



The EnginFrame Grid Portal provides an efficient infrastructure to put Grid-empowered applications on your corporate Intranet/Internet. Application interfaces can be tailored to the specific users' skills or access rights. Users can therefore access and control their computing and engineering resources via an intuitive, standards compliant Web interface, virtually from anywhere using a standard Web browser.

With the integration between NICE EnginFrame and IBM Deep Computing Visualization products it is now possible to power-up medical users with a threefold perfectly integrated solution: easy access through the Web and thin client, high performance computing and enterprise Grid data management, extensive visualization capabilities.

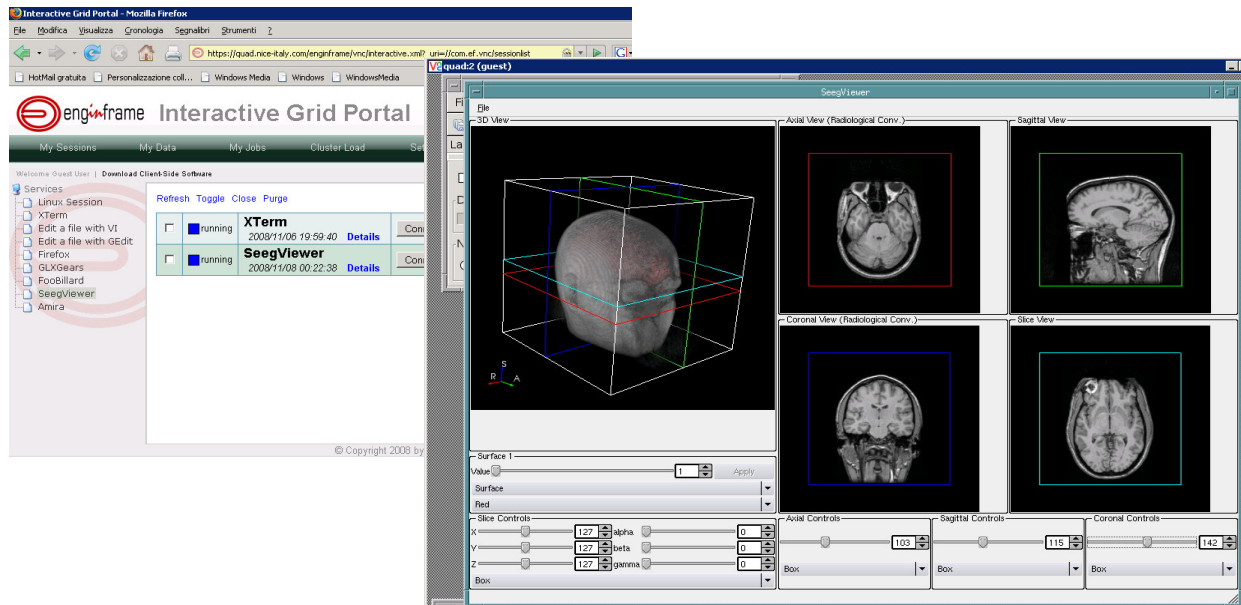
EnginFrame and DCV

IBM Deep Computing Visualization (DCV) is an advanced 2D/3D GUI virtualization solution that is tightly integrated with the NICE EnginFrame technology, enabling a user-friendly DCV Solution Software Stack. With EnginFrame as part of a DCV architecture, its users have their everyday access and control of DCV complimented with the powerful features of EnginFrame, like:

- Single sign-on capability
- Intuitive, application-centric interface to start a session
- All data transfers from and to the DCV server are handled by EnginFrame
- The load and usage of the DCV cluster is monitored in the browser

Pros for the medical imaging market

- Built-in collaboration, to share sessions with other users (e.g. consulting, training)
- Integration among modalities (CT, PET, MRI, fMRI) is performed server side and can benefit from powerful server side hardware
- Decreased costs for software and hardware investments at client-side
- Client-server paradigm allows for lightweight, noiseless, low powered and small form factor clients
- It enables the provision of complex 3D and 4D data on small client, remote displays and mobile devices
- The compute-cluster approaches enabled by EnginFrame allows for extending traditional imaging tools with high performance computing (e.g. brain surface extraction, voxel based analysis) even if requiring HPC hardware (e.g. IBM Cell/BE)



About NICE

NICE develops the industry-leading EnginFrame Grid portal, delivering user-friendly, highly customizable access to grid-enabled applications and infrastructures. NICE products complete the Grid solution by increasing usability and user-friendliness, without sacrificing flexibility and control in the most advanced computing scenarios, that include Aerospace, Manufacturing, Mechanical, Oil & Gas, Biotechnology Electronics, Telecommunications, Research Education and Academia.