

Going Dutch



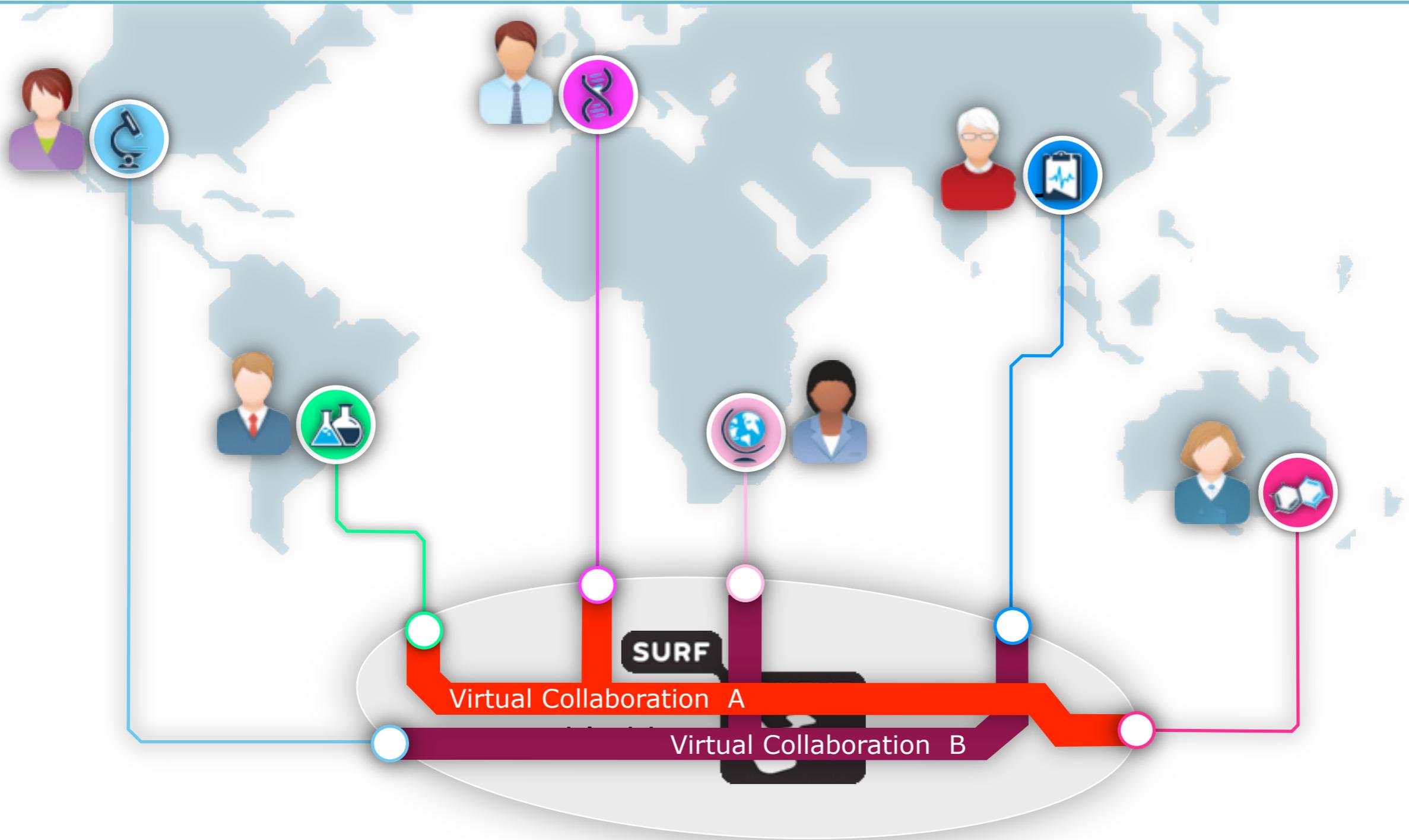
Harold Teunissen et al.
#SC13



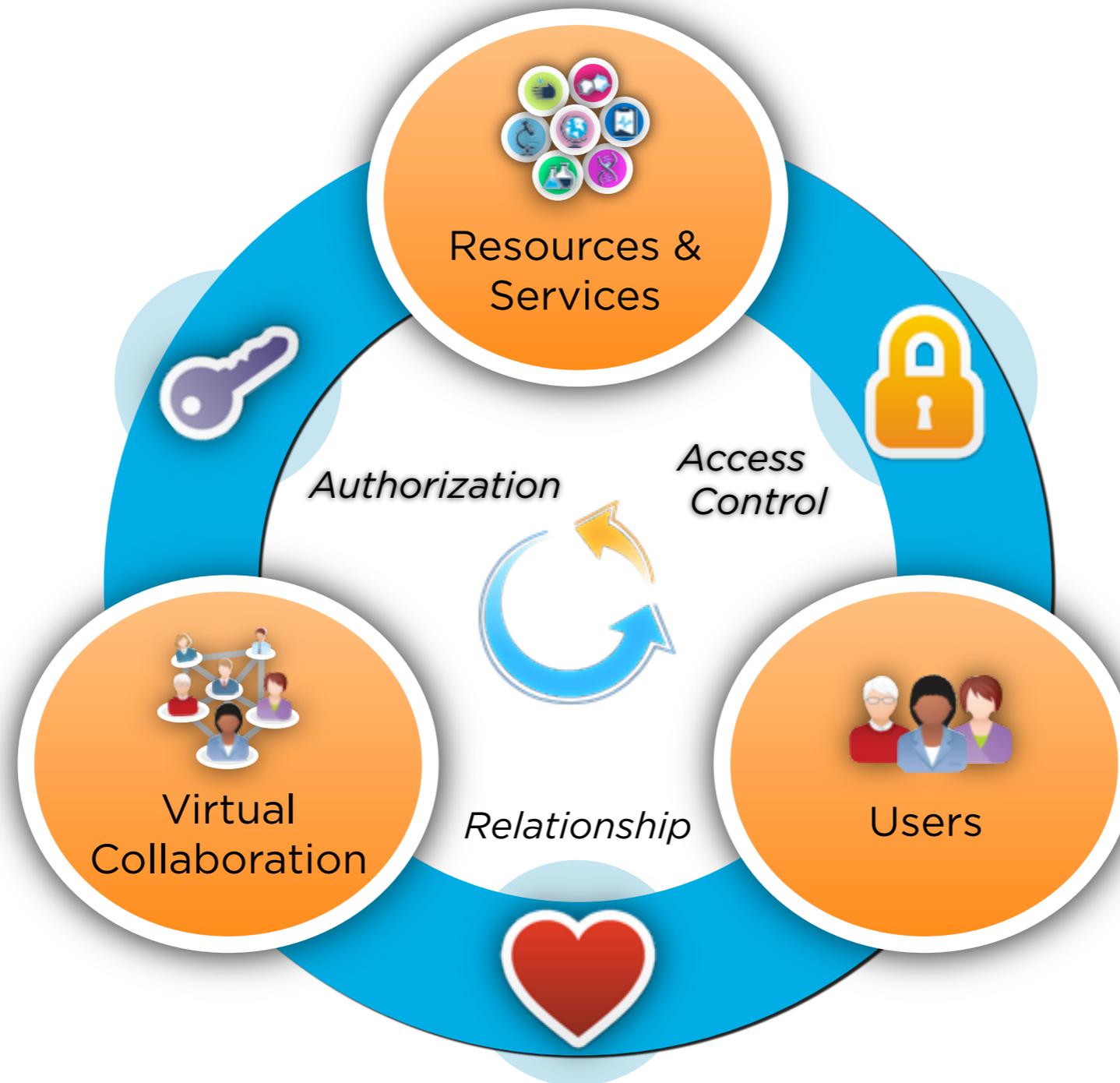
What are we doing

- Federated Identity Management based on SAML
 - Hub-and-spoke
 - Stepping stone to SSO to cloud services
 - Mapping to LDAP, Personal Certificates for Grid world, Oauth, etc
- Step-up-authentication and LoA enhancer incl. vetting
- Attribute provider is the new identity providers
- Certificate Service
- Pinning in the net / Certificate transparency
- Open Collaboration Exchange – Federation of Federations
- Etc. etc.

