



CILogon and eduTEAMS: Collaboration and Virtual Organizations Made Easy

Jim Basney, National Center for Supercomputer Applications

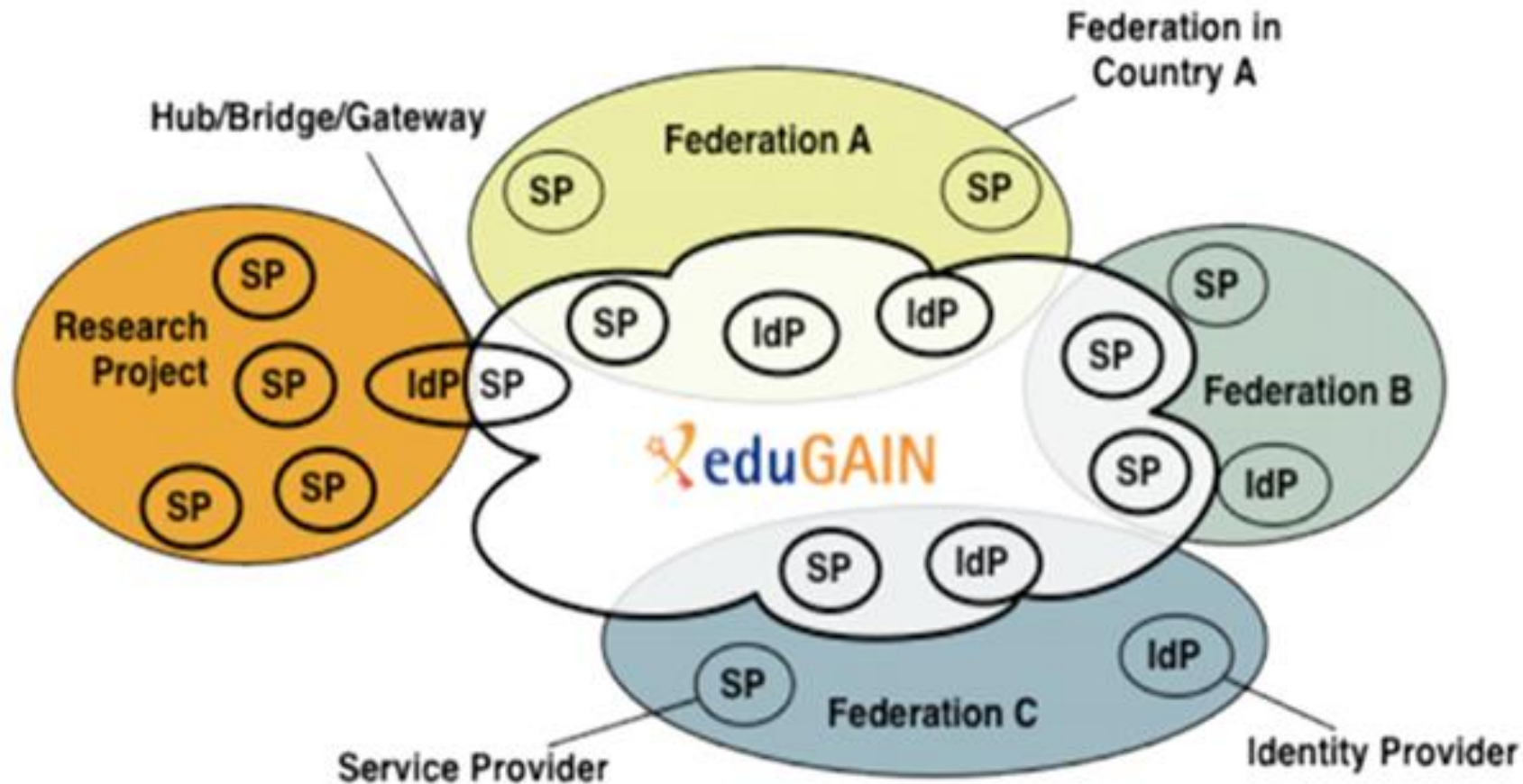
Christos Kanellopoulos, GÉANT

Tom Barton, UChicago and Internet2



WASHINGTON DC MARCH 5-8

