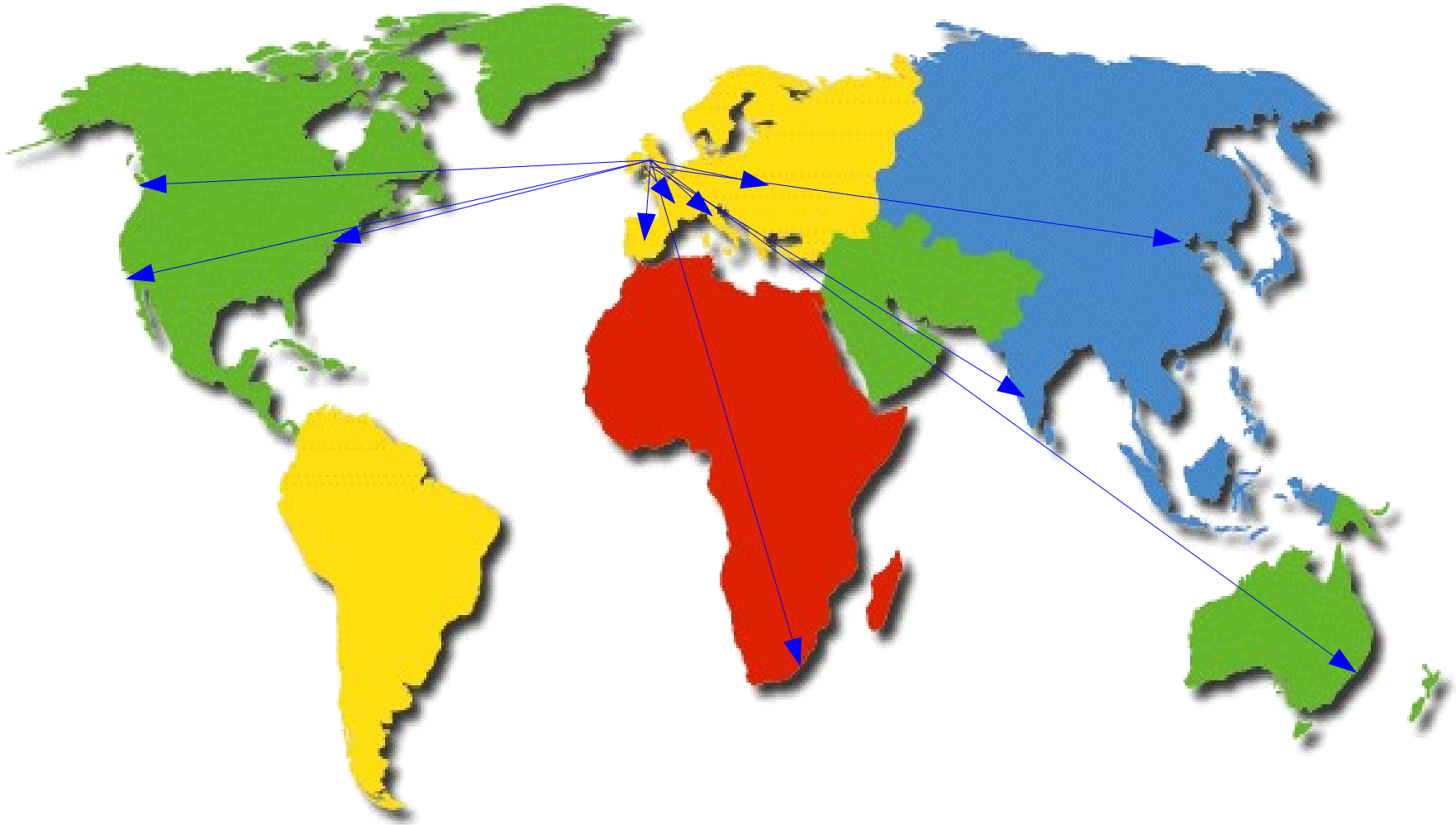


# SSO architecture and Implementation

Guy Rixon

