

CyGrid has been included in XiPi, the portal for Future Internet infrastructures: <http://www.xipi.eu/>

**CyGrid** 91 visits

The Laboratory for Internet Computing (LINC), is a research group based at the Department of Computer Science of the University of Cyprus, specializing in research and development activities which focus on Cloud and Grid computing, Web Data Management, Vehicular Computing. LINC has conducted research in emerging challenges of Internet Computing.

As of 2002, LINC initiated the CyGrid activity, which installed and operates a Grid Computing facility in Cyprus, the Cypriot node of the European Grid Infrastructure (EGI), the Cyprus Certification Authority (CyCA), e-Mammoth, a Cloud storage facility and Nephelae, a Cloud computing facility, with over 340 CPUs, 700GB Main memory and 88TB of storage this infrastructure has been used by Cypriot researchers for large-scale simulation experiments in thermal modeling of multi-core processors, chip design, conformal prediction for medical diagnosis, AI planning, medical-data storage, medical-data security, and statistical processing of large-scale data sets. LINC infrastructure includes also several environmental and mobility sensors, tablets, smartphones, Internet TV, Raspberry Pi. LINC has also installed and operated a satellite communication infrastructure in three Cypriot hospitals, including the main referral hospital of Cyprus in Nicosia. This infrastructure has been used to support second opinion and e-Learning scenarios in medical practice (its operation was demonstrated to the Cypriot Minister of Health in 2007).

Funding agencies: the European Union under FP5, FP6, FP7; the Research Promotion Foundation of Cyprus and the University of Cyprus.

<http://grid.uoy.ac.cy/index.php/infrastructure>

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Overview Details Map Image Related Infrastructures Owner's Services Check Similarity

**Owner:** University of Cyprus

**Country:** Cyprus

**Business App. Sectors:** All Sectors

**Components:** Cloud Network  
Data Context Management  
Application Service Delivery  
Sensor Network  
WIFI Network  
Backbone Network  
Wired Access Network

**Category:** Local (town or regional) infrastructure  
Other

**End user groups:** Students / Researchers

**FI-WARE compatibility:**

**Supported by:**

**XiPi** Shining a light on infrastructures for the benefit of the Future Internet community

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- The portal for Future Internet Infrastructures
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1 WELCOME TO XIPI V2.0 2 FIND INFRASTRUCTURES

**CyGrid**  
Country: IT  
Business App: All Sectors  
Sectors:  
Components: Cloud Network, Data Center, Management, Application Service

13 AUG TUE  
13 AUG TUE  
Globe W/F