



SURF T&I Update

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REFEDS #47, Stockholm,
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Team Trust & Identity @SURF

Team trust & identity

- Operations of trust & identity services
- Exploring and building new solutions and services

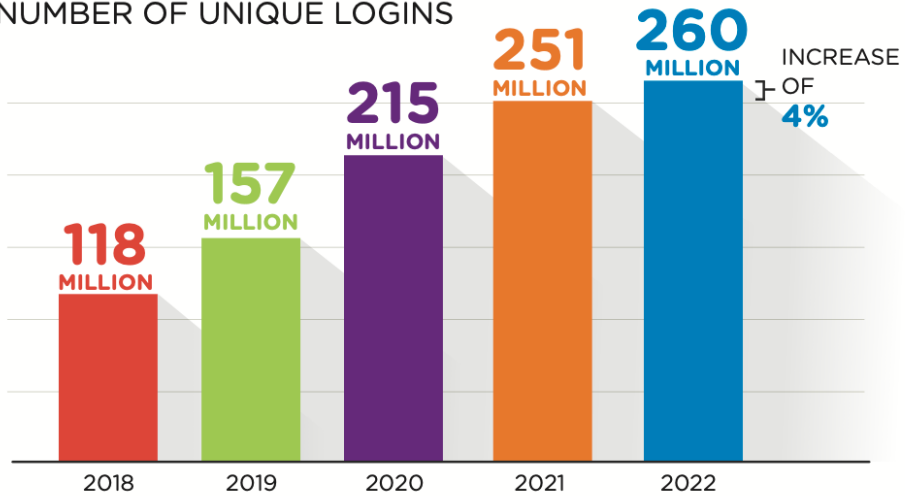
Our services

- SURFconext
- SURFsecureID
- SURFresearch access management
- eduID

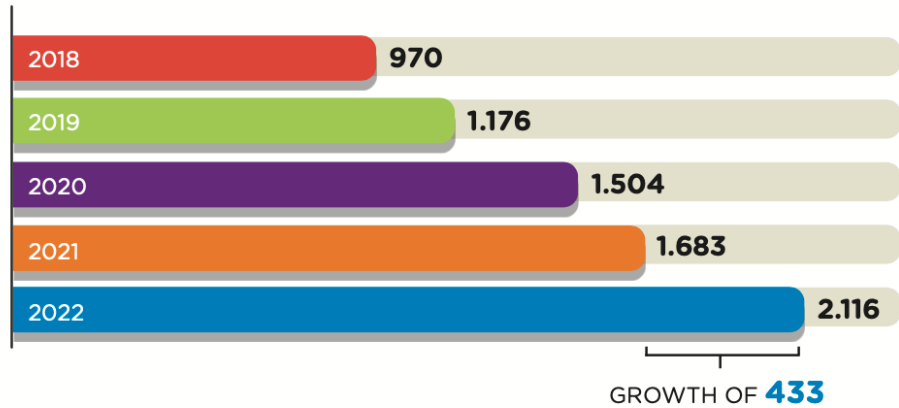


MORE THAN 260 MILLION LOGINS WITH SURFCONEXT IN 2022

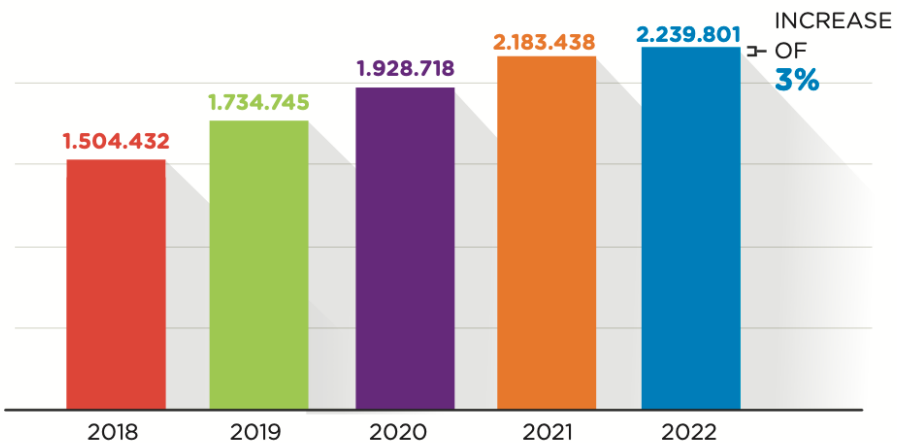
NUMBER OF UNIQUE LOGINS



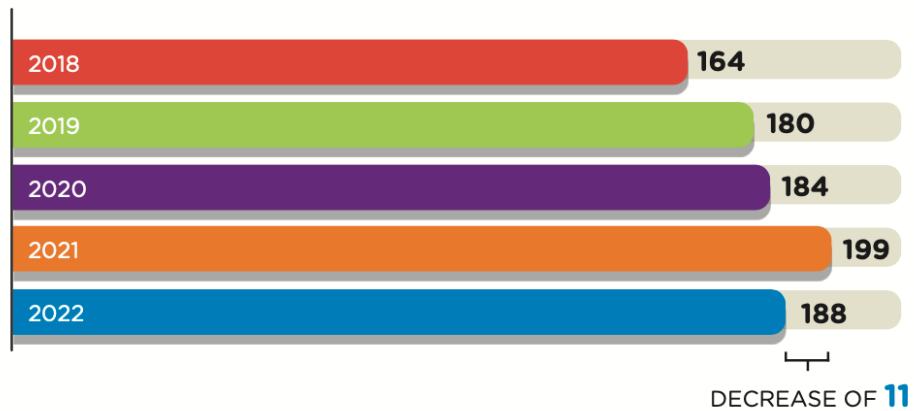
NUMBER OF SERVICE PROVIDERS



NUMBER OF UNIQUE USERS



NUMBER OF IDENTITY PROVIDERS




SURFconext Invite

SURF is improving access control for our institutes with SURFconext invite.

- An inviter adds roles to specific individuals (also in batches) to determine which applications a user can access.
- Adds end dates for automated removal of roles and user information.
- The institute determines role names, period of validity, etc. Themselves.
- Provisioning to institutional applications based on SCIM protocol.
- *Reduces security and privacy risks.*
- *Invite merges with one of our previous access services to avoid increase in complexity.*

SURF

NHL Stenden Universi






Welcome, Astrid Winmans