Multi-Disciplinary Collaboration



Circle of Pain



OpenConext

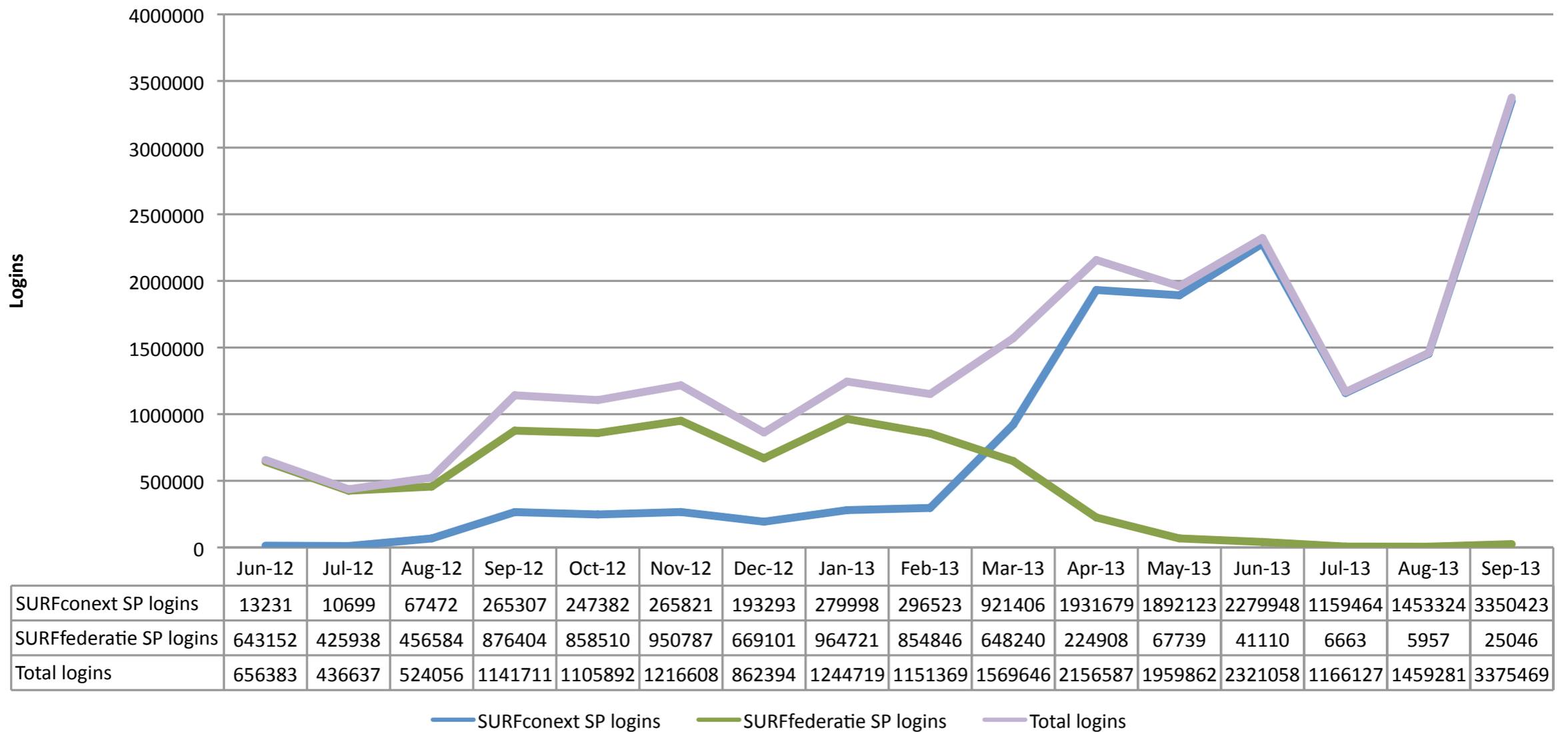
- Provides the glue and lubrication middleware to make campus, cloud based services and resources usable for collaboration for both inter campus and virtual collaboration scenarios
- OpenConext offers the Identity and Group Infrastructure
- Offer the platform software for large, virtual collaboration-type collaboration to run-you-own



- OpenConext allows you to create your own collaboration environment that organizes your (online) applications, services and resources