Academic collaboration and R&E federation



faculty, students, staff

data sets

intellectual property

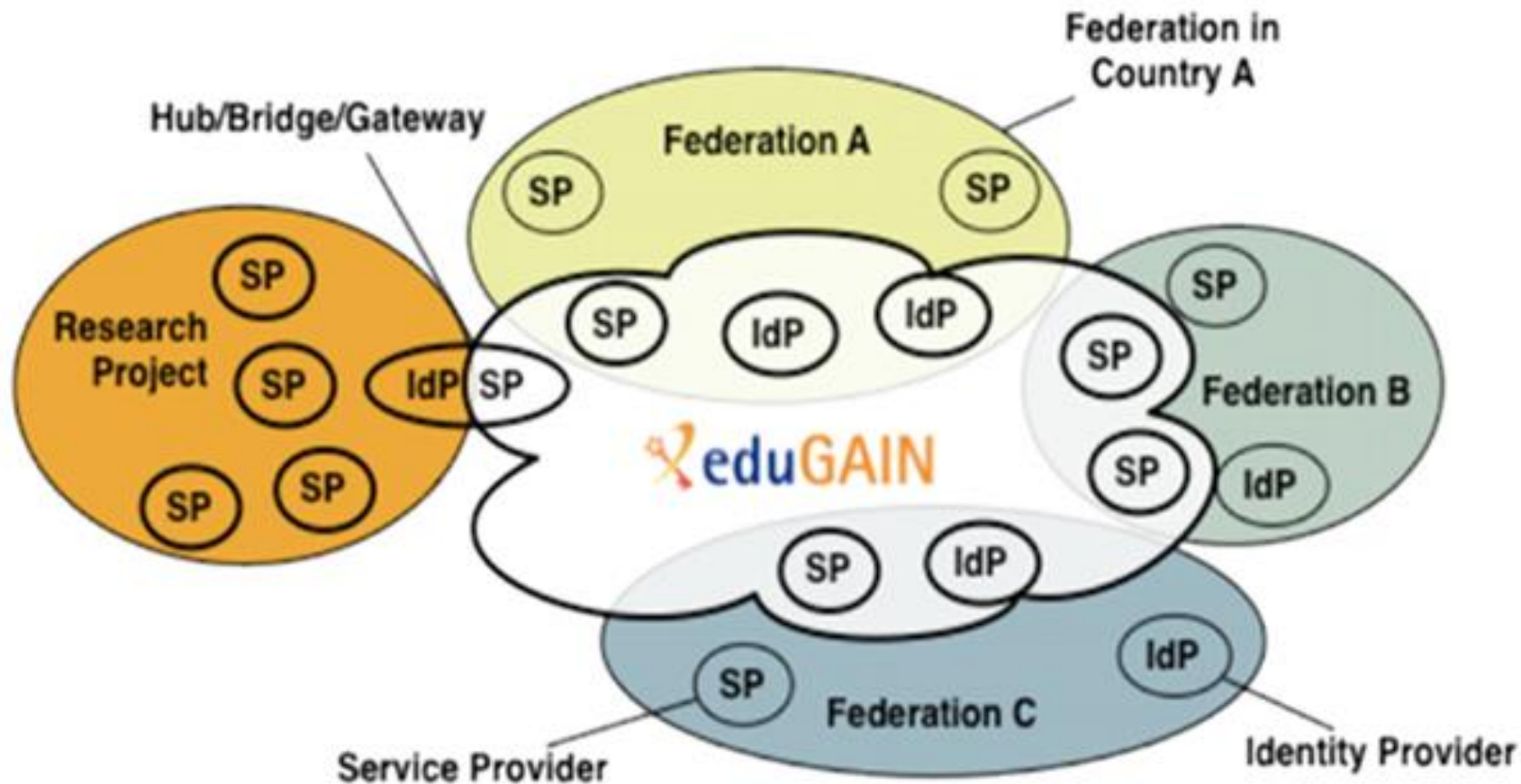
specialized instruments

specialized computing

at organizations everywhere

connected by global federation

We have global federation – aren't we done yet?



