



ESI and MyAcademicID

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The exchange of student records and the authentication of students are separate, thus the need for an identifier that will follow the student

The ESI is a protocol neutral identifier

ESI specifications developed with Erasmus+ and eduGAIN

Process agreed to determine which services can use it

<https://wiki.geant.org/display/SM/European+Student+Identifier>

<https://wiki.geant.org/display/SM/European+Student+Identifier+Entity+Category>



Defined a governance for the ESI

A general purpose identifier to be used in any interactions of the student with electronic services. Only eligible services will be receiving the ESI

An identifier for a service to determine the HEI a student is studying at

A lifelong identifier that will follow the student across their studies in their lifetime



- Student Mobility Services directly enabling mobility, for example, the Erasmus+ programme.
- Services that transfer student records or transcripts of records between educational institutions and which need to identify the students to which the records belong to.
- University Alliances where students' records are shared across (some of) the universities of the Alliance.
- Formal learning and teaching activities and/or the administrative activities related to those within an institution, for example, Learning Management Systems and remote e-assessment tools.

The ESI is generated by the HEI. There are 2 main 'ingredients' needed

Something to identify the HEI.

For this we use:

`schacHomeOrganization value (sHO)`

Something to identify the student.

For this we use:

`the student number (code)`

`urn:schac:personalUniqueCode:int:esi: <sHO>:<code>`

This is the case in which the student number is managed by the HEI

Ex: `urn:schac:personalUniqueCode:int:esi:hei.edu:23490G`

The ESI is generated by the HEI. There are 2 main 'ingredients' needed

Something to identify the HEI.

For this we use:

The ISO country code

Something to identify the student.

For this we use:

the student number (code)

```
urn:schac:personalUniqueCode:int:esi: <country>:<code>
```

This is the case in which the student number is managed by the HEI

```
Ex: urn:schac:personalUniqueCode:int:esi:HR:23490G
```

Student Basic Attributes

1. General purpose identifier
2. First Name
3. Last Name
4. Full Name
5. Email address
6. Affiliation
7. Organisation
8. European Student Identifier

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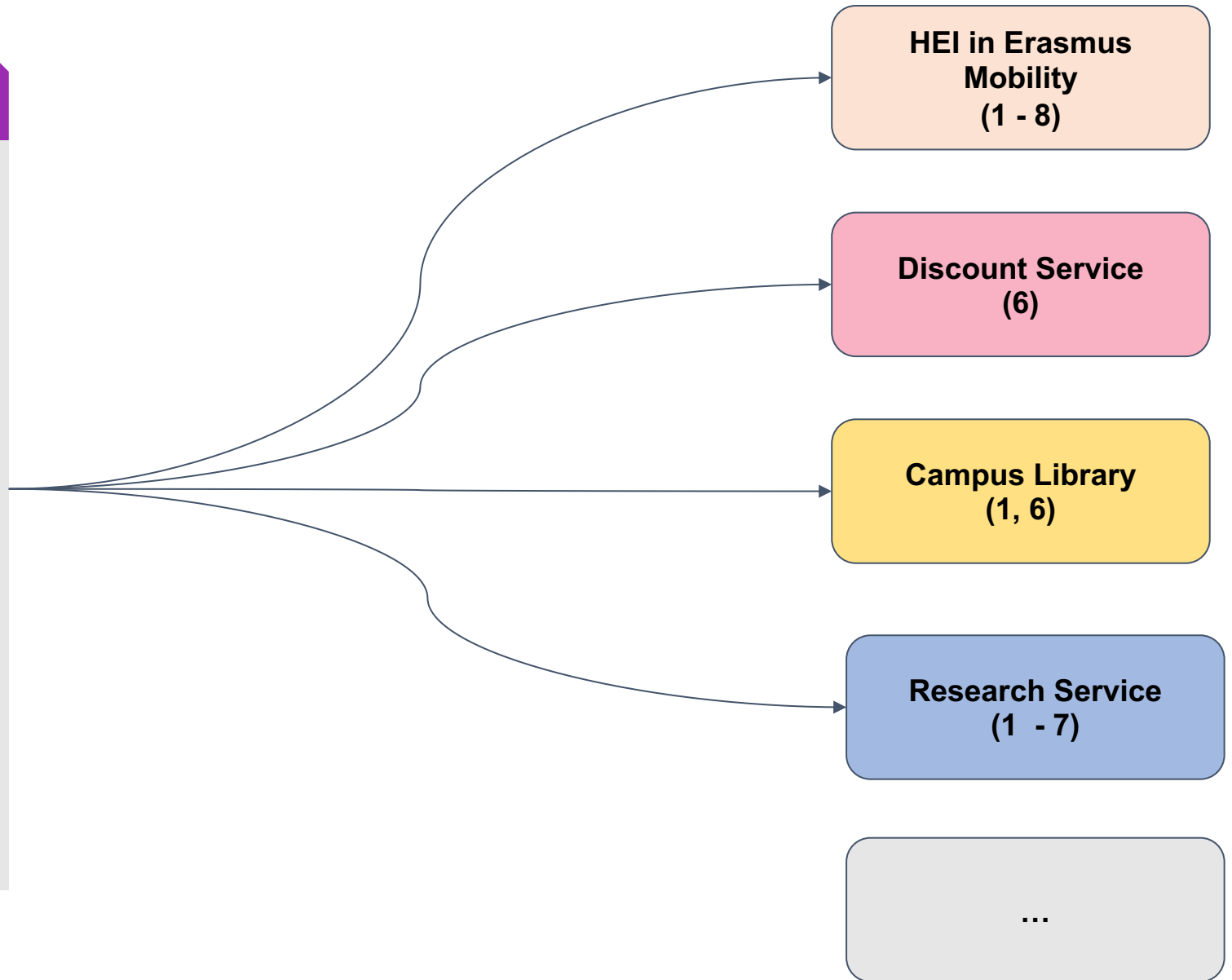
**HEI in Erasmus
Mobility
(1 - 8)**

