

# UNICORE Server: Plans

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UNICORE  
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# Current status

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- Unicore servers are Java based
  - Portable
  - OS independent
- AJO is defined as a collection of Java classes
- Research tool / production use
- but .....
- Grid computing is standardising on Web Services
  - Platform neutral
  - Leverage investment in Web Services platforms for other applications

# NaReGI

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- Japanese National “eScience” nanotechnology project
- Component for grid middleware development
- Based on Unicore for Job Management
  - Develop scheduler and brokering component
  - Information services
- Unicore -> Condor
- Condor -> Unicore
- Require OGSA, WSRF in project plan

# UniGrids

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- 2 years from July 1
  - EU funded
  - See [www.unigrids.org](http://www.unigrids.org)
- Partners
  - FZ Juelich
  - Fujitsu Labs of Europe
  - Intel
  - T Systems
  - CINECA
  - ICM Warsaw
  - University of Manchester

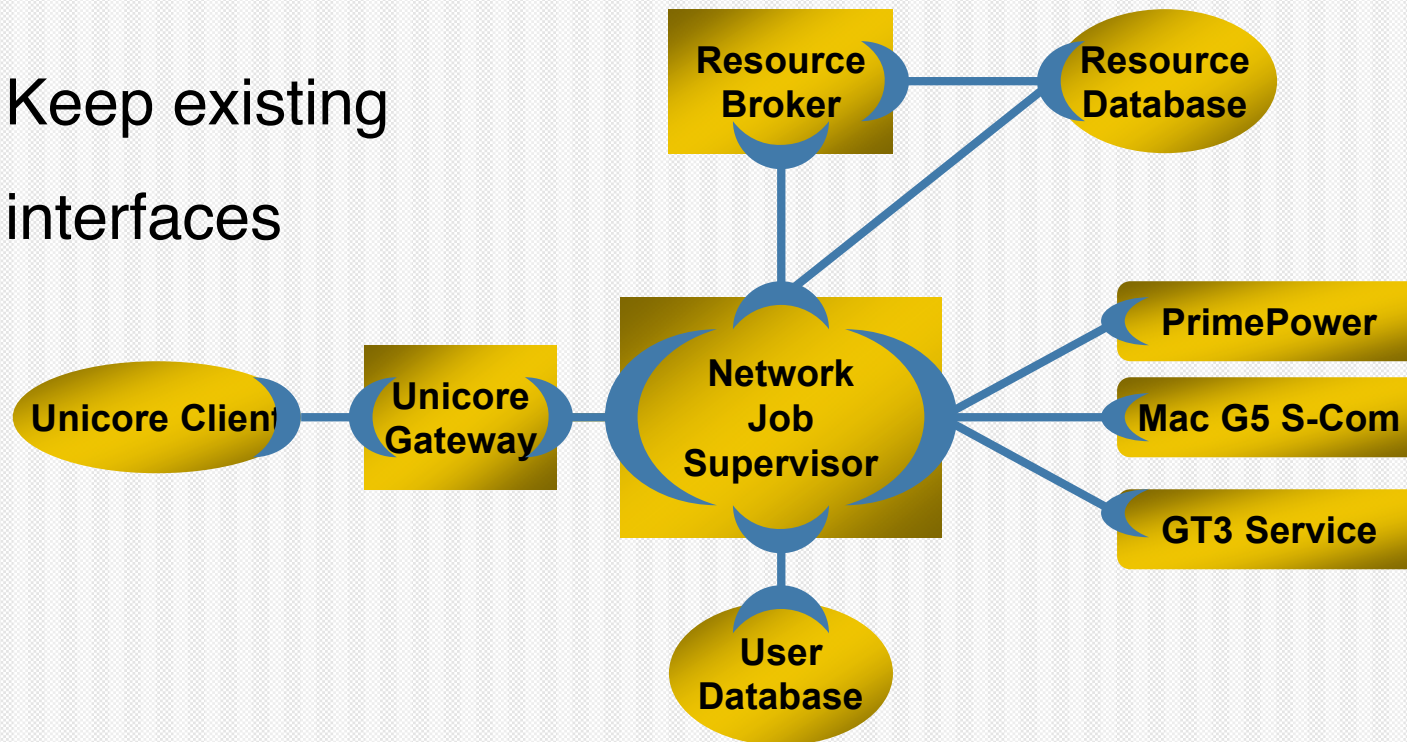
# UniGrids

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- Develop an OGSA compliant system based on Unicore
  - Building on Grip results
- Security and delegation
- Service Portals
- Interoperability
  - Resource ontologies/translation
  - Inter Grid brokering
- Services
  - File transfer
  - Visualisation
  - Remote instruments

# Interfaces

Keep existing  
interfaces



# Unicore availability

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- Unicore is released under a BSD license
- [unicore.sourceforge.net](http://unicore.sourceforge.net)