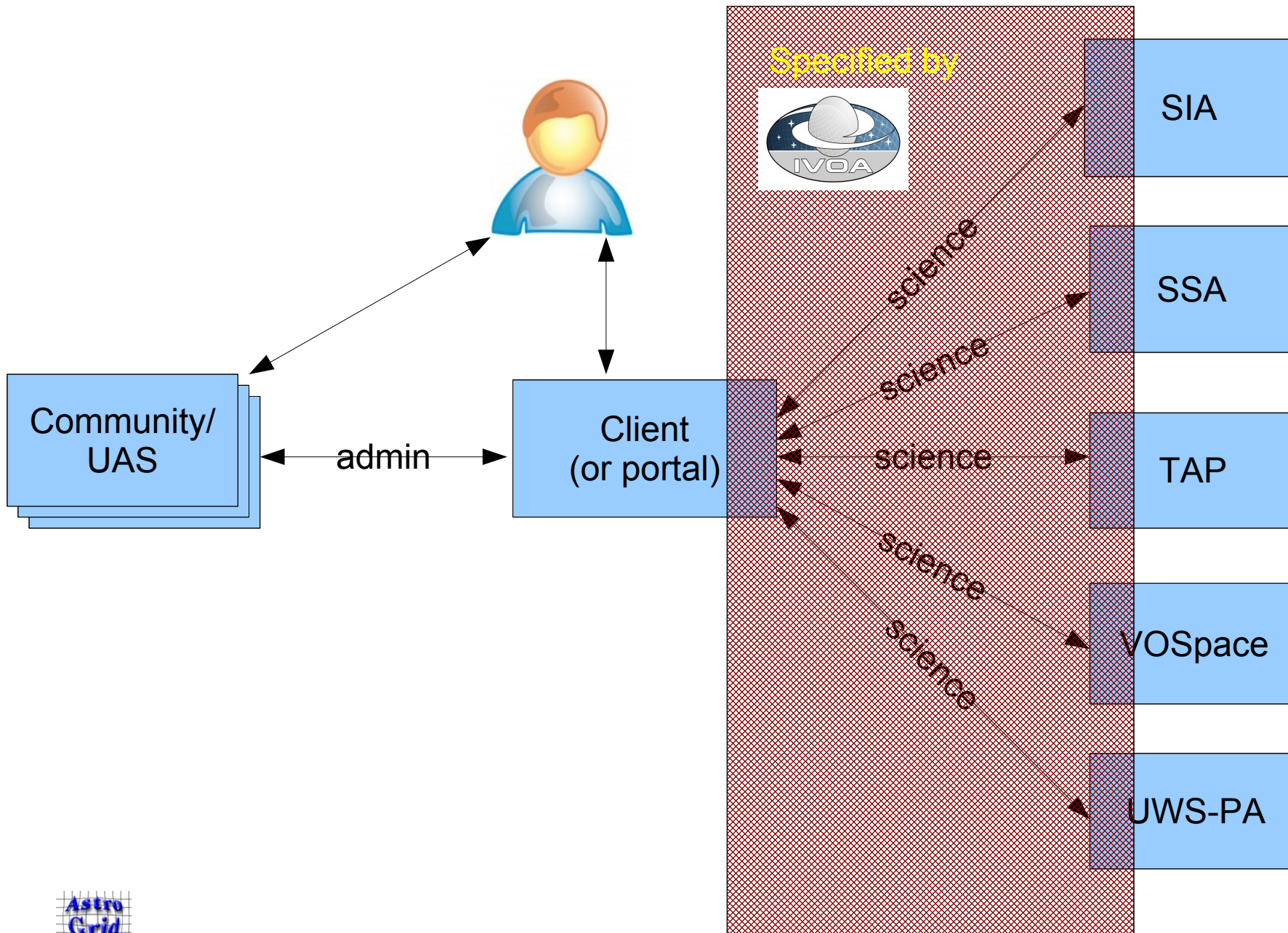
Presentation to VOTech review  
October 2007

