MyAcademicID Project

This will be achieved by defining a **European student eID scheme** that will allow students to register and authenticate themselves electronically at higher education institutions when going abroad, manage their Erasmus mobility process electronically, and access various student services in Europe (and beyond). MyAcademicID builds on eduGAIN, eIDAS and the European Student Card (a previous EC-funded project different from the European Student Card Initiative).

In the first month of the project, the consortium focused on collecting the requirements on Erasmus services that would be federated.

These requirements drove the design of the technical blueprint for a European eID for higher education, which creates the digital environment for the 'once only principle' and takes into account existing services deployed by GÈANT (and the NRENs) as well as other existing infrastructures such as eIDAS and the European Student card Identifiers (European student identifier, ESI, and European student card number, ESCN).

Enabling federated access for the MyAcademicID Services

In the MyAcademicID project we have identified a set of representative services from the European University Foundation that are used for enabling student mobility. These services include:

- the Erasmus Dashboard;
- the Erasmus Mobile App;
- Erasmus without Paper;
- the Learning Agreement Tool;
- and the PHD Hub

Although it was not included in the list of services in the MyAcademicID project, during the workshops we recognised the additional value that the integration of the European Student Card portal would bring. Thus, we have included also the ESC Portal in the list of project services.

These services have some common characteristics, but also important differences. The Erasmus Dashboard, the Online Learning Agreement, the PHD Hub and the ESC Portal, are web-based applications, which offer personalized services to users. The users need to authenticate themselves in order to access those services and at the same time the services need to know from which institution the user is coming from. The Erasmus Mobile App is very similar in requirements with the previous set of services, but it is a mobile application.

Erasmus Without Paper, is another enabling service used for student mobility. The main difference of this service from the previous services, is that this service is not a user facing service. Erasmus Without Paper is a service that connects directly to the IT backends of institutions and can be used to transfer student records to other Erasmus services. As this service is not user facing, it does not require student authentication. For more information please refer to the interim technical report.

Proposed architecture

In order to enable access to the mobile app and the web-based services, we are going to make the available to the National Federation through eduGAIN. This will allow (a) the users to authenticate at their home institutions and (b) the services to receive information about the users' affiliation and contact information from the home institutions. The services are going to be connected through a multi-protocol SP Proxy (Service Provider Proxy) provided by GÉANT, which allows the services to use the OpenID Connect protocol but authenticate users via eduGAIN, which uses the SAML protocol.
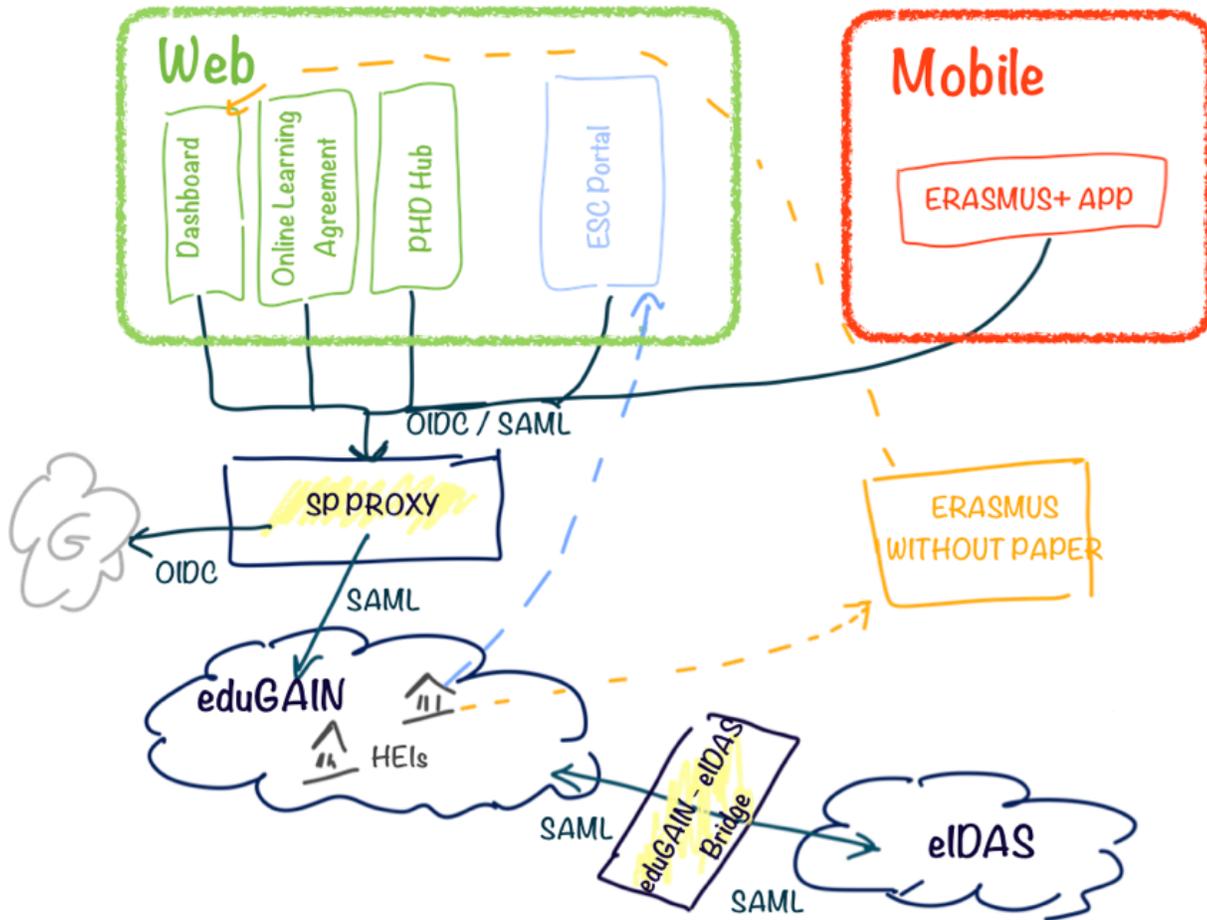
Resources

Please refer to MyAcademicID websites for additional resources.