Manage who gets access to some of the educational applications at NHL Stenden University of Applied Sciences.

[Send new invite](#) or [view history](#)

You can manage guests and send invites for

-  Blackboard
Gast Docent
Kan ingeleverd werk beoordelen. [Show details](#)
-  Blackboard
Beoordelaar
Kan alle practicum opdrachten beoordelen. [Show details](#)
-  Eduroam
Wifi Toegang
Algemene wifi toegang binnen de instelling. [Show details](#)

icatie(s) bij Stenden Inbox x

@edulid.nl> 9:14 AM (8 h)

SURF Welcome

Hoi,

Astrid Winmans (van Stenden) heeft je toegang gegeven tot één of meer applicaties of systemen die zij gebruiken.

Je hebt toegang gekregen tot:

- **Blackboard** - als **Gast Docent**

Persoonlijk bericht van Astrid

Don't miss out on the chance to be among the first to experience the future of Blackboard. Your presence will help shape the community and make it even better.
Greetings,
Astrid - astrid.winmans@nhlstenden.com

Voor de toegang tot deze applicatie(s) wordt gebruik gemaakt van eduID. Heb je deze nog niet? Geen zorgen, aanmaken kost minder dan 30 seconden.

[eduID](#) Access with eduID

Why do I need an eduID?

Een eduID is een account voor gebruikers binnen het Nederlandse onderwijs en

| SURFsecureID



Added SSO on 2nd factor. Momentarily with session duration of 24 hours. SSO can be enabled per application

