Liger hosts an HPC-as-a-Service fully engined by BULL® Extreme Factory Computing Studio with a fast and an efficient Remote 3D Visualization application.

Remote visualization makes it possible to consolidate all 3D viewing applications on Liger. XRV is a BULL client-server 3D fast streaming technology. Consumes less bandwidth. Data stream ciphered through SSL/TLS tunnel. Session authentication through one-time password, ciphered on-fly. HQ screen refreshes sent when the image stops moving. Real time session.

A friendly Web Portal featuring a Responsive Web Design (RWD), a customizable User Interface, an HTTP RESTful API and a 3D Visualization Engine (XRV) fully integrated. Manage data and workflow from remote locations. Deploy your own HPCaaS with accounting, multi-tenancy, RBAC, etc.

Batch scripts and input files are directly editable in a browser from the XCS portal.

Jobs submitted by SLURM are monitored and performed by XCS routine. Batch scripts and input files are directly editable in a browser from the XCS portal.

Fast IO Cluster

Batch scripts and input files are directly editable in a browser from the XCS portal.

HPC services running over an HA virtualization infrastructure a DMZ network.

Firewall IP filtered.

Ce projet est cofinancé par le Fonds Européen de Développement Régional.

Nantes Métropole

le logotype Nantes Métropole est une entité immuable, dont les transformations envisageables sont définies dans la charte graphique. Toutes autres interprétations graphiques de l’identité visuelle sont interdites.

Pour tout complément d’information, contactez le Service Communication externe de Nantes Métropole.

Centrale Nantes is a French engineering school and member of the Ecoles Centrale Group. Its graduate, master and PhD programmes are based on the latest scientific and technological developments and the best management practices. Founded in 1919, Centrale Nantes’ 40-acre campus welcomes 2320 students, including 1550 graduate students, 150 Executive Education and degree apprenticeship students, 240 PhD students and 380 Master and Advanced Master students.