Grid Support – 2009 Mandate

CERN**T** Department

Mandate: Coordinate the WLCG service and assist the experiments in their successful exploitation of this service

- Data Management and Analysis Support
 - Support the LHC experiments in the key areas of Data Management and Analysis (AMGA, Ganga, SRM evolution)

• Experiment Integration Support

 Help the experiments in integrating their software with the LCG middleware and in understanding the functionalities, and to provide support during the integration and testing process

Monitoring and Dashboards

 Provide experiments with monitoring and dashboard grid tools and upport the introduction and the evolution of the usage of the Grid in all areas of LHC computing, from large simulation and data event reconstructions to users final analysis

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Experiment Support – 2010 Mandate

Mandate: Coordinate the WLCG service & assist the experiments in their use of this service. Lead the HEP Virtual Research Community activity & Services for Heavy Users.

• Distributed Analysis Support (DAS)

LCG

- Support the LHC experiments in the area of Distributed Analysis as well as partner communities based on common tools (Ganga, HammerCloud, ...)
- Monitoring and Dashboards (MND)
 - Provide experiments with grid monitoring and dashboard tools which offer: monitoring of activities within a VRC/VO; monitoring of distributed sites and services; access to news & service schedules etc.
- VO Operations & Services (VOS)
 - Help the experiments in integrating their software with grid middleware, assist them with their operations, support the persistency framework and VO services / tools as part of the move to sustainable operations ("Heavy User Communities")

Department