# SSO for the IVO

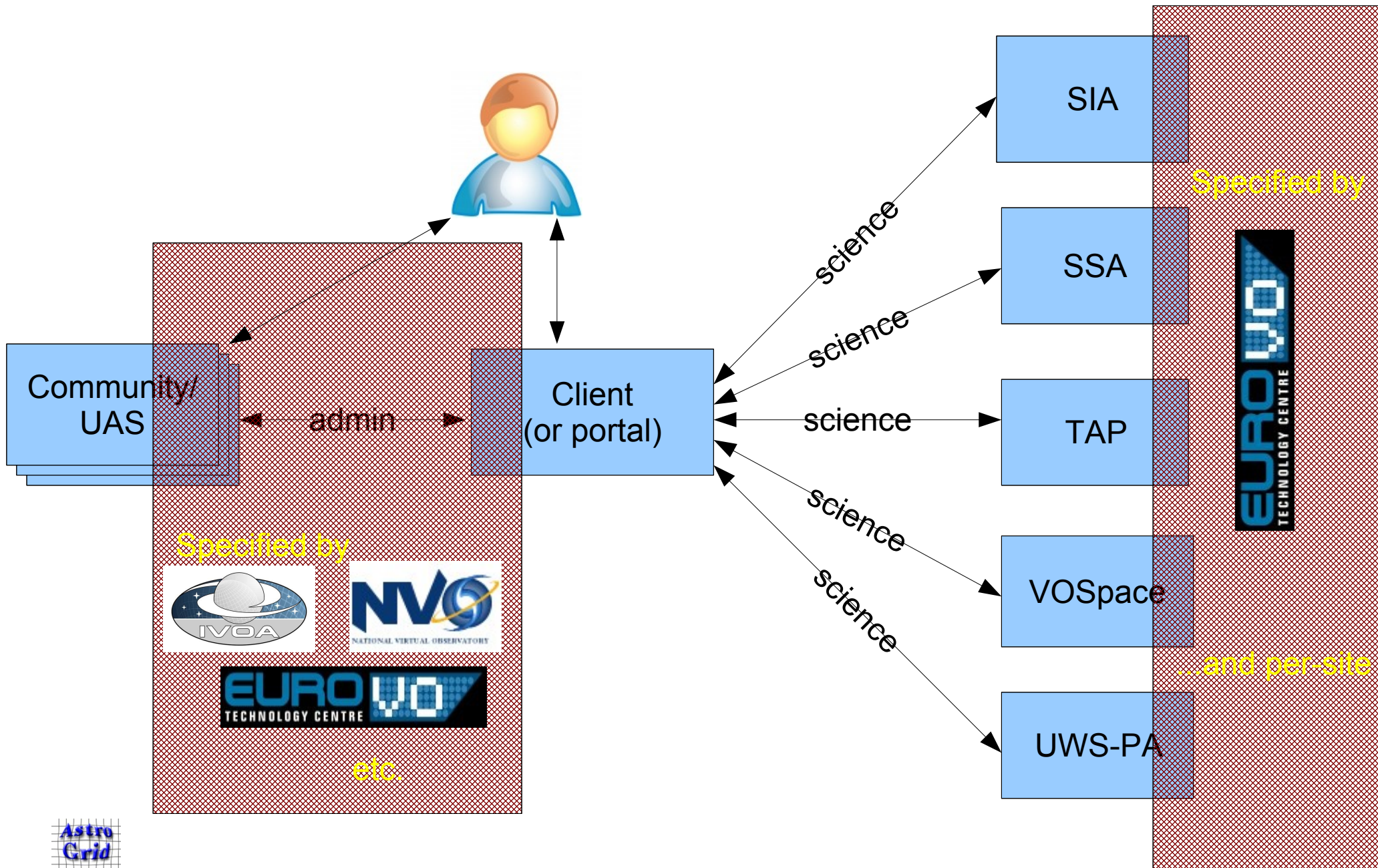


Global SSO, not just within EuroVO!