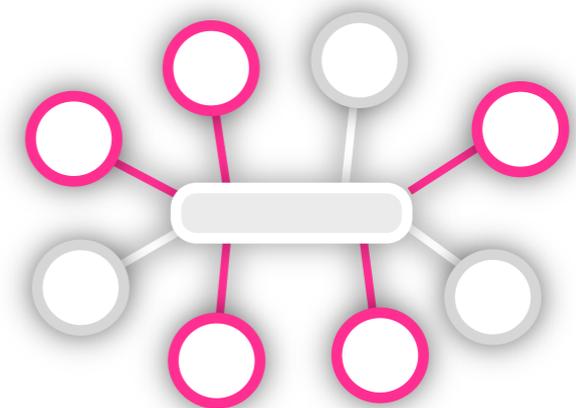
Stats

SURFconext + SURFfederatie SP logins (SSO)

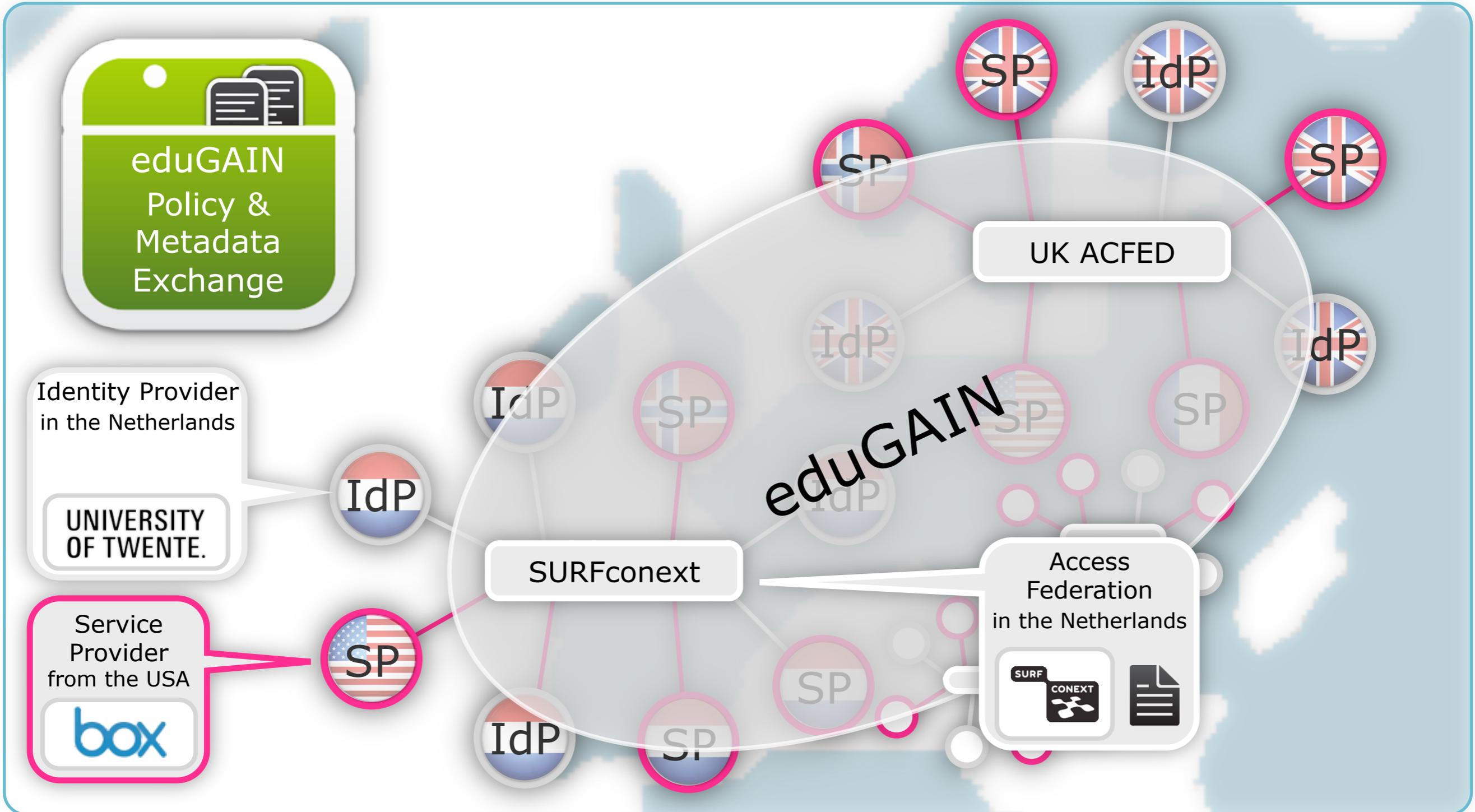


OCX — Rationale

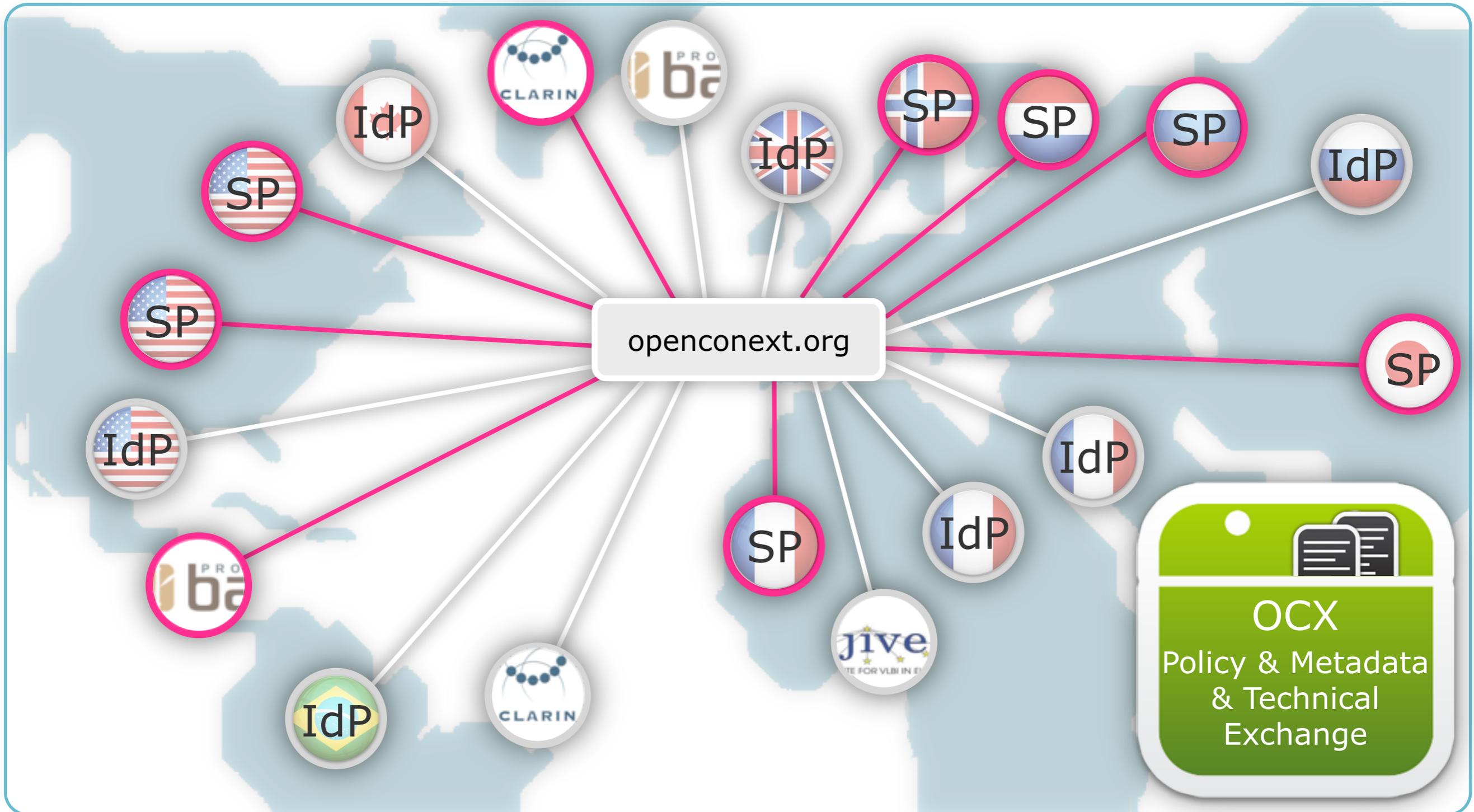
- Facilitate international collaborations and virtual organizations
- Make it easier for global interconnection of IdPs and SPs
- Harmonizing attribute exchange that will result in more SPs that potentially become (technically) available to more individual (sets of) IdPs
- Ideally, for any participating country, SPs and IdPs will have to 'openconext' only once to become part of the exchange
- Add-on to eduGAIN



