

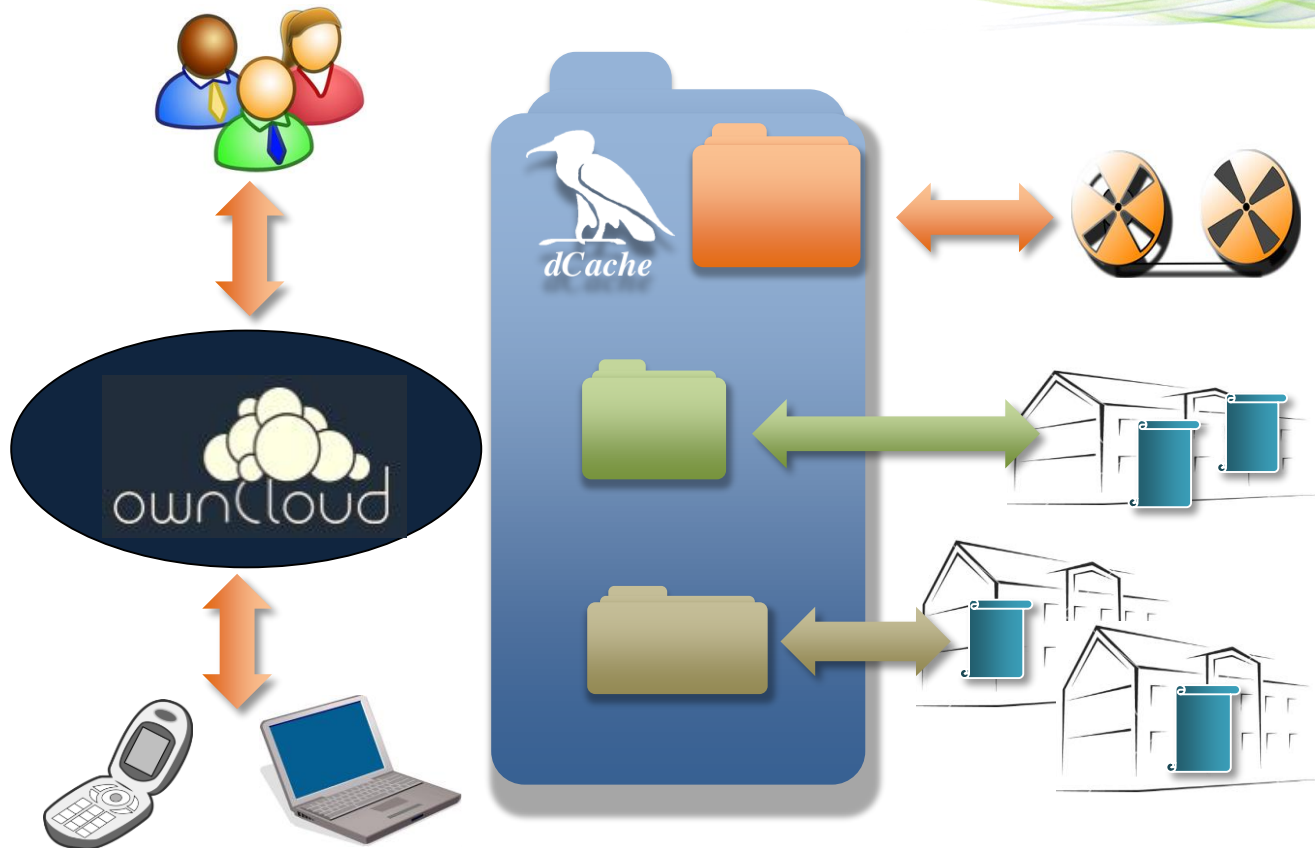
See Tigrans Talk  
Today 14:00 at  
GG C3