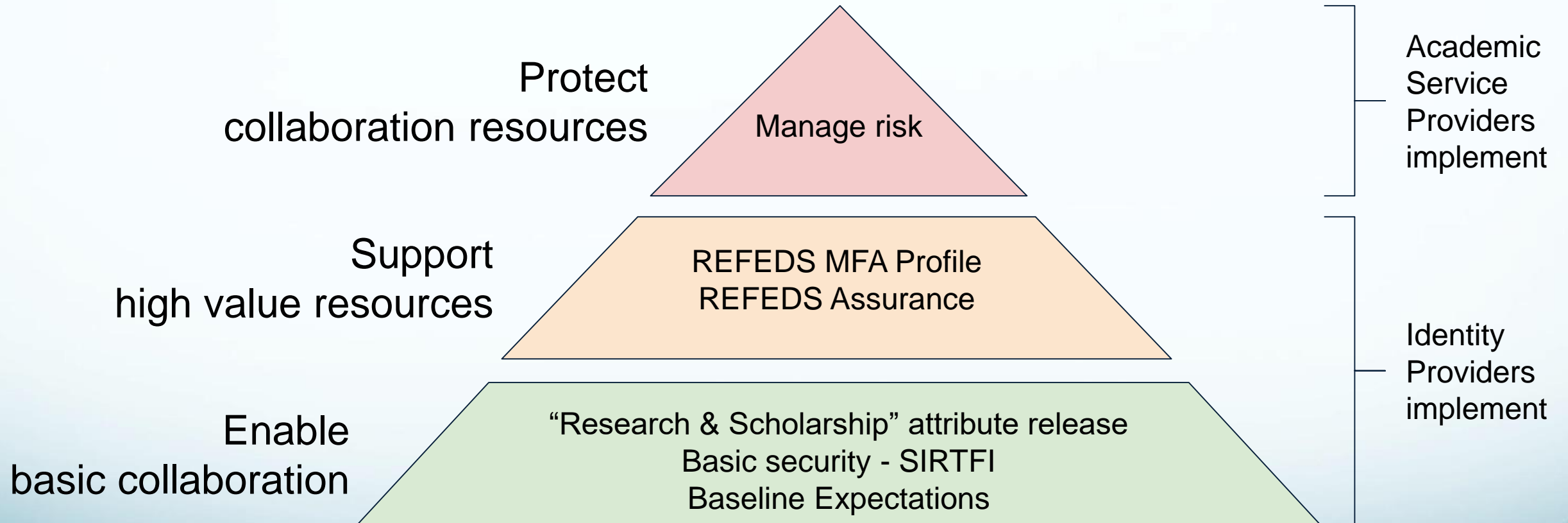
68 countries

>5,400 eduGAIN entities

>16,700 total entities
(>50% InCommon)