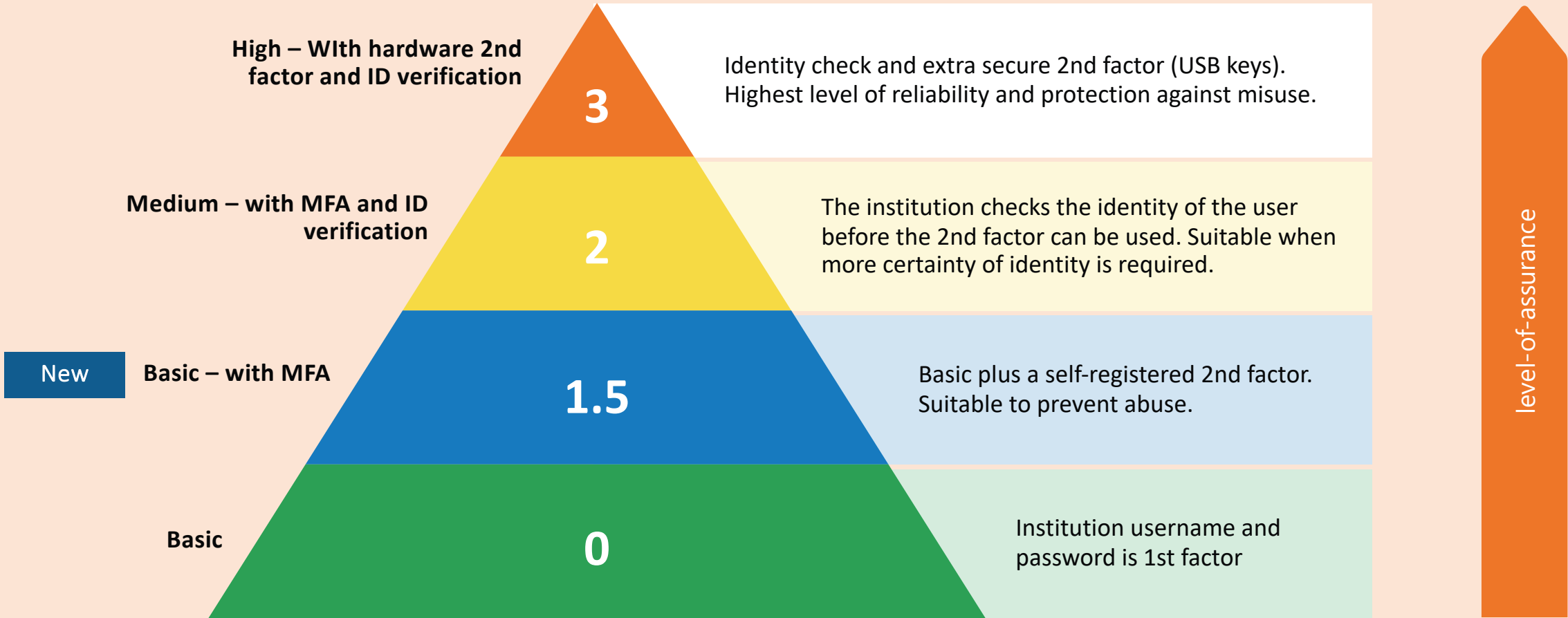


Added self asserted tokens with a new Level-of-Assurance. Users can now self-register a 2nd factor instead of registering one at a servicedesk with ID verification. During registration, adding a recovery method like SMS or recoverycode is required.



