

OptlPortals

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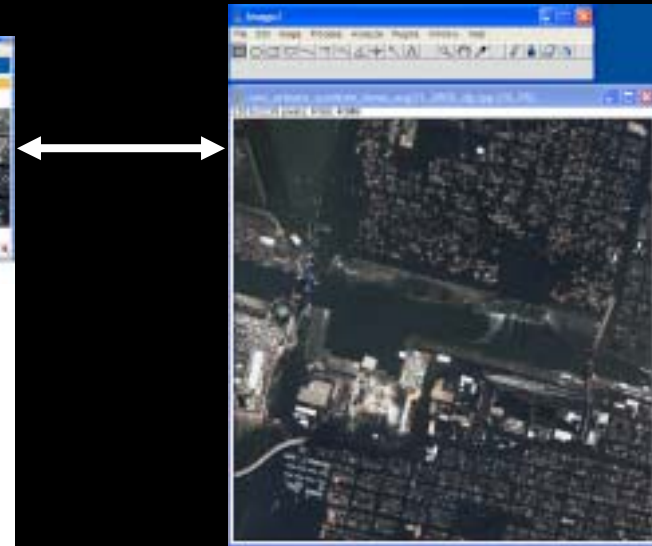
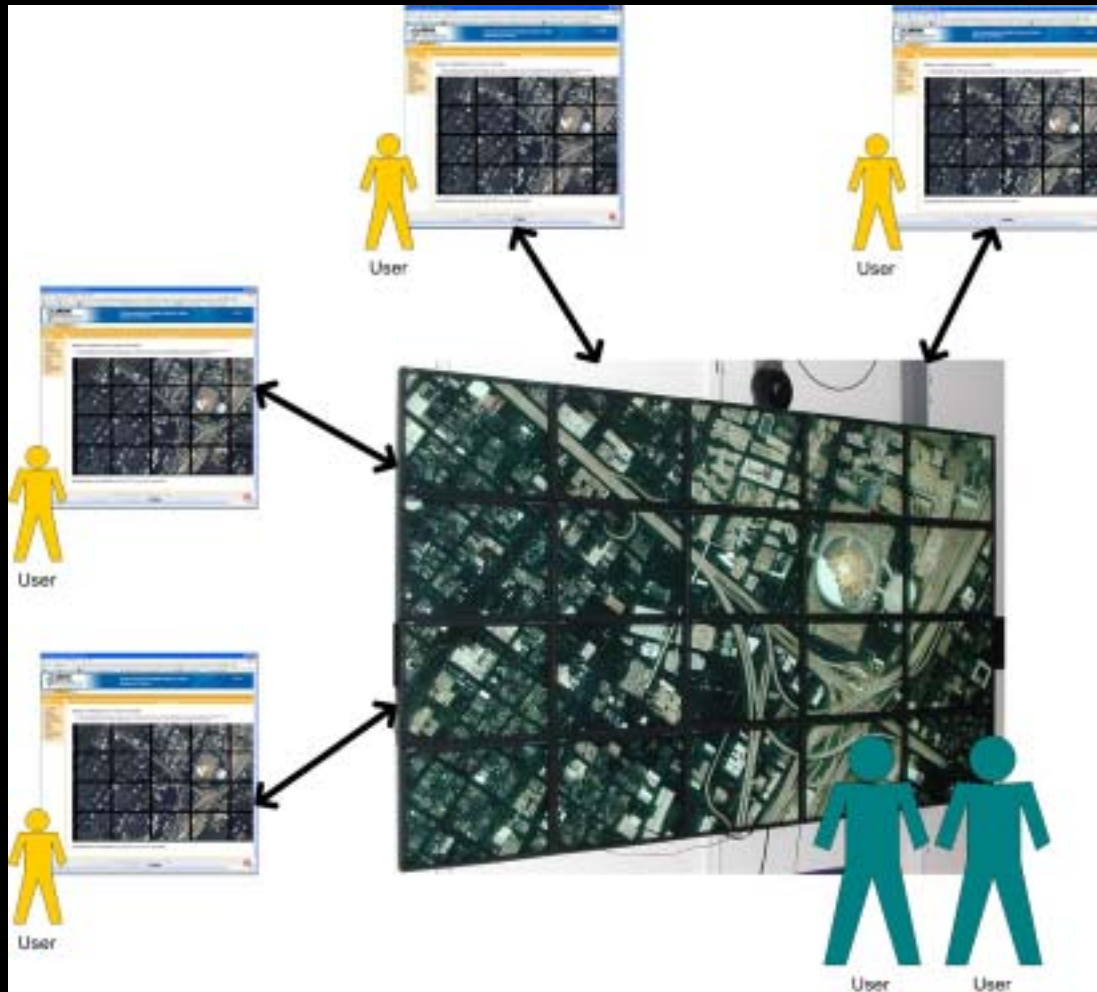
National Center for Microscopy and Research

