



## RIT Collaboration Grid

The RIT Collaboration Grid is a live, interactive, multi-way video and audio system that will connect all eight colleges on campus as well RIT's presence in Europe, the Middle East, and the Caribbean. This persistent framework will demonstrate and foster the global community of RIT. The Grid will leverage the research activities of the Research Computing Group and the Interactive Collaboration Technologies Laboratory for ad hoc interactions, teaching & learning activities, and research.

The on-campus nodes, CyberPortals, will be based on Access Grid and UltraGrid technologies. They will use uncompressed high definition video and high quality audio. The network infrastructure to support this will be 10 Gigabit ethernet switches, network cards, and fiber. UNIX workstations will be connected to commodity LCD panels, consumer HD video cameras, and professional grade audio equipment. The UI for public access will be a touchless, remote for the large LCD panels.