>10,000,000 users

Get collaboration ready



Managing needs of a Service Provider

Commercial SP

Box

Google docs

Academic SP

Ocean
Observatories
Initiative

IU CI Gateway

Managing needs of a Service Provider

Commercial SP

contract

Campus IdP
Business ops

Academic SP

Managing needs of a Service Provider

Commercial SP

contract

Campus IdP
Business ops

VO service
VO service
VO service
VO service

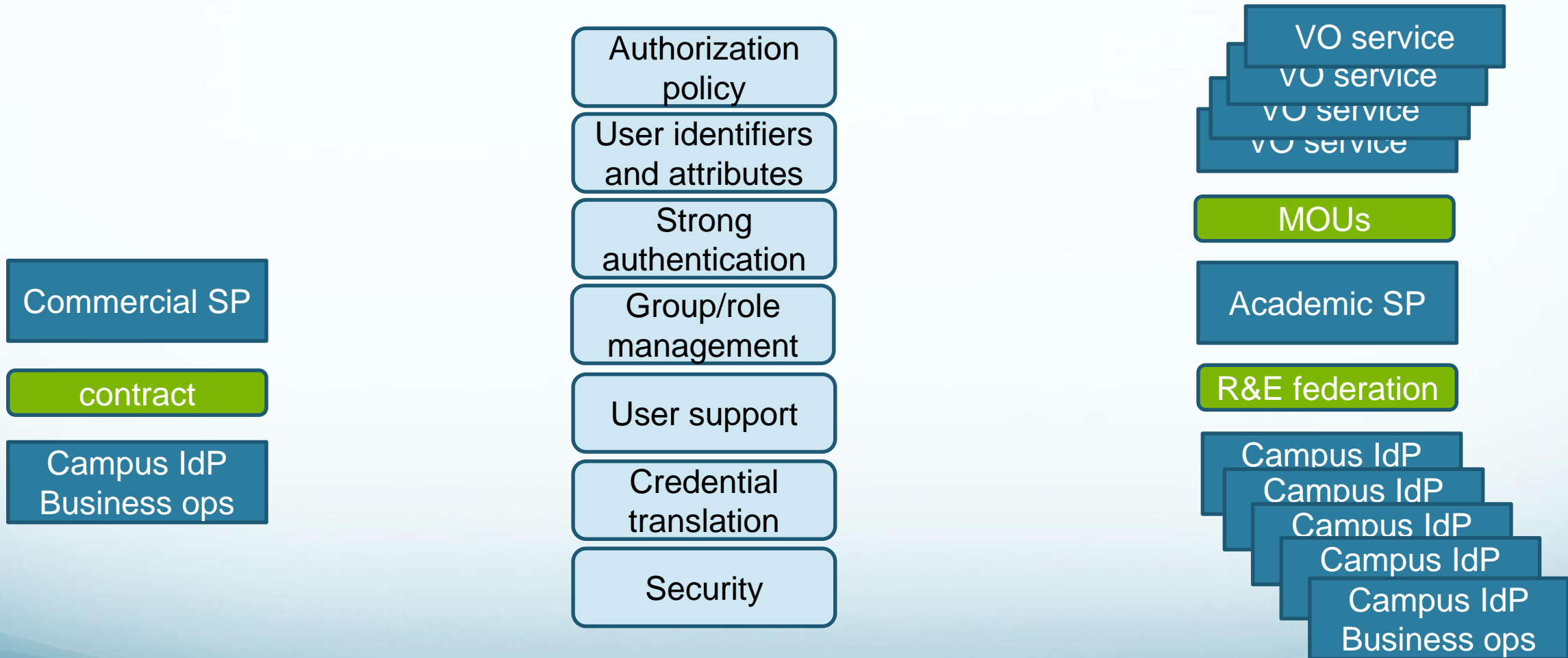
MOUs

Academic SP

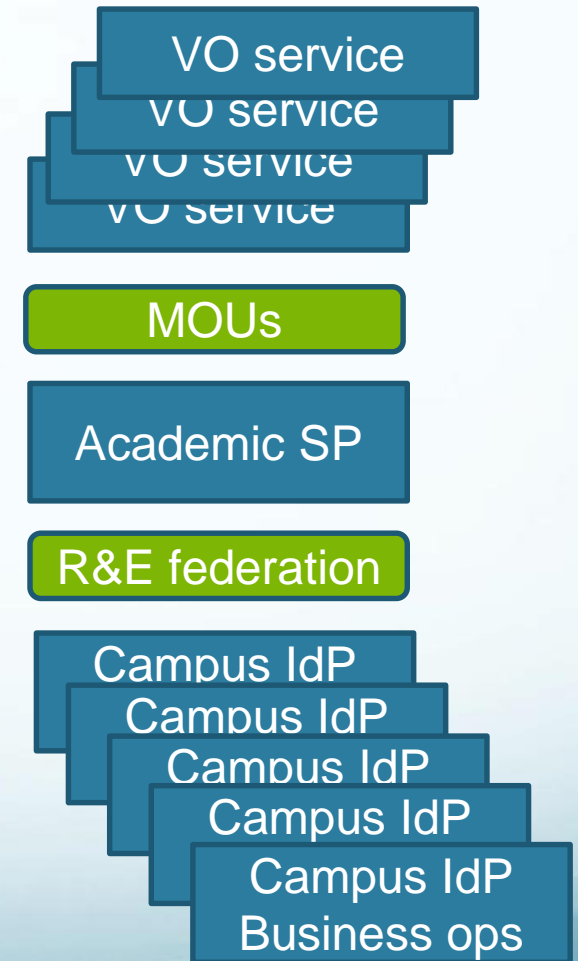
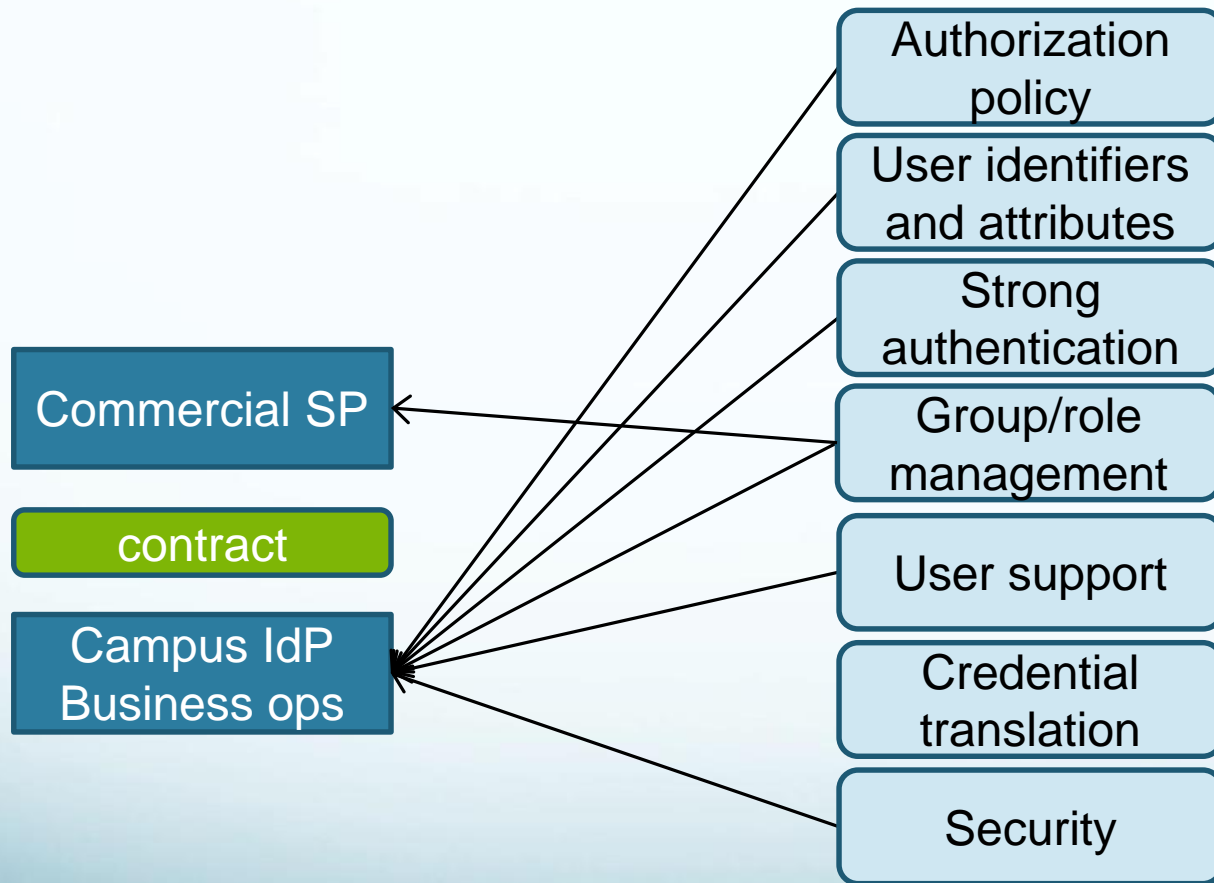
R&E federation

