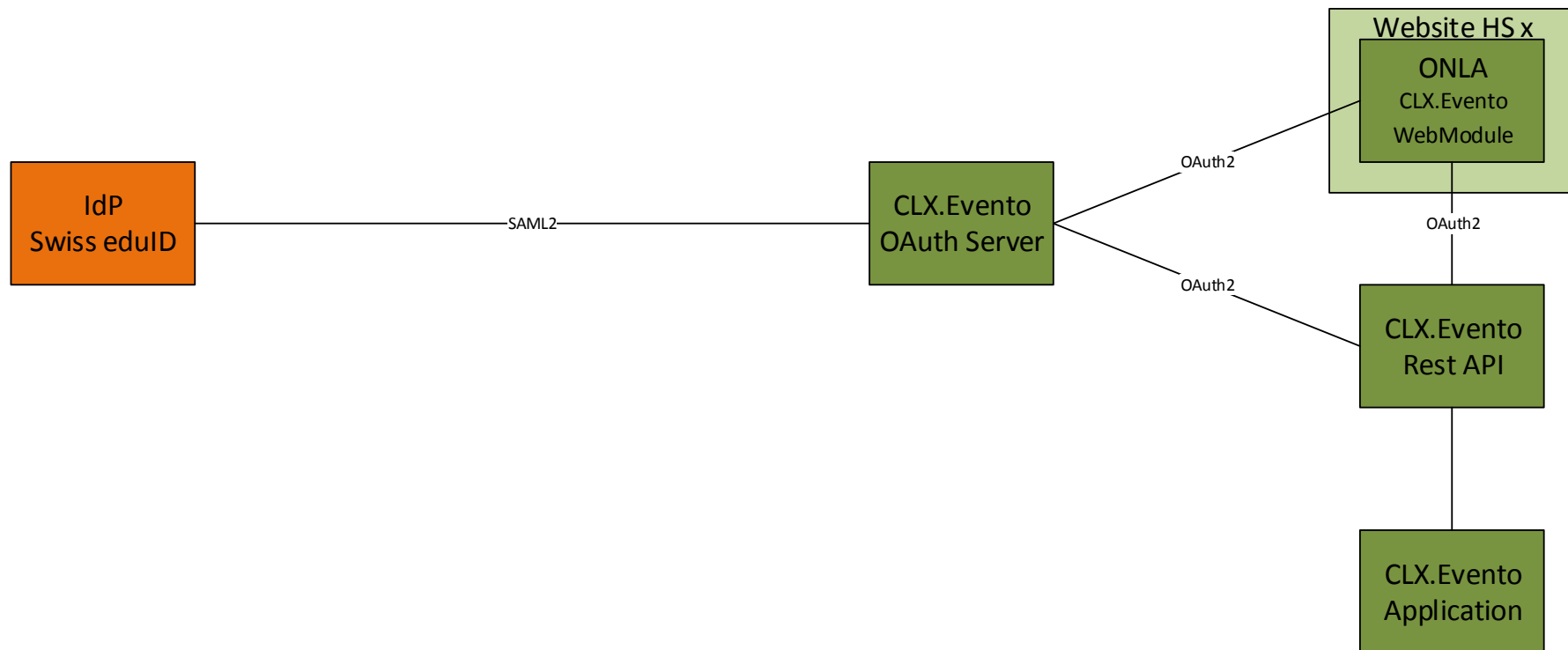
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Specification draft:

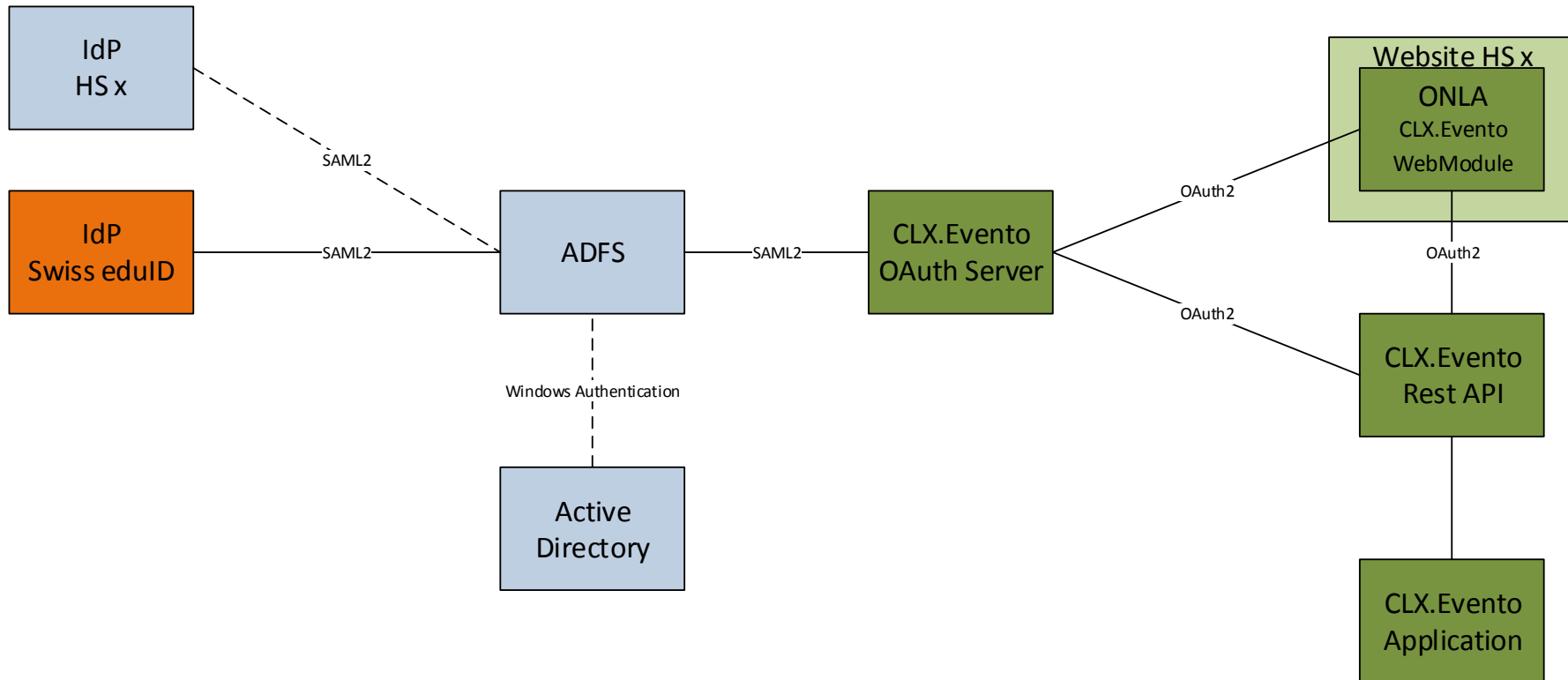
https://forge.switch.ch/projects/edu-id/wiki/Swiss_edu-ID_Registration_Form_Parameters

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Architecture A (Swiss edu-ID exclusively):



Architecture B (multiple Authentication methods):



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.