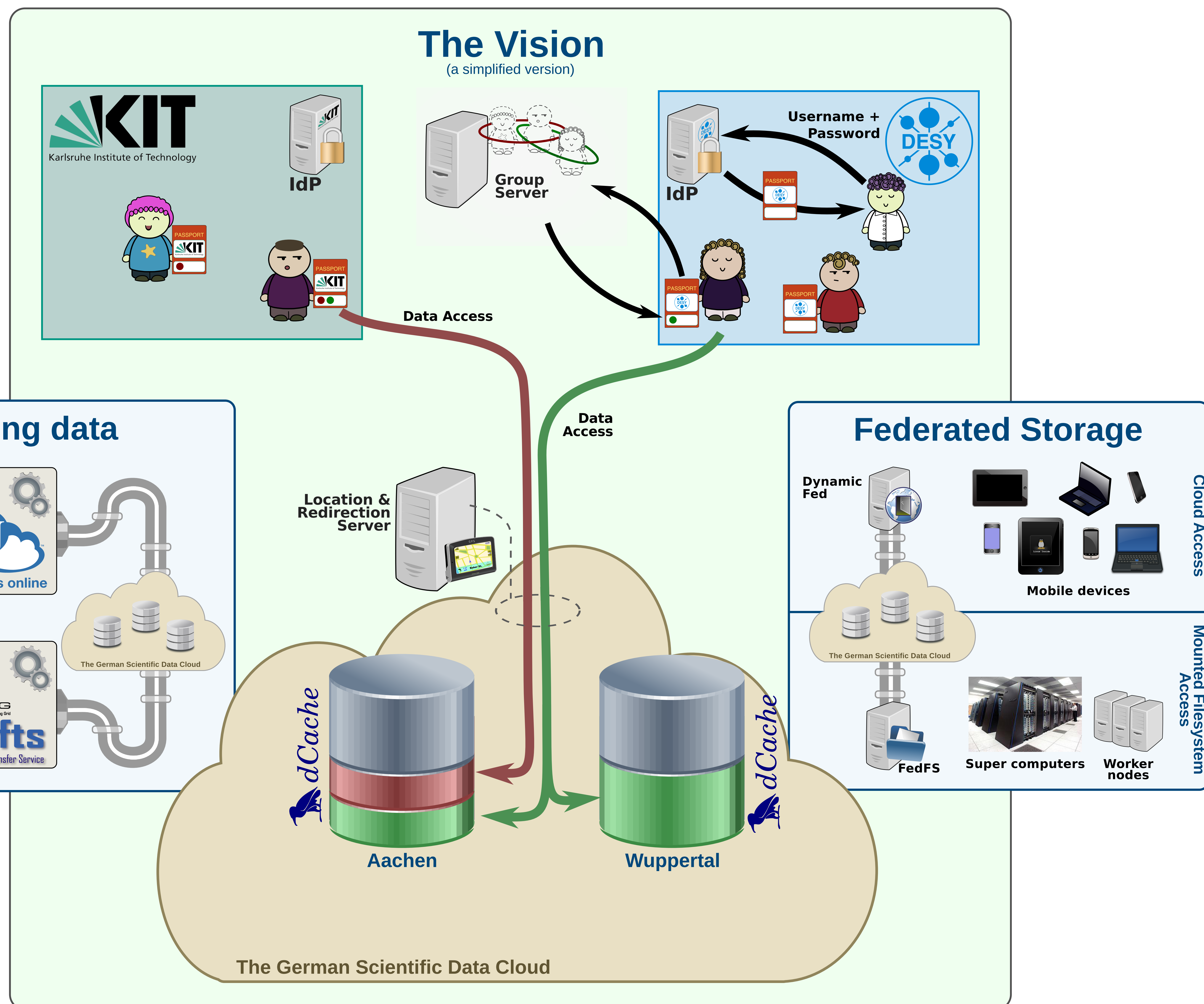


Federated Identity

Allow scientists, only registered at their local site, to access resources anywhere in Germany.

Federated Storage

Access all German Scientific data, distributed over many sites, with a single starting point.

**Federated Identity**

Each scientist's home institute runs an IdP. Users always authenticates with home institute's IdP. When user wishes to use a resource, they are redirected to home institute IdP to authenticate. IdP returns a SAML assertion to resource. Group-membership comes from group server, which doesn't need to run at institute or at service. Authorisation happens at the service, but based on group-membership.

Federated Storage

The German Scientific Storage Cloud. Clients can be agnostic to file location; best available replica is chosen. Support for cloud protocols: HTTP, CDMI, WebDAV. Support for mounted filesystems: NFS, via FedFS. Security provided by Federated Identity, supporting multiple AAI mechanisms for the same person.