Campus IdP
Campus IdP
Campus IdP
Campus IdP
Campus IdP
Business ops

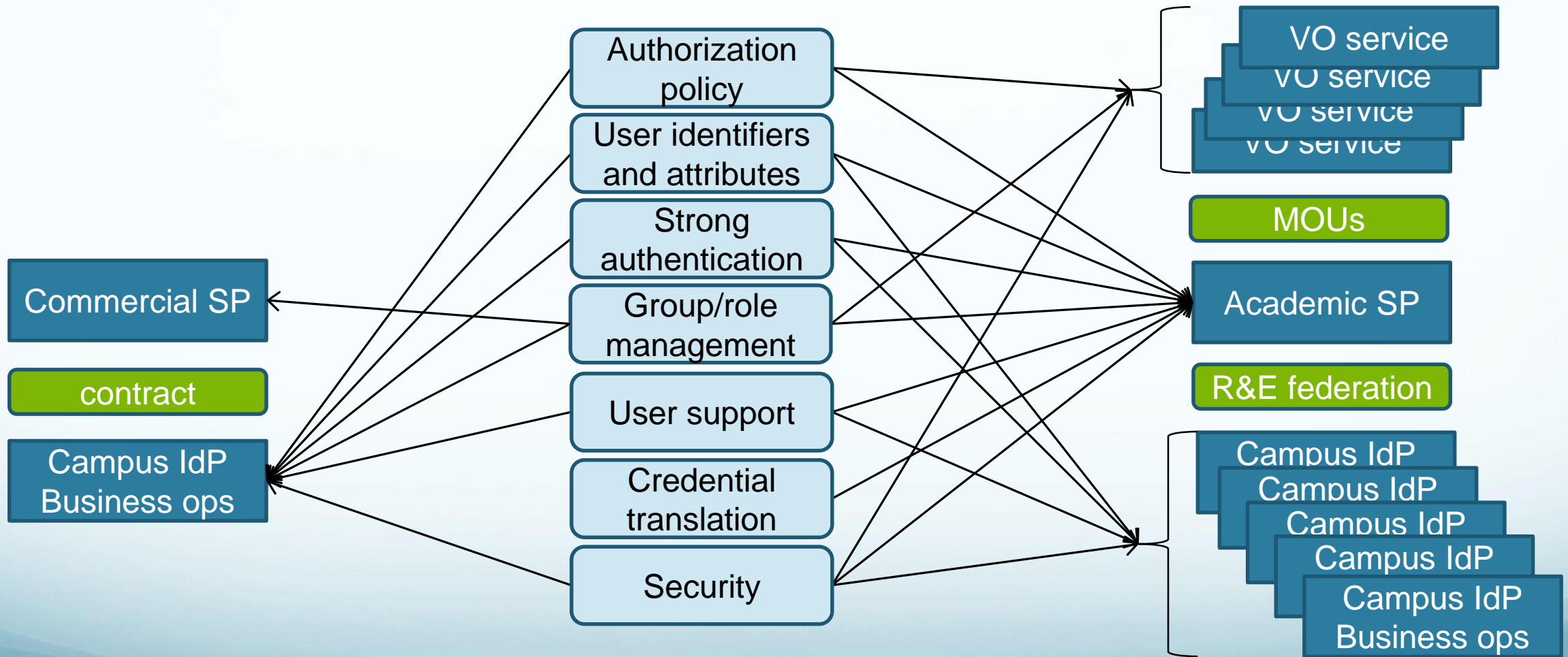
Managing needs of a Service Provider



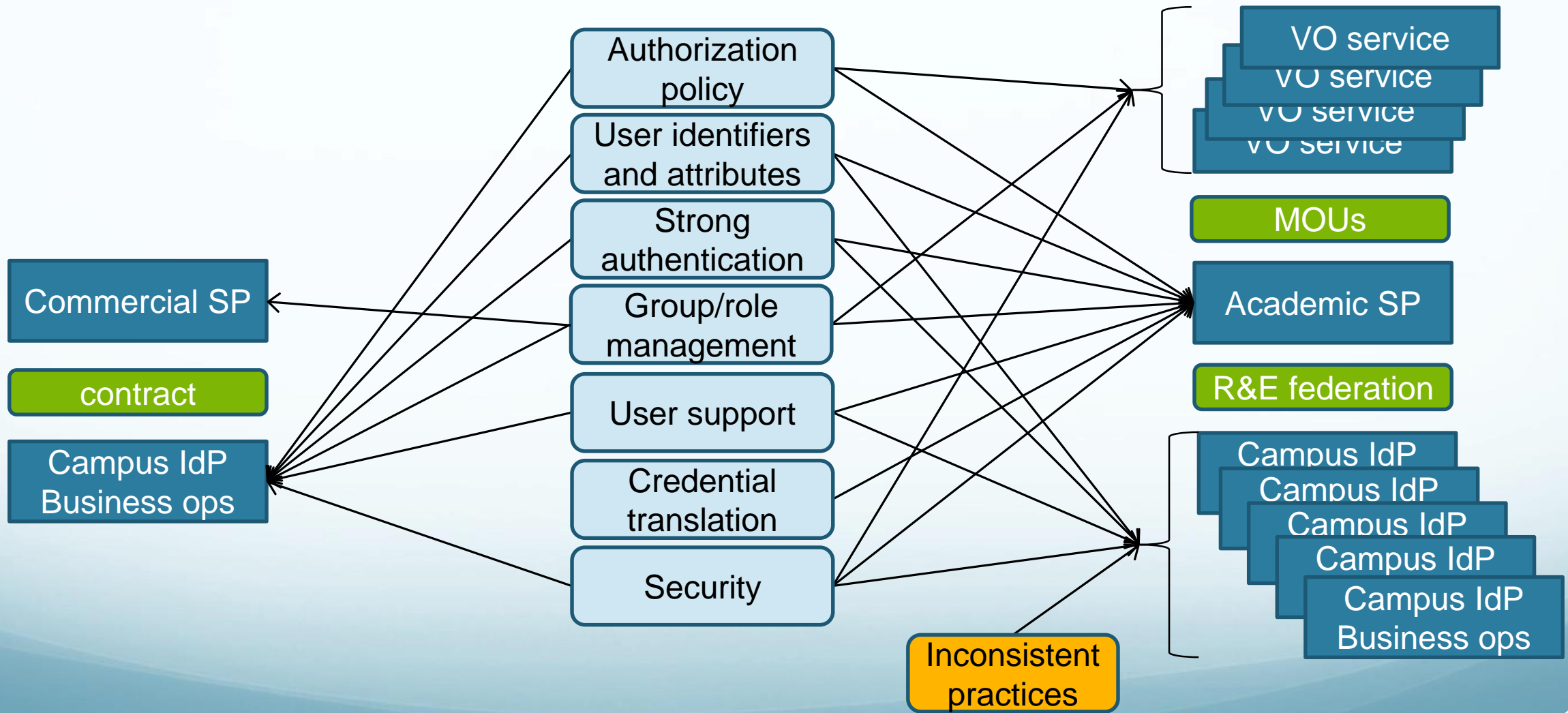
Managing needs of a Service Provider



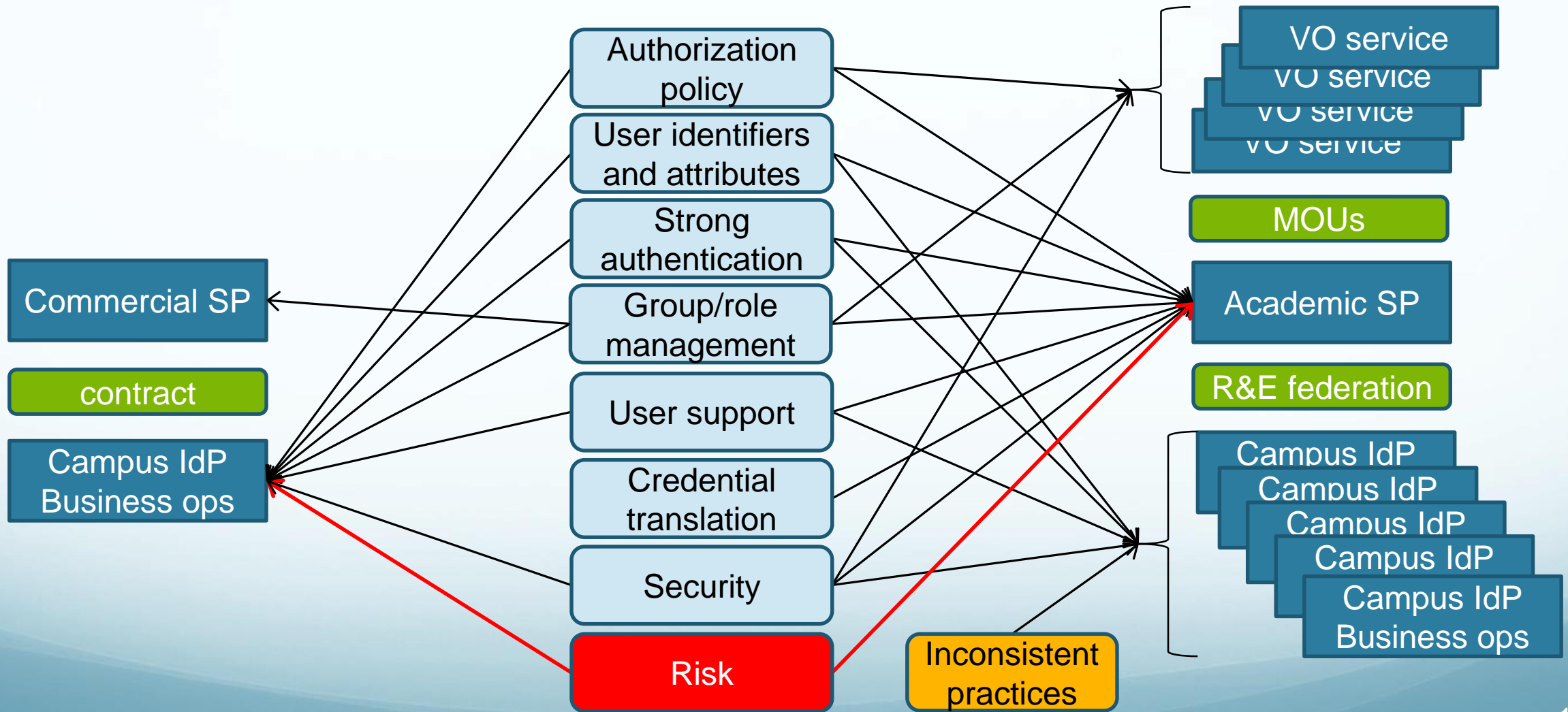
