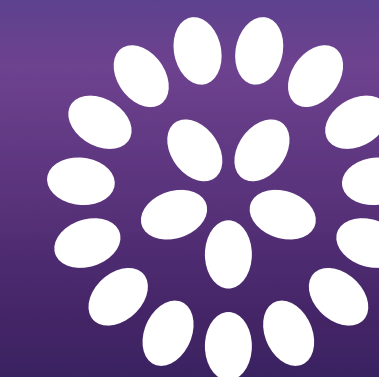


VISA: User experience enhancement



OSCAR

Open Science Clusters' Action
for Research & Society

VISA, the Virtual Infrastructure for Scientific Analysis, is an innovative solution that enables remote access to data, hardware resources, and preinstalled software tailored for specific data treatments. The project aims to enhance user experience by optimising streaming solutions and improving fluidity, session management, security, and internationalisation of VISA, while engaging with the scientific community in the refinement process.



PaNOSC
Photon and Neutron Science

Challenge

The main challenge addressed by the project is the growing volume of experimental data and increasing complexity of data processing.

Solution

The project plans to maintain and optimise VISA, enhancing user experience. Initial research will pinpoint crucial technologies, with a focus on evaluating WebX's performance and user feedback, and comparing it with other notable tools. The industrialisation process will follow, by integrating the chosen solution into VISA.

Scientific Impact

VISA will foster streamline research activities, enhance productivity, and potentially lead to faster scientific breakthroughs. Improved collaboration and accessibility may encourage a broader spectrum of interdisciplinary projects, driving innovation and knowledge expansion in various scientific domains.

Partners

Institut Laue-Langevin