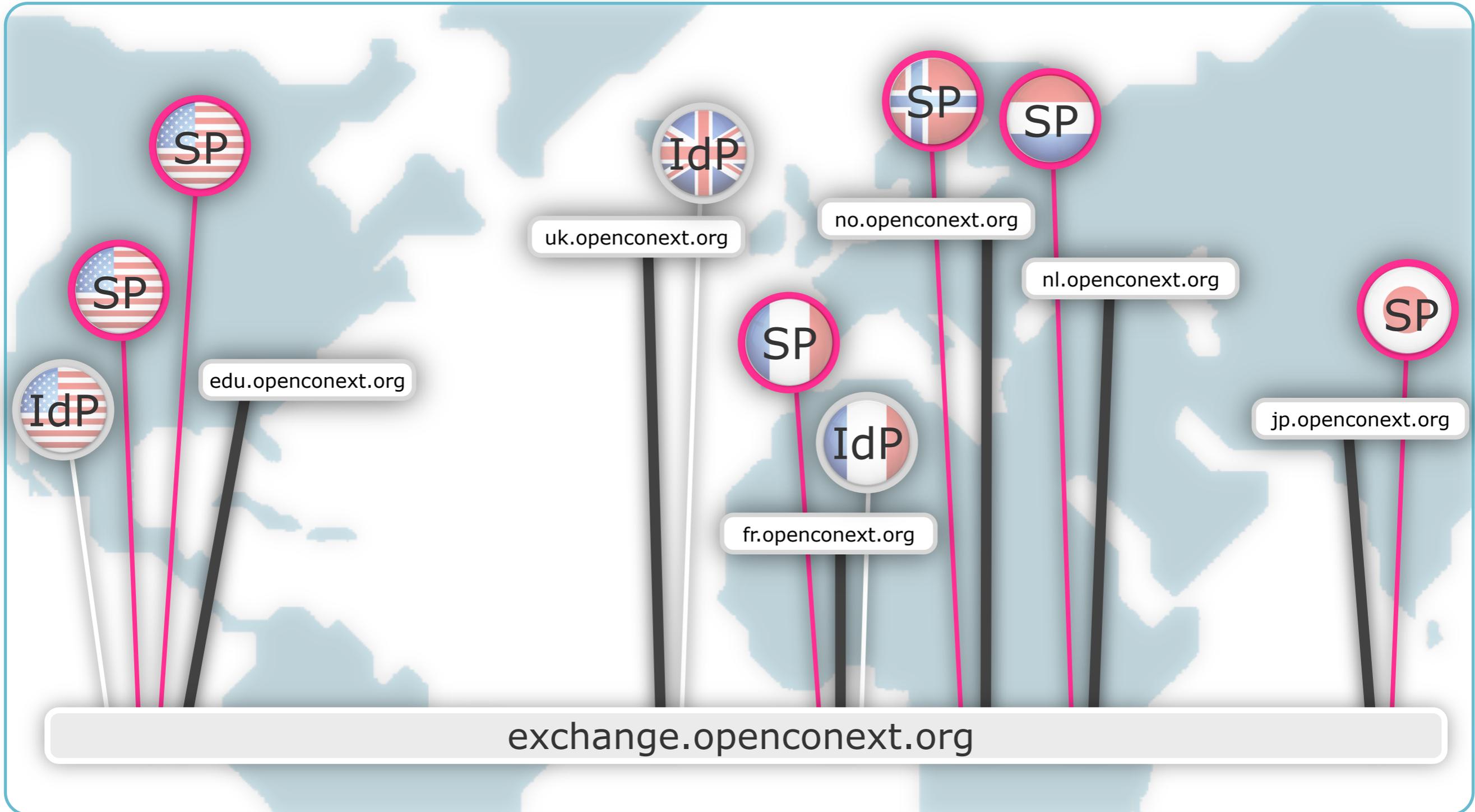
Current Situation



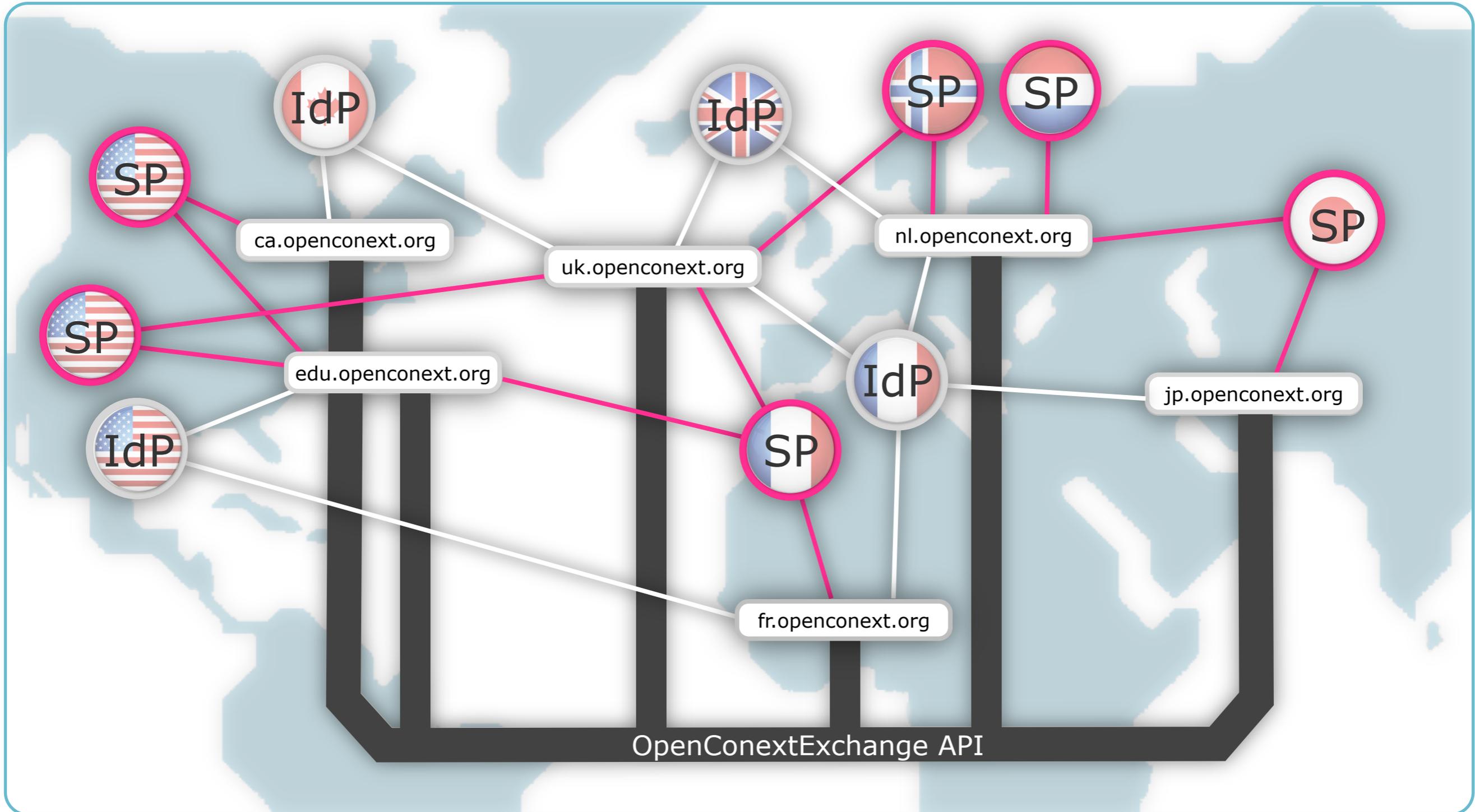
OCX Concept



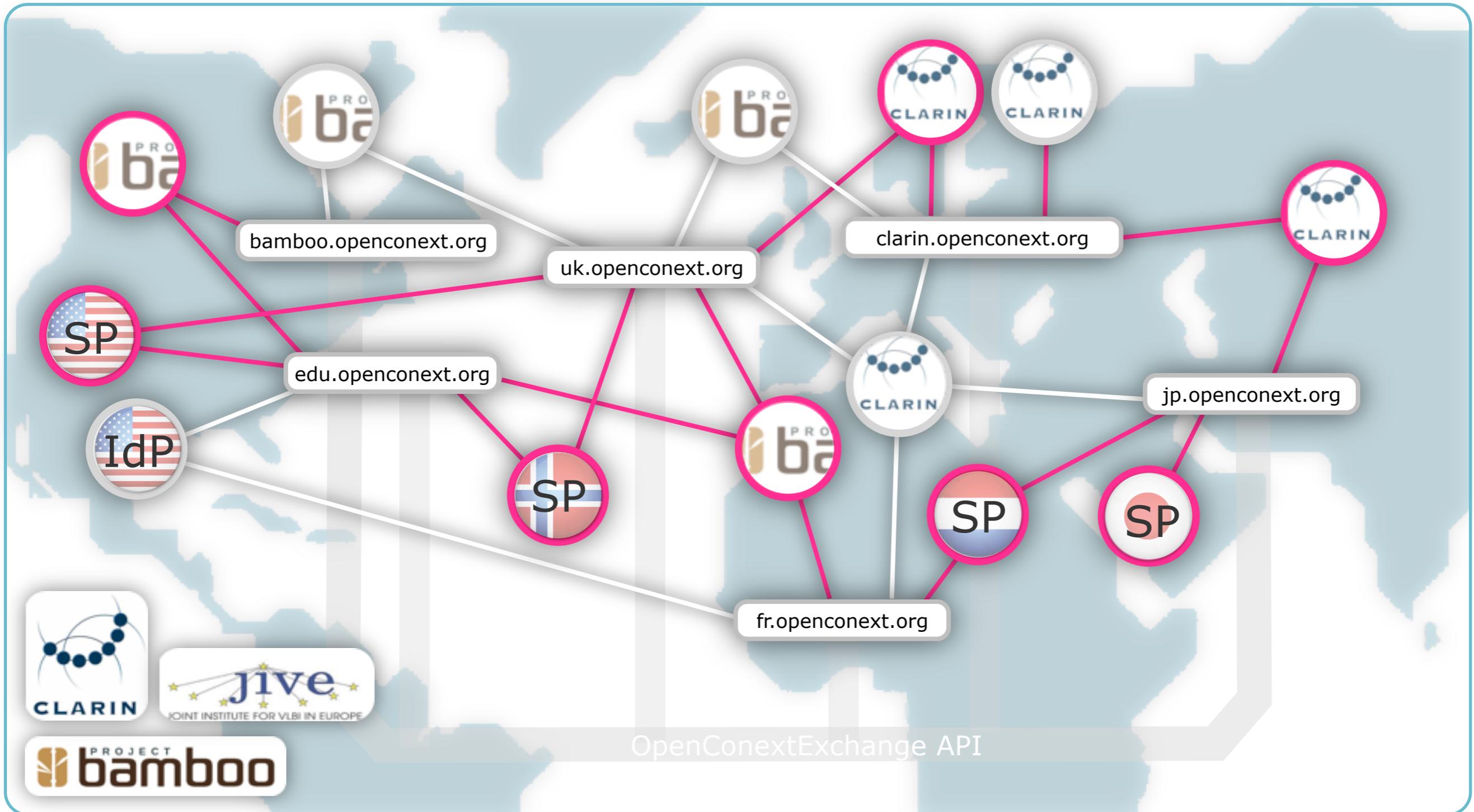
Scenarios — Distributed Exchange



Scenarios — Multiple Exchanges (1)



Scenarios — Multiple Exchanges (2)



Challenges

- Again, it is all about trust and its balance with usability
- For individual SP-IdP cases the eduGAIN policies might require strengthening with bi-laterals which might lead to policy creep
- Stepping stone for SPs, but how to get the international VOs involved
- Hierarchy of trust and policies
- Next steps — we would like to invite NRENs to work out both OCX scenarios
 - Organizational
 - Technical
 - Legal / policy wise

WHAT SURF CAN DO



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