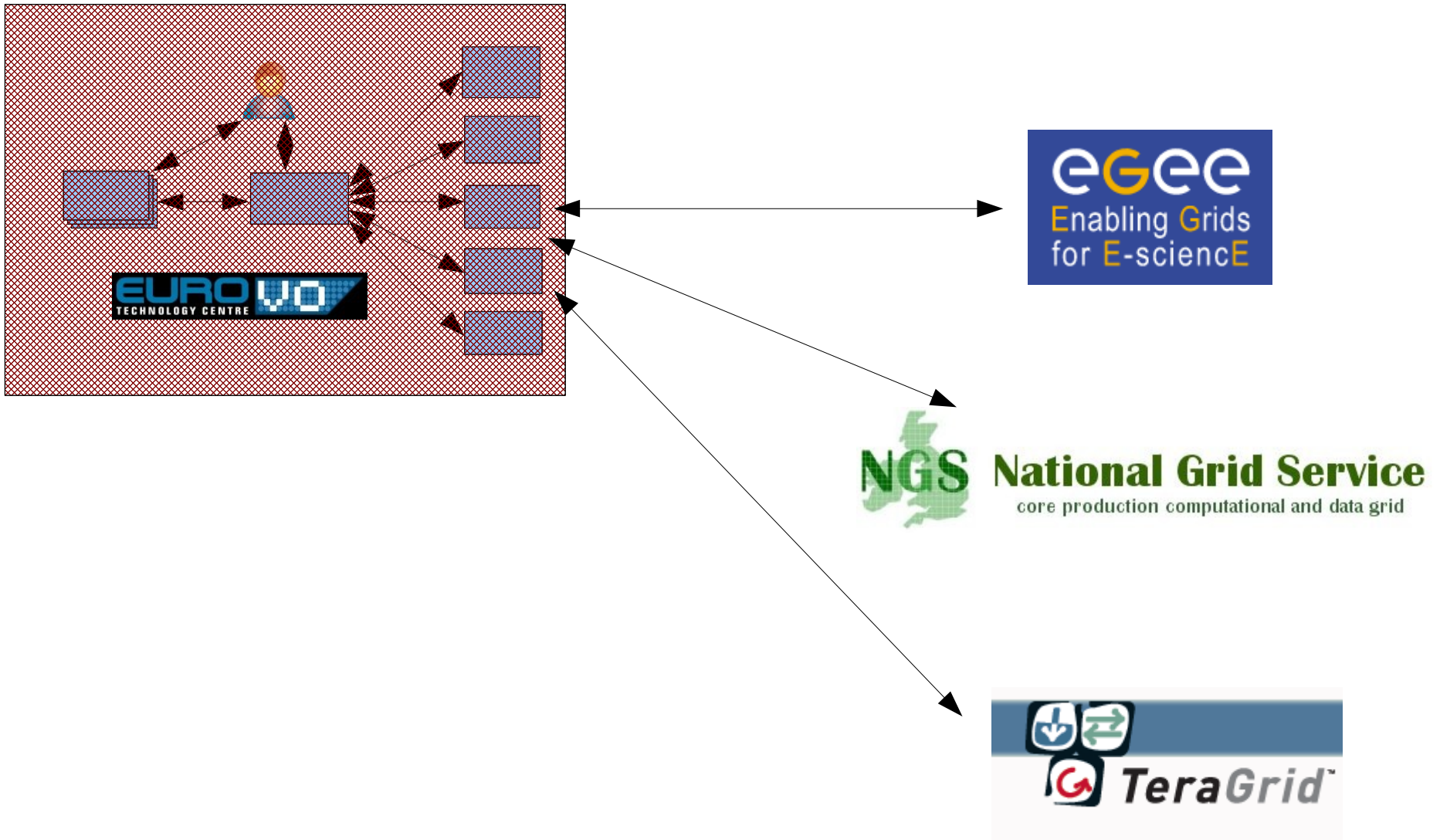
# SSO for the IVOA



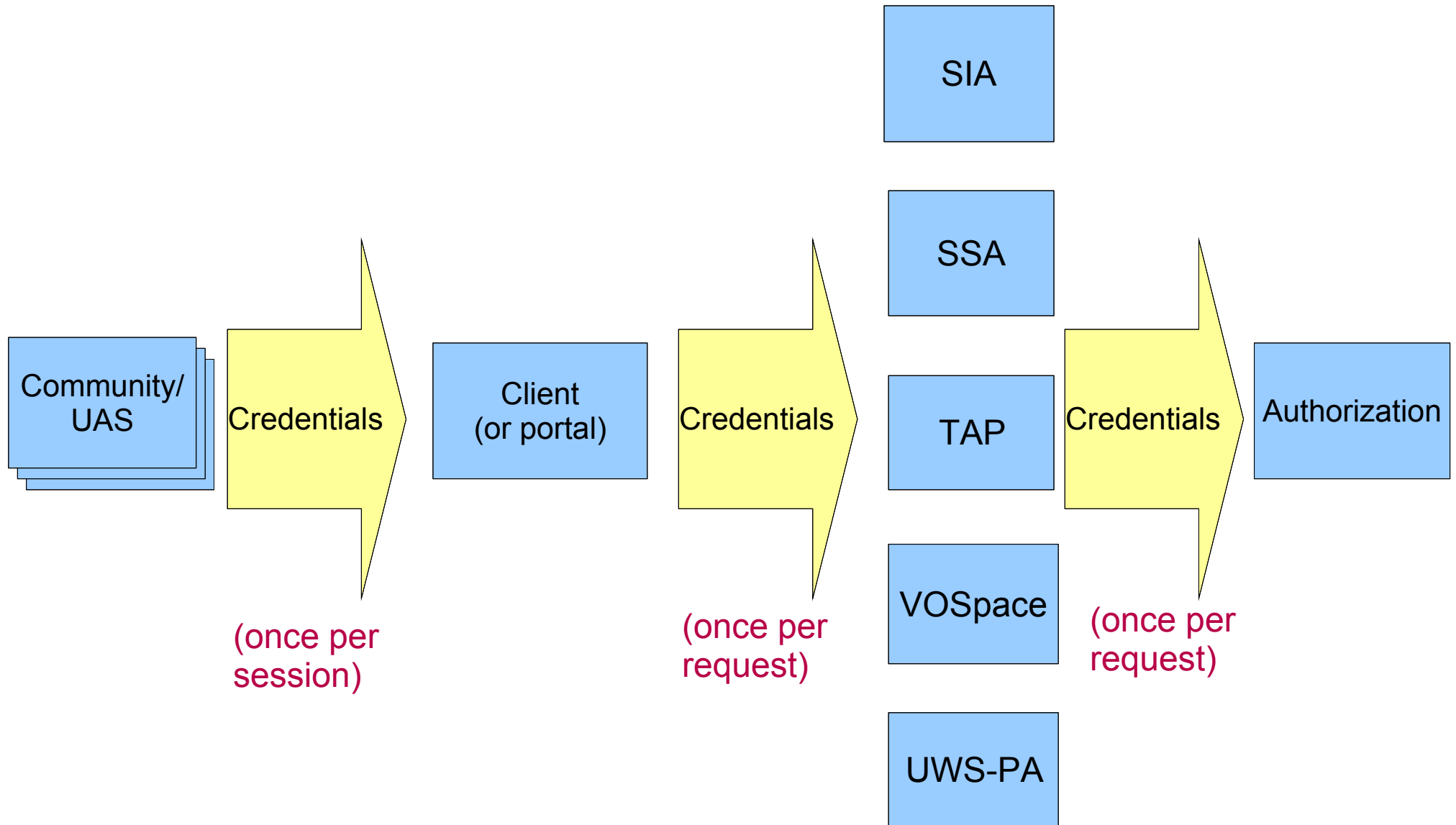
# SSO for VOTech



# SSO for the Grid



# Sign-on/authentication/authorization



# Minimal use of passwords



Password

PKI  
Credentials

Client  
(or portal)

Password

Community/  
UAS

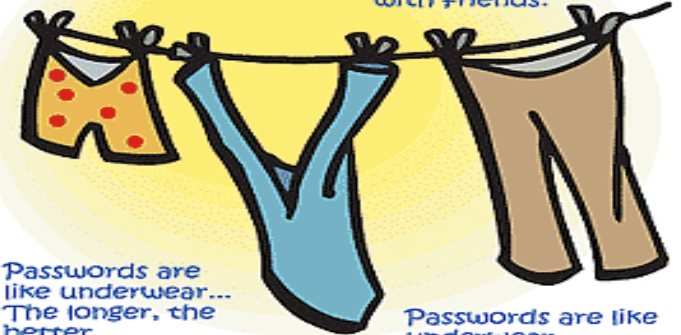
VOMS

MyProxy

## Passwords Are Like Underwear

Passwords are like underwear...  
Change yours often.