Research problems we aim to solve



- Desktop like environment
For Tiled Displays
- Seamless integration of
2D, 3D, n-D data with HD-
video conferencing
- Live feeds from
instruments and data
repositories.
- Sessions
- Web interfaces and UI
for Joe Scientist

Scientific Portals for Collaborative Research Environments

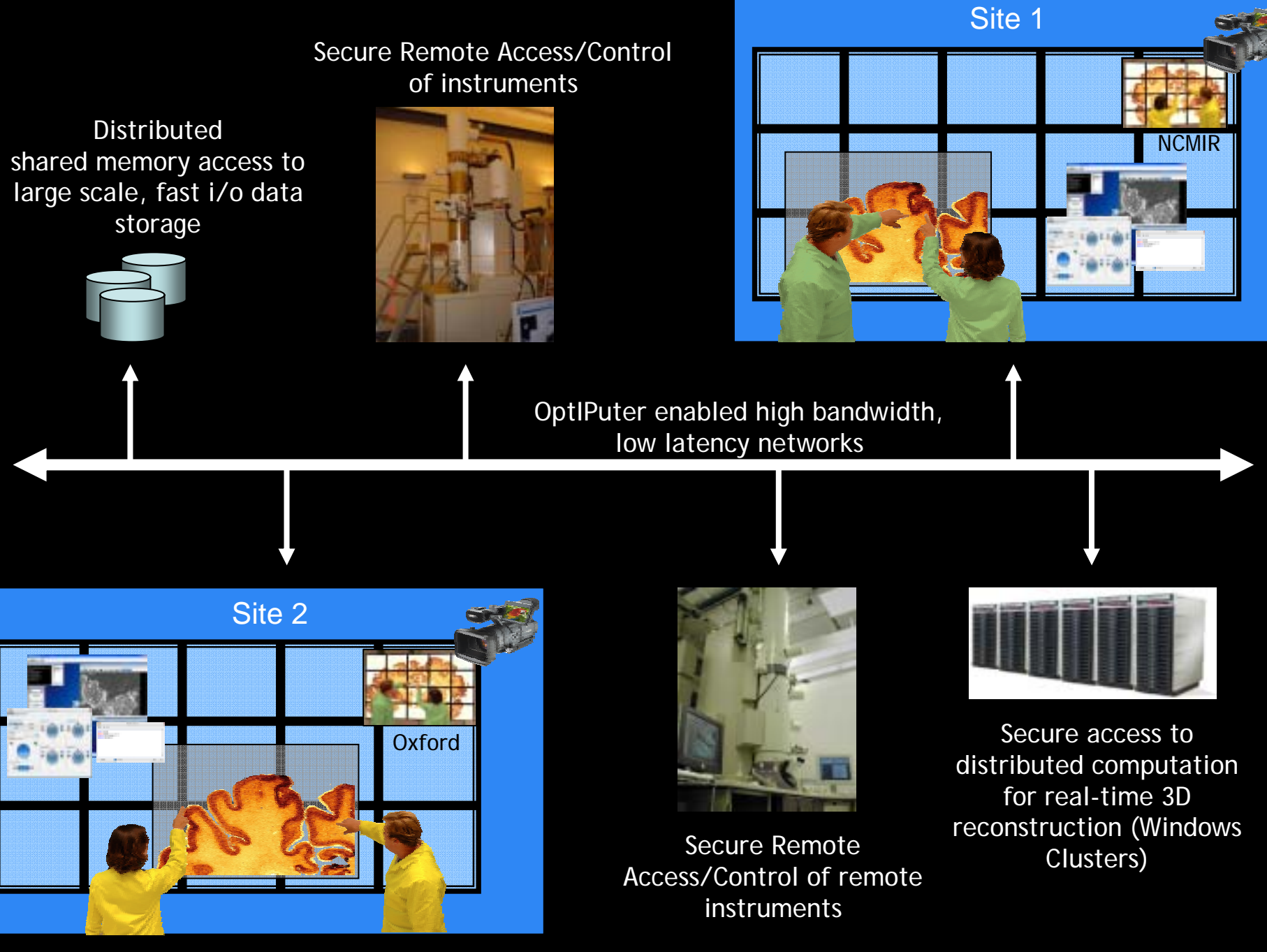


**Shared
Visualization**

SC 06 Demo

OptlPortals @ SC06

Collaborative Multiscale Multisite Interaction



Plan for SC '07

- Windows based viz walls in Oxford and Reno
 - 4x2 – 27 Megapixel wall
- Windows version of SAGE 2.0
 - Possibly visualcasting
- HD video conferencing
 - With Conference XP
 - With VLC
- Magic Carpet for large 2D image viewing
- New 3D large volume rendering software by EVL