Managing needs of a Service Provider



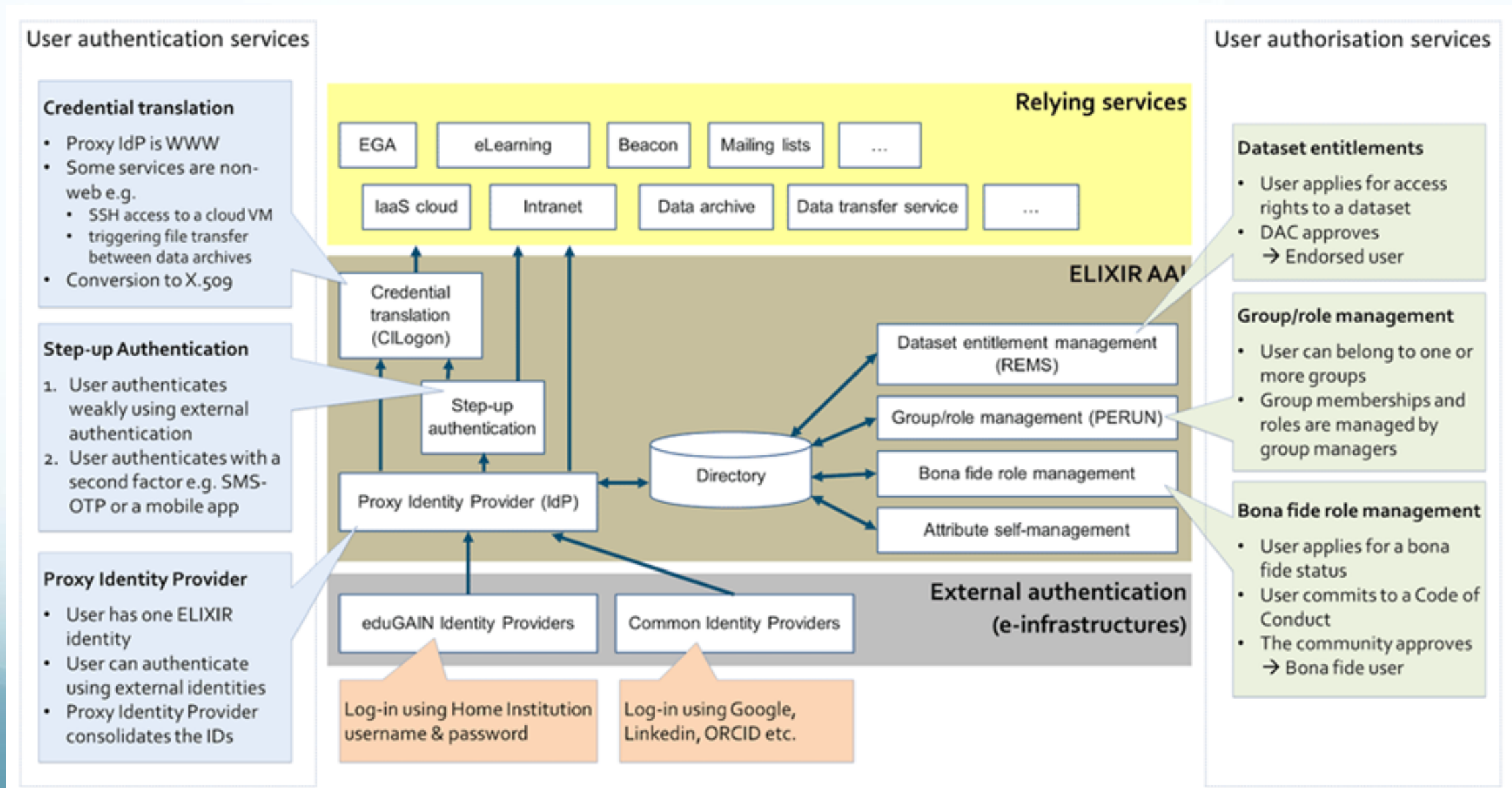
Managing needs of a Service Provider



Managing needs of a Service Provider



ELIXIR – Life Sciences research communities user portal



Manage complexity of academic collaboration

Reduce the problem with ...

- Common architecture (eg, AARC Blueprint Architecture)
- Common technical components (eg, COmanage)
- Community (AARC, Science Gateways Community Institute)
- Common services such as
 - CILogon (Jim)
 - eduTeams (Christos)

... and by Identity Providers getting collaboration ready