Passwords are like underwear...  
Don't share them  
with friends.

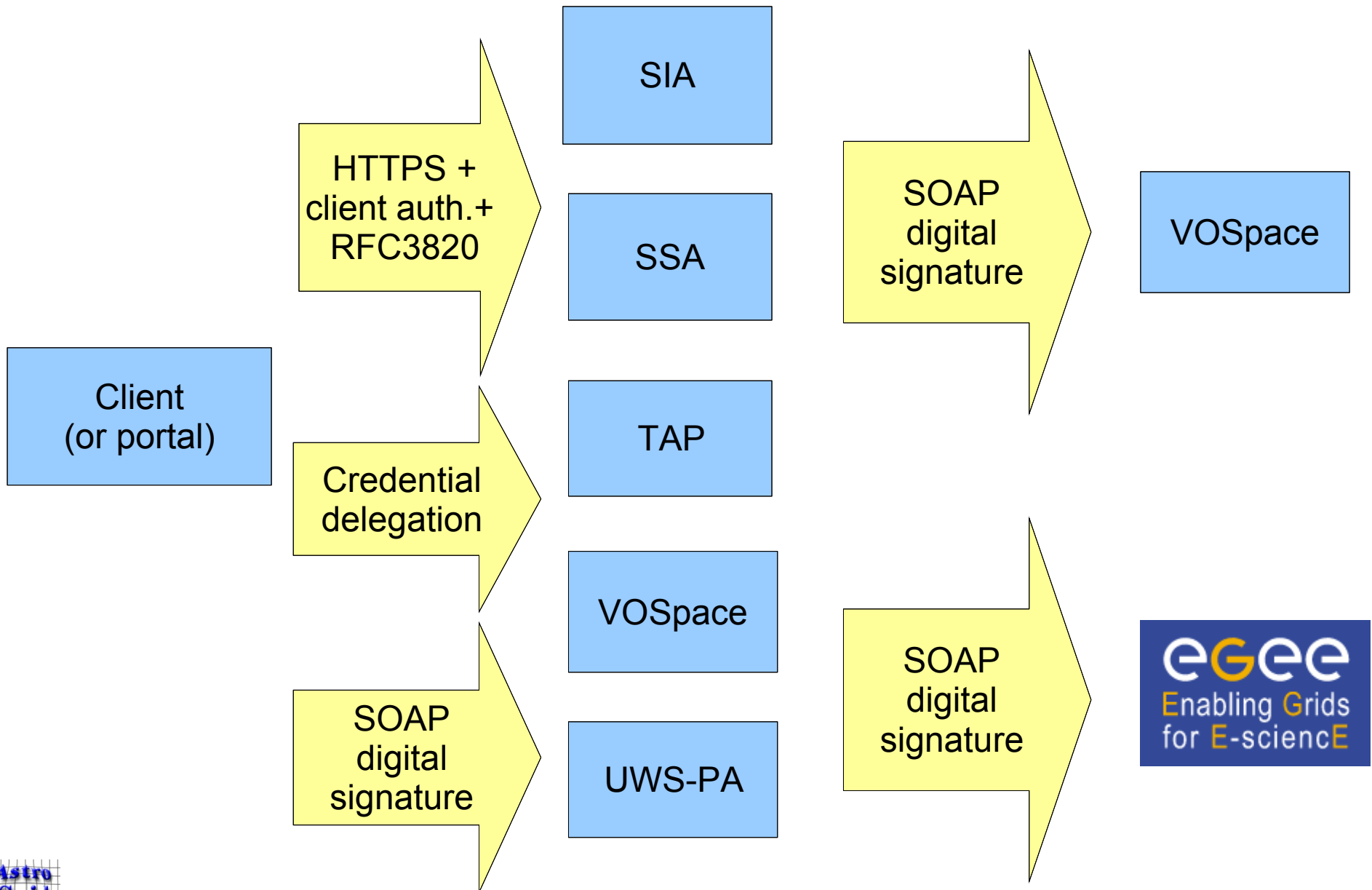


Passwords are like underwear...  
The longer, the  
better.

Passwords are like underwear...  
Be mysterious.

Passwords are like underwear...  
Don't leave yours  
lying around.

# Maximal use of PKI



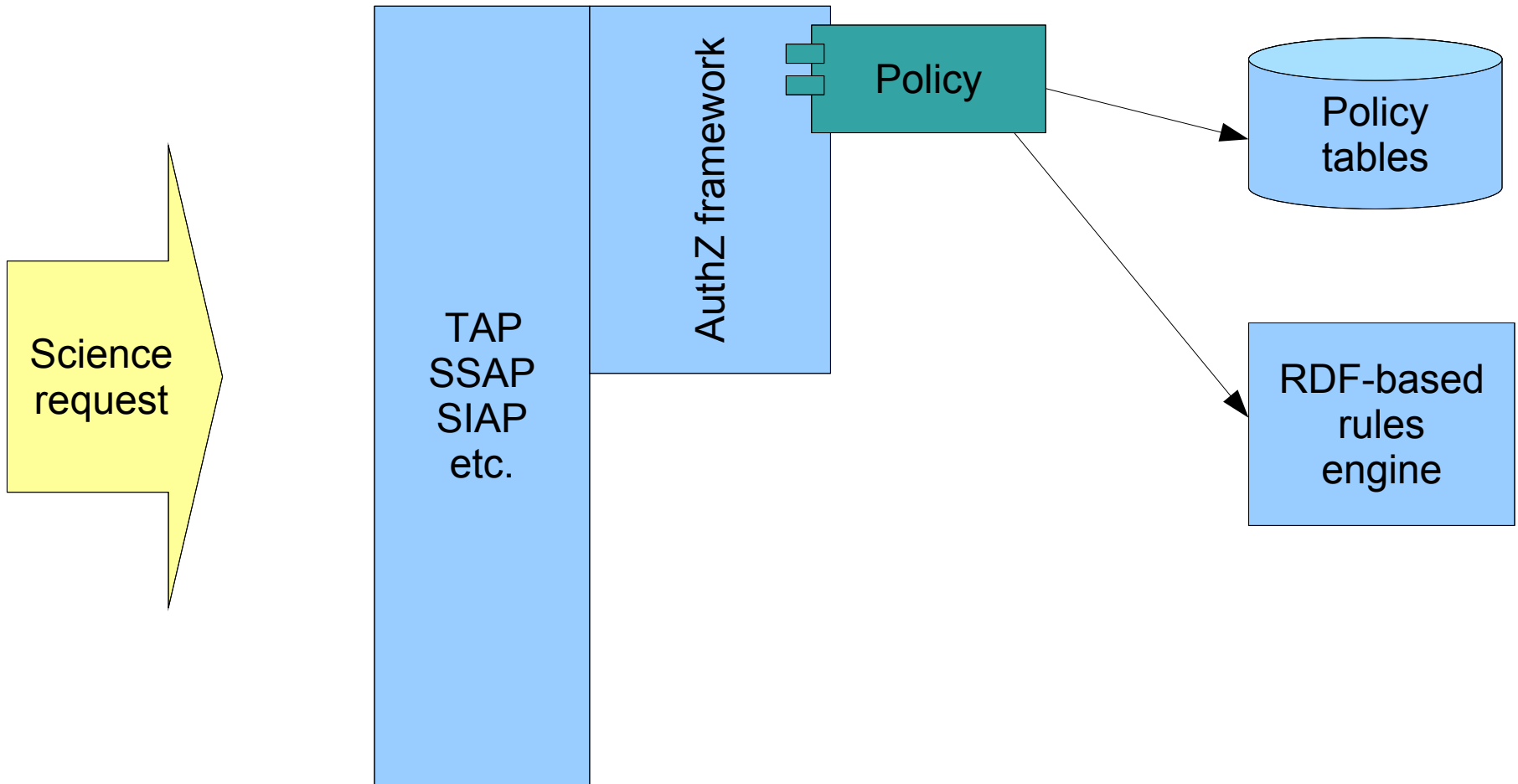
# Union of PKIs

- In order of preference:
  - Approved by Grid PMA
  - Approved by IVOA
  - Local recognition only

# Hierarchy of VOrgs



# Pluggable authorization

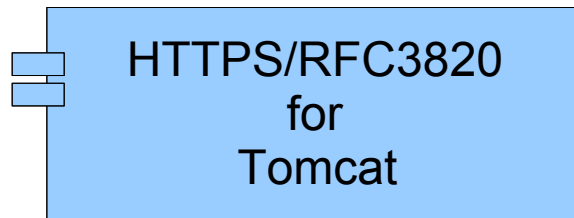


# Components for data centres

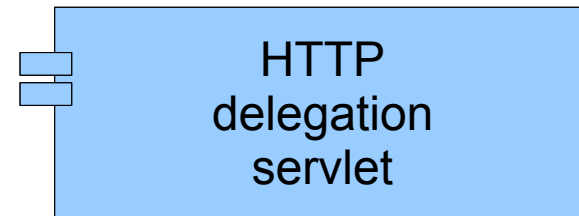
Available

In development

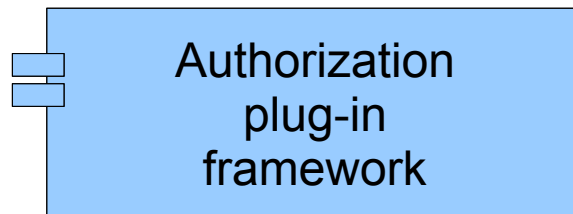
New!



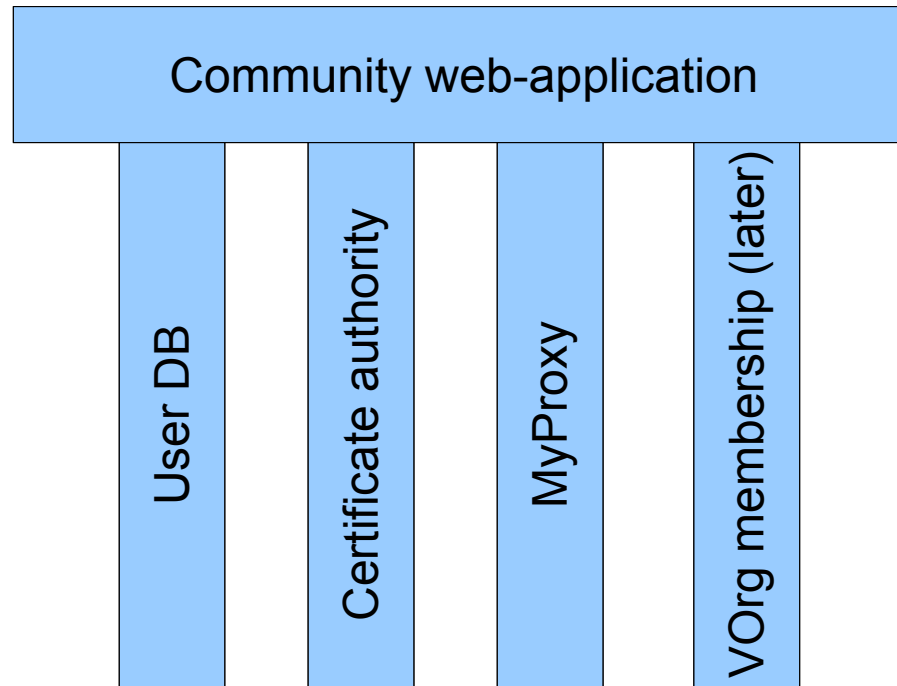
New!



New!



# Components for the Community



# Components for the desktop

