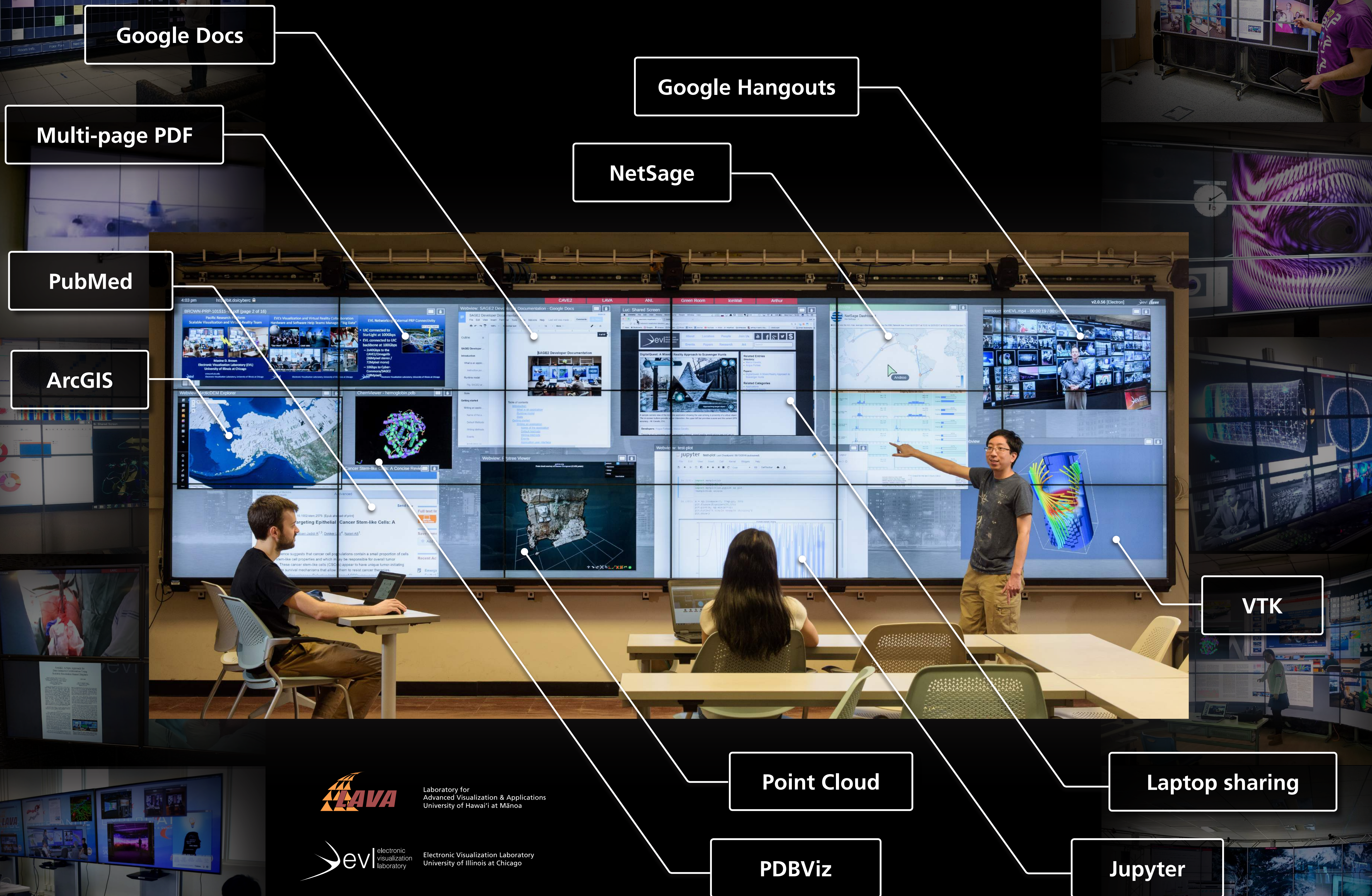


SAGE2

Scalable Amplified Group Environment

www.sagecommons.org



SAGE2 is a user-centered platform for small groups or large distributed teams to access large-scale datasets from various sources and juxtapose, share and investigate content on tiled display walls. SAGE2 builds on SAGE (Scalable Adaptive Graphics Environment), developed with NSF prior funding. With 69 sites worldwide since 2015, SAGE2 is having a transformative effect on data exploration, visualization and collaboration, making cyberinfrastructure more accessible to end users both in the laboratory and in the classroom.

- ▶ Supports walls driven by a single PC or computer cluster
- ▶ Accessible via web browsers on laptops, tablets and smartphones
- ▶ Enables multiple, simultaneous screen sharing—e.g., push displays, individual windows, and digital media (PDF, JPG, MP4, etc.)
- ▶ Enables multi-user interaction and control
- ▶ Supports distance collaboration through media sharing and perfect wall mirroring
- ▶ Accesses science web applications and portals, such as: Potree.org (for LIDAR point cloud data), Google Docs, Microsoft 365 Powerpoint, VTK.js, multi-page PDFs, ParaSAGE, PDBviz and EMPERor
- ▶ App store for sharing community-built applications (apps.sagecommons.org)
- ▶ Distributed as open source

