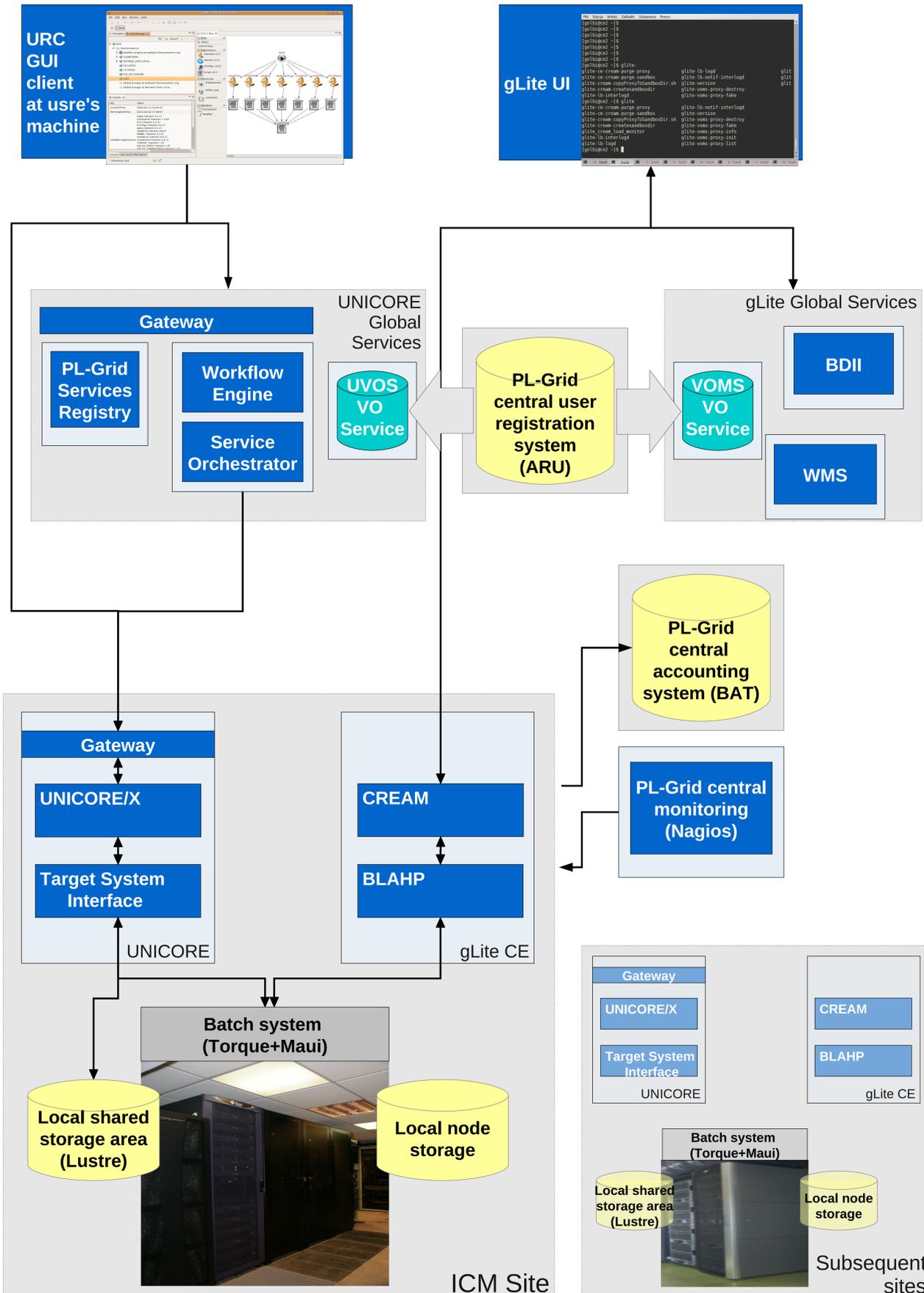


Sharing production resources using UNICORE and gLite

Piotr Bała, Marcelina Borcz, Rafał
Kluszczyński, Krzysztof Benedyczak



- UVOS and VOMS user databases are replicated from the PL-Grid central users database.
 - PL-Grid deployed a shared LDAP instance providing static accounts for PL-Grid users.
 - LDAP is replicated to each site for performance reasons.
- Storage resources can not be shared.
 - DPM or dCache can not be used with UNICORE storage management service and vice versa.
 - UNICORE requires a cluster-wide FS and we deployed Lustre FS for this purpose.
- Computational resources can be accessed using a common batch system.
 - UNICORE and gLite can submit jobs using the same queue.
- UNICORE/X and gLite CE (CREAM) can be installed on the same machine.
 - We have separated them for higher performance and better flexibility in case of OS upgrades.
- A common accounting deployment was developed.
 - UNICORE RUS service exports usage records to the BAT accounting solution used by gLite in PL-Grid.
- UNICORE and gLite are monitored by the same Nagios infrastructure.
 - UNICORE probes are deployed in EGI-Nagios together with an autoreconfigurator.
 - Input for UNICORE is not yet taken from GOCDB due to its current limitations.