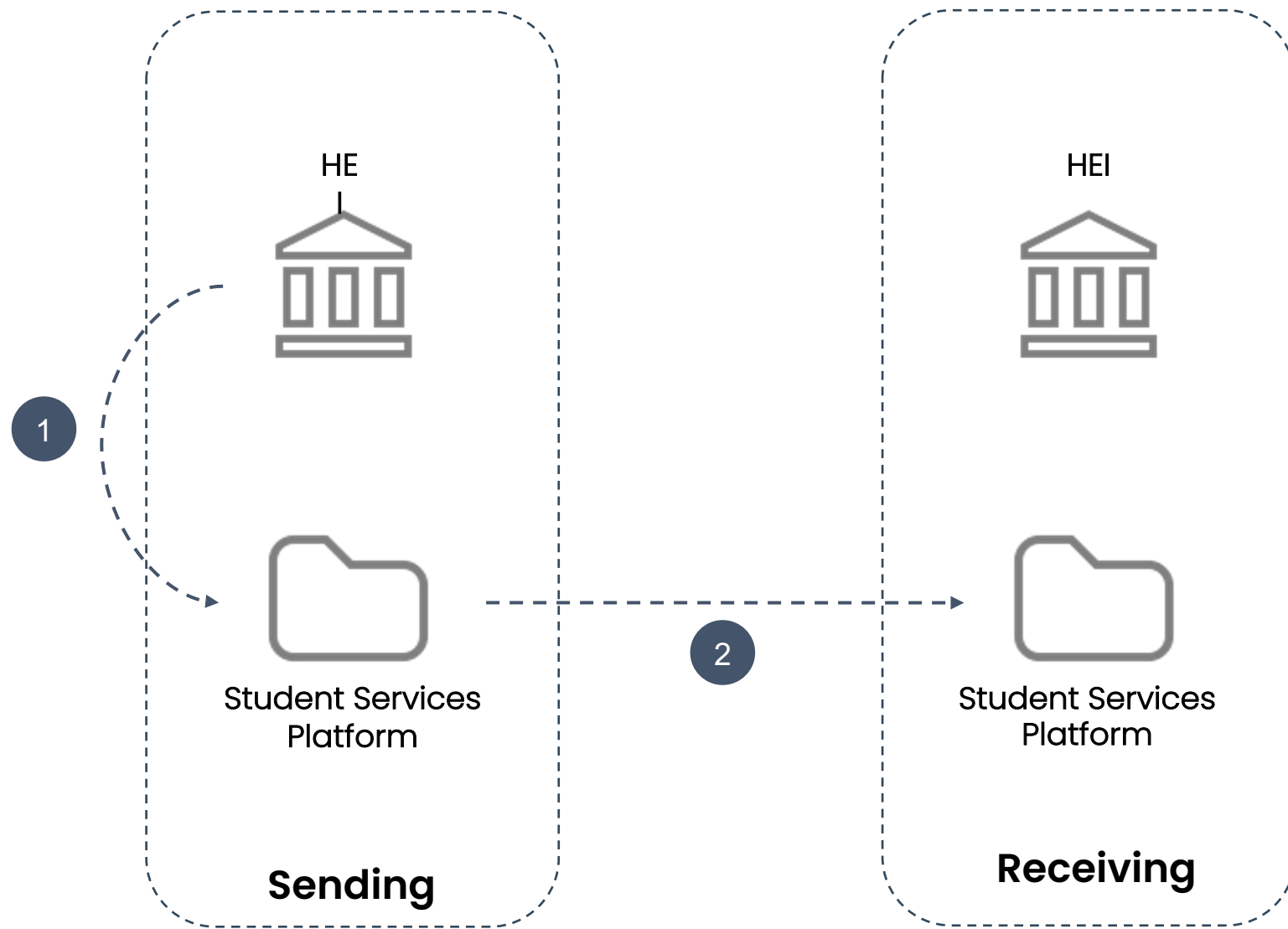
**Discount Service
(6)**

**Campus Library
(1, 6)**

**Research Service
(1 - 7)**

...





The student does not need to know the ESI.

1

ESI via the student authentication mechanism - SSO * (Front-channel).

2

ESI transported via the EWP APIs (Back-channel)

[*] Requirements for service providers to get the ESI via the academic federations: <https://wiki.geant.org/x/QwKCFQ>