Updated tiqr mobile apps

| SURFsecureID levels-of-assurance

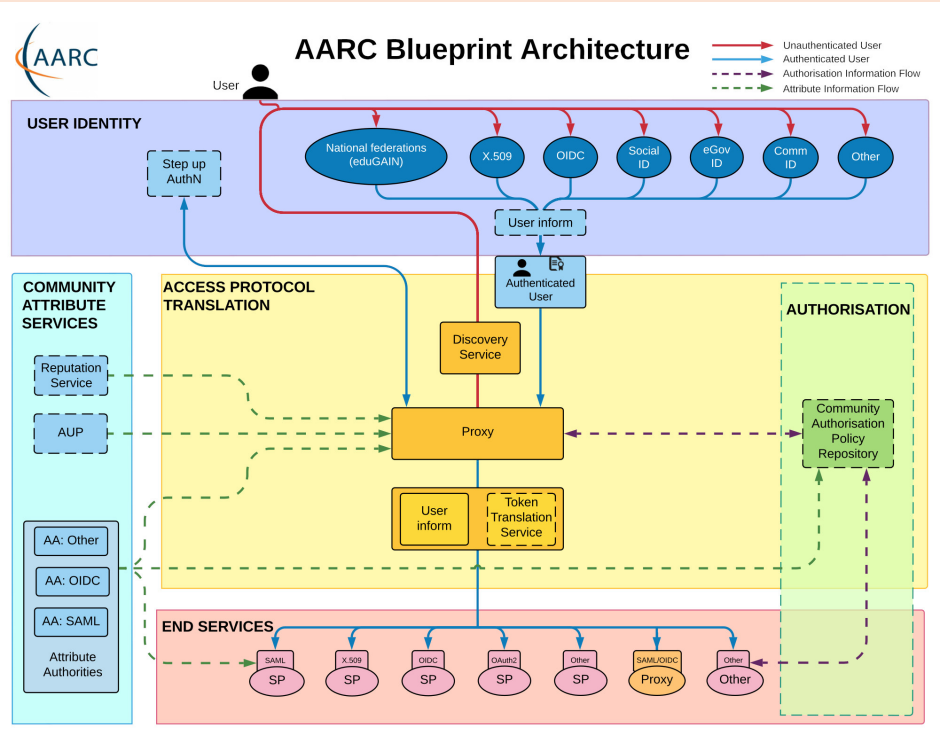


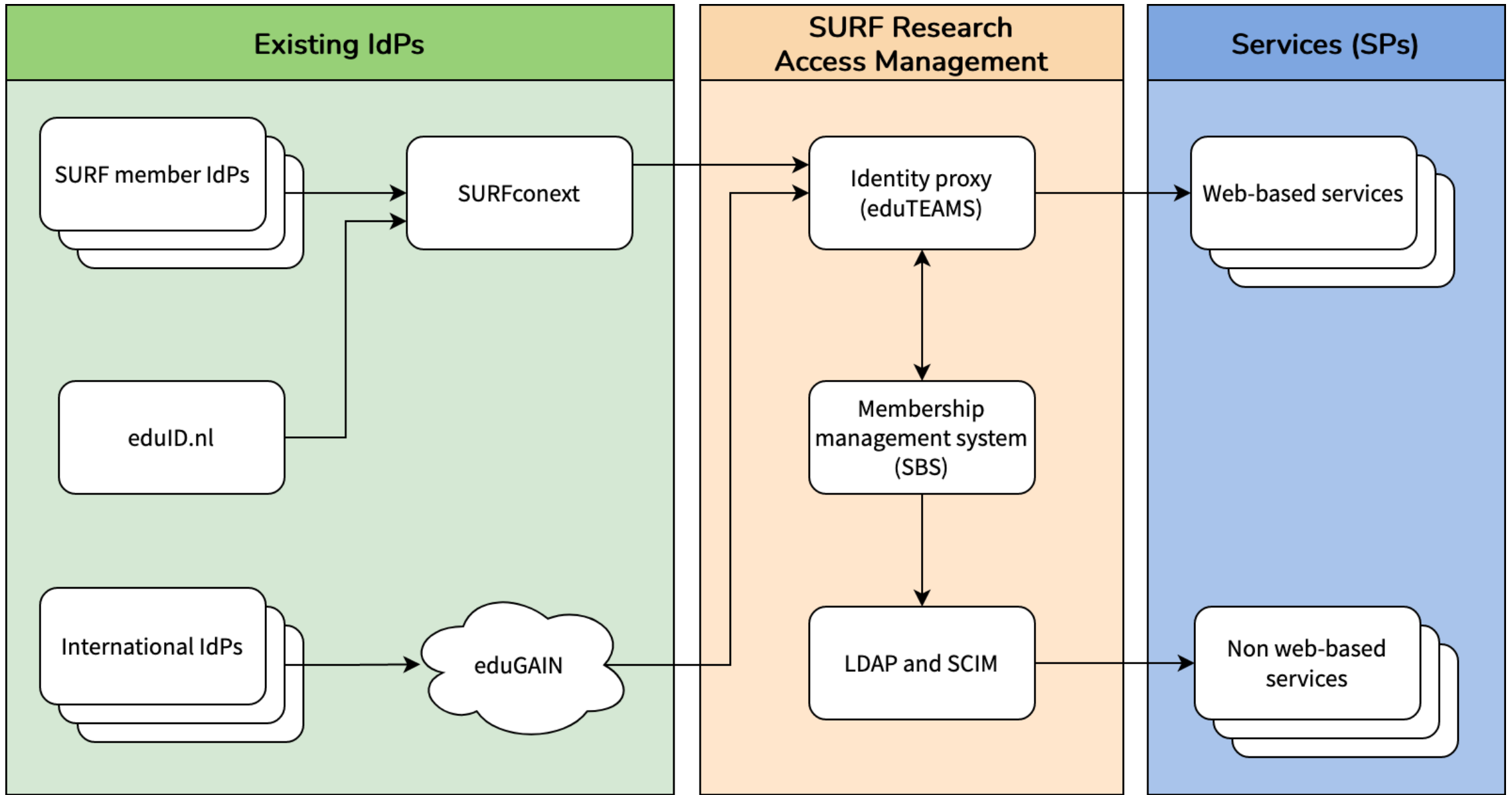
eduID

- eduID Added passwordless login with eduID mobile app. Developed based on the existing tiqr app.
- eduID Updated eduID mobile app with all profile management functions
- eduID Growth of 20K users in 2022 to 50K now. 150K logins ytd 2023. 150 apps connected to eduID IDP
- eduID Expanded eduXchange.nl student mobility project to 6 universities. Now has 11K eduID users
- eduID Many discussions with Microsoft about eduID access to MS365 apps. No green light yet.
- eduID Researched ID verification options. Going for Dutch bank ID (iDIN) and eIDAS.



RESEARCH ACCESS MANAGEMENT





Future plans for SRAM

Some ideas from our roadmap

- Containerise SRAM (follow SURFconext)
- Enhance automatic testing
- Wanted: better support for MFA in eduGAIN
- Offer SBS to other NREN's/communities?
- AARC TREE
- Token based access/authorisation
- Offer (basic) collaboration tools?

Towards an integrated service

- SURF members confused about differences with SURFconext
- Overlap with SURFconext (invite tool, SURFconext Teams, Authorisation Rules)

Also: 1 researcher identity?

- eduID?

| What's next?

Self Sovereign Identity (SSI)

