What is SAGE2?

SAGE is defacto cyberinfrastructure middleware that supports over 160 ultra-resolution display systems globally to enable data-intensive collaboration. SAGE2 is a wholly new implementation of SAGE using state-of-the-art web and cloud technologies.

- Supports single PC walls as well as compute clusters.
- Accessible via web browsers on laptops, tablets and smartphones.
- Enables multiple, simultaneous screen sharing (push displays, individual windows, documents).
- Enables multi-user interaction and control.
- Supports native Javascript applications, including those using GPU-enhanced graphics.
- Supports distance collaboration through media sharing as well as perfect wall mirroring.
- All codes are distributed as open source.
- Support for integrated data visualization from multiple and separate data sources (future goal).
- Support for Software Defined Networking (SDN) to optimize SAGE2 collaborations and to transport large data/media files among sites (future goal).