## Benefits: Best of two worlds

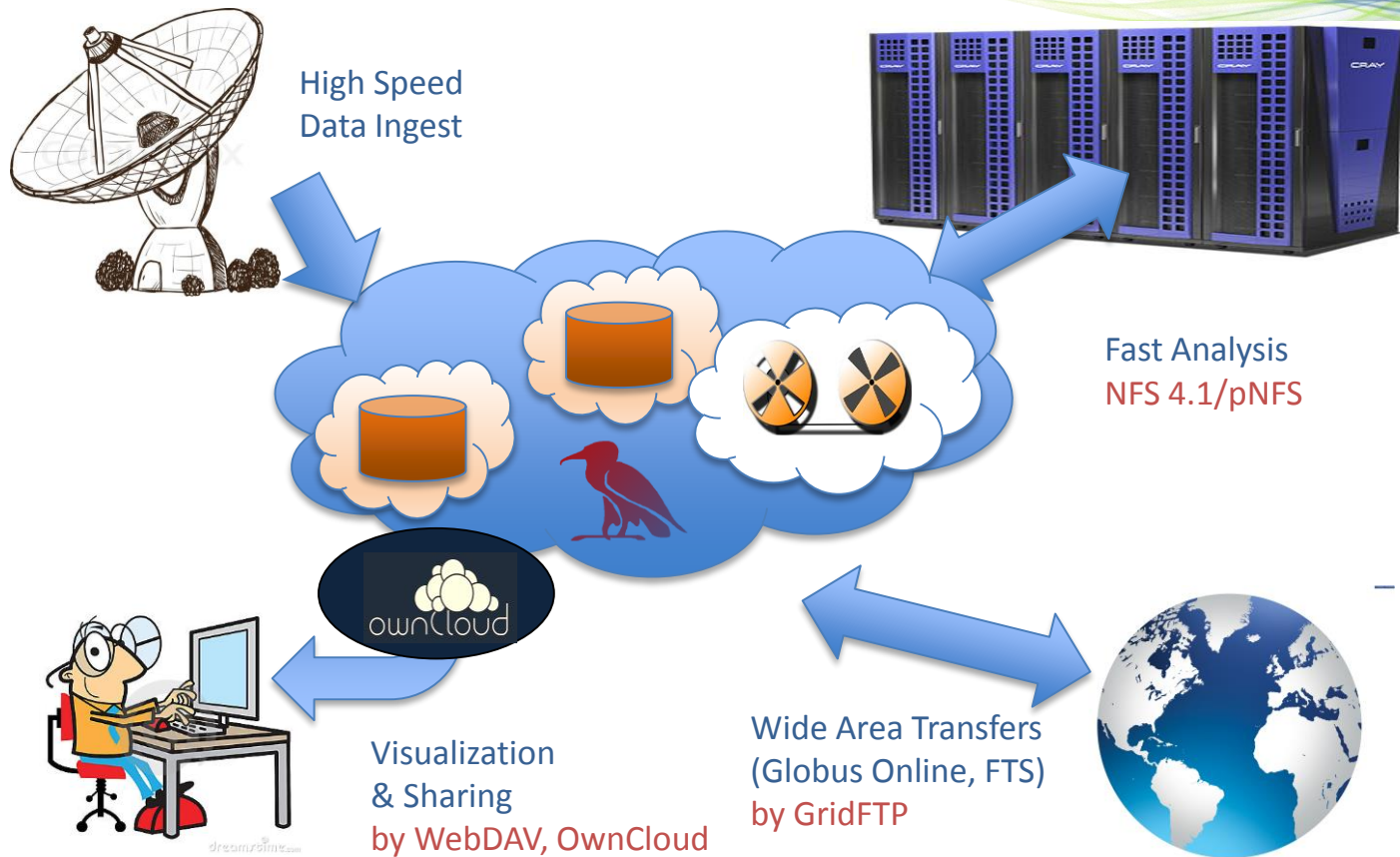
- Low maintenance CEPH functionality
- High level dCache functionality : access protocols and authentication mechanisms



# The Hybrid System



# The scientific Data Cloud



## Conclusion

Well on the way for new strategic direction on storage:

- Bringing costs down for operations
  - Using ‘low maintenance’ storage backends (e.g. CEPH)
  - Introducing High Availability mechanisms to support ‘dark data centers’
- Allowing Quality of Service in storage to be defined by sysadmins and users.
- Introducing Cloud mechanisms (e.g. sharing) not only for home directory type data but as well for experiment data.
- Implementing the “Scientific Storage Cloud”