MyAID Key Facts



Enable NRENs to support a very important and large use-case



MyAID IAM launched in
Nov 2020



MyAID IAM operated by
GÉANT



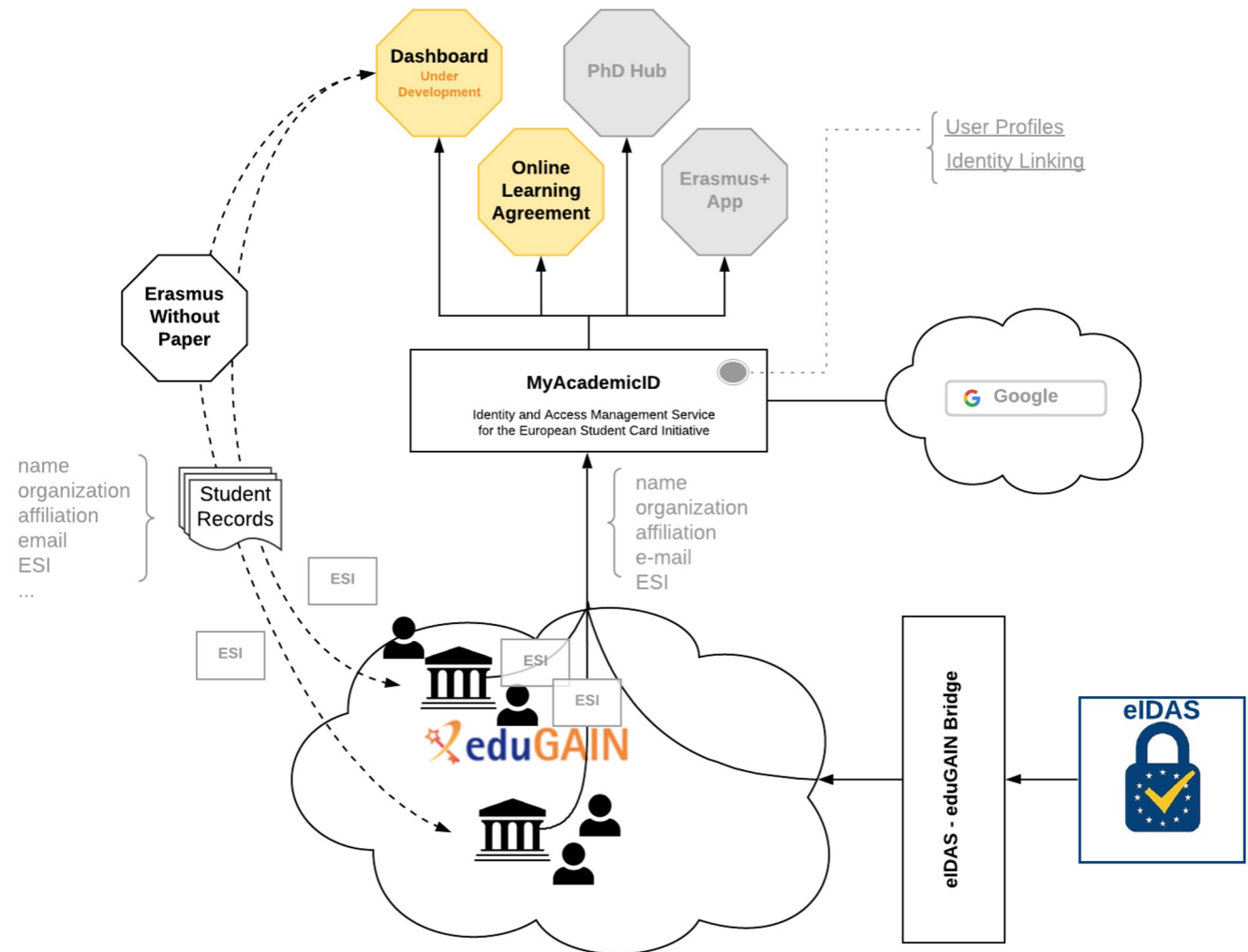
MyAID IAM based on
the GEANT Core AAI
Platform



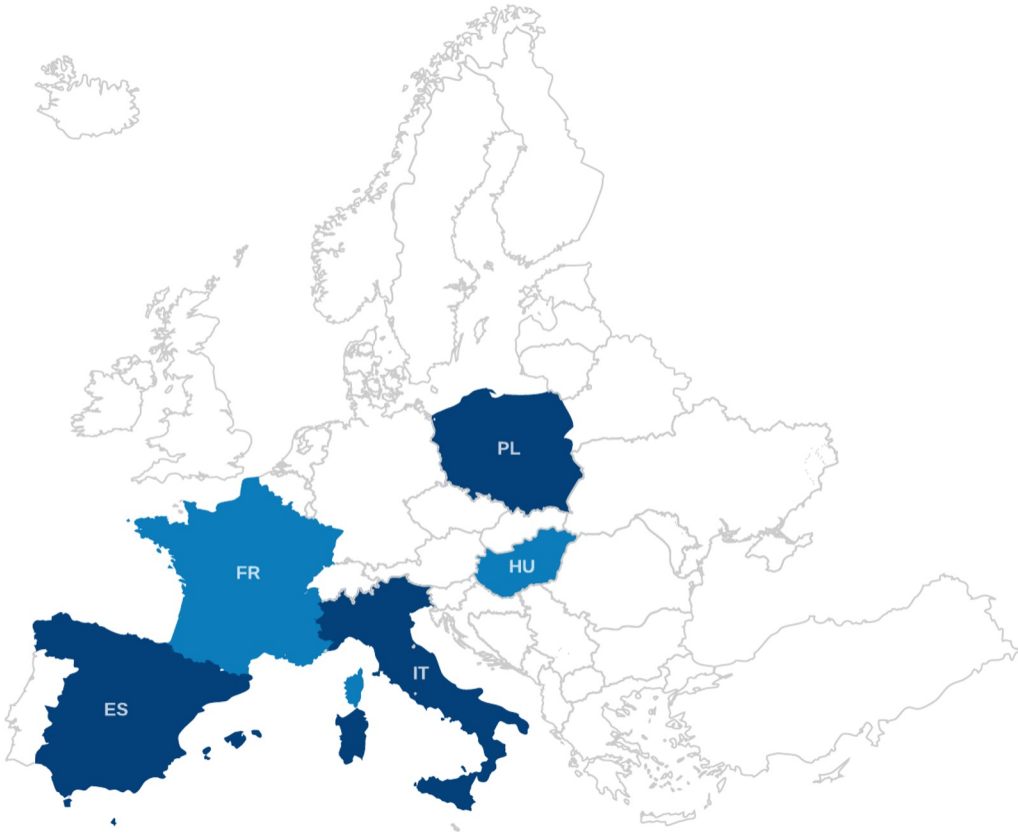
Leverages eduGAIN and
eIDAS

The MyAcademicID Authentication Proxy:

- The MyAcademicID Service was launched in November 2020 MyAcademicID Project
- Provides an Authentication Proxy for the core Erasmus+ services (Online Learning Agreement, Dashboard, the Erasmus+ App).
- Supports authentication via eduGAIN, eIDAS and Google
- Provides a catch-all IdP of Last Resort

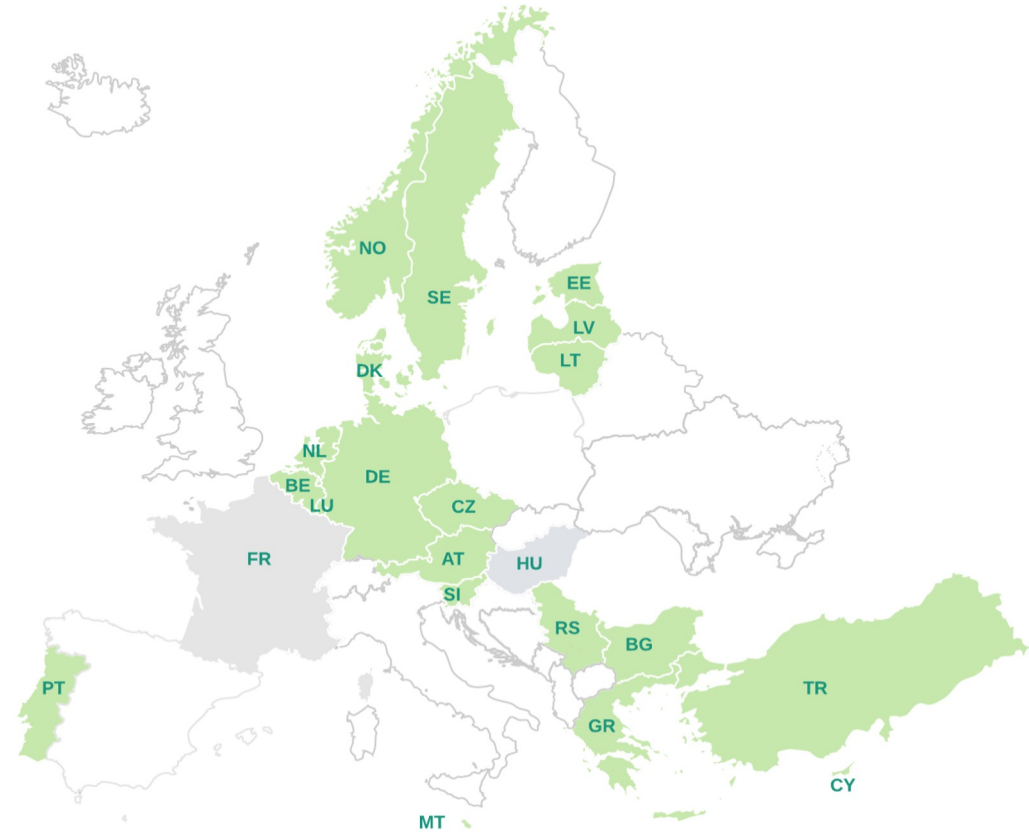


National IdPs of Last Resort



FR, HU, IT, PL, ES

MyAcademicID of Last Resort



AT, BE, BG, CY, CZ, DE, DK, EE, GR, HU, LT, LU,
LV, MT, NL, NO, PT, RS, SE, SI, TR