- Participate in DC4EU (Large Scale Pilot)
- Explore emerging standards (OpenID4VCI / OpenID4VCP)
- Experiment with Wallet technology to gather sector requirements

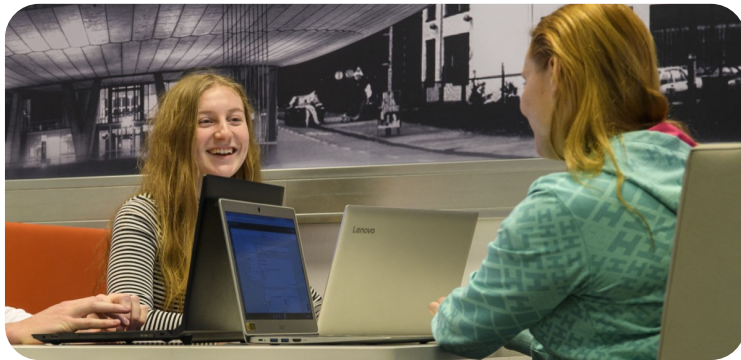
Higher Education Sector Architecture (HOSA)

- Three parts: Flexible Education / Research Data / Identity & Access
- Identity & Access: mostly based on SSI-principles. Q: How to transform the sector?
- NPULS programme: Collaborating to improve the quality and the agility of education system, and to enhance the digital skills of lecturers and learners.

Support European University Alliances

- Complicated. AuthN via eduGAIN not enough, more complex services needed (including authZ and provisioning). Preferably 'as a service' and at 'international scale'

| Trust & identity Services: Vision



eduID

An eduID is an account for users within Dutch education and research. It belongs to you and exists independently of an educational institution.

SURFconext + research access + secureID

Ensuring that institutions, research groups and services can provide easy and reliable access to students, staff and anyone who needs access.

- SP proxy for eduID
- Enhanced integration options for SPs and IdPs
- Authorisation
- SURFconext is the enabler for the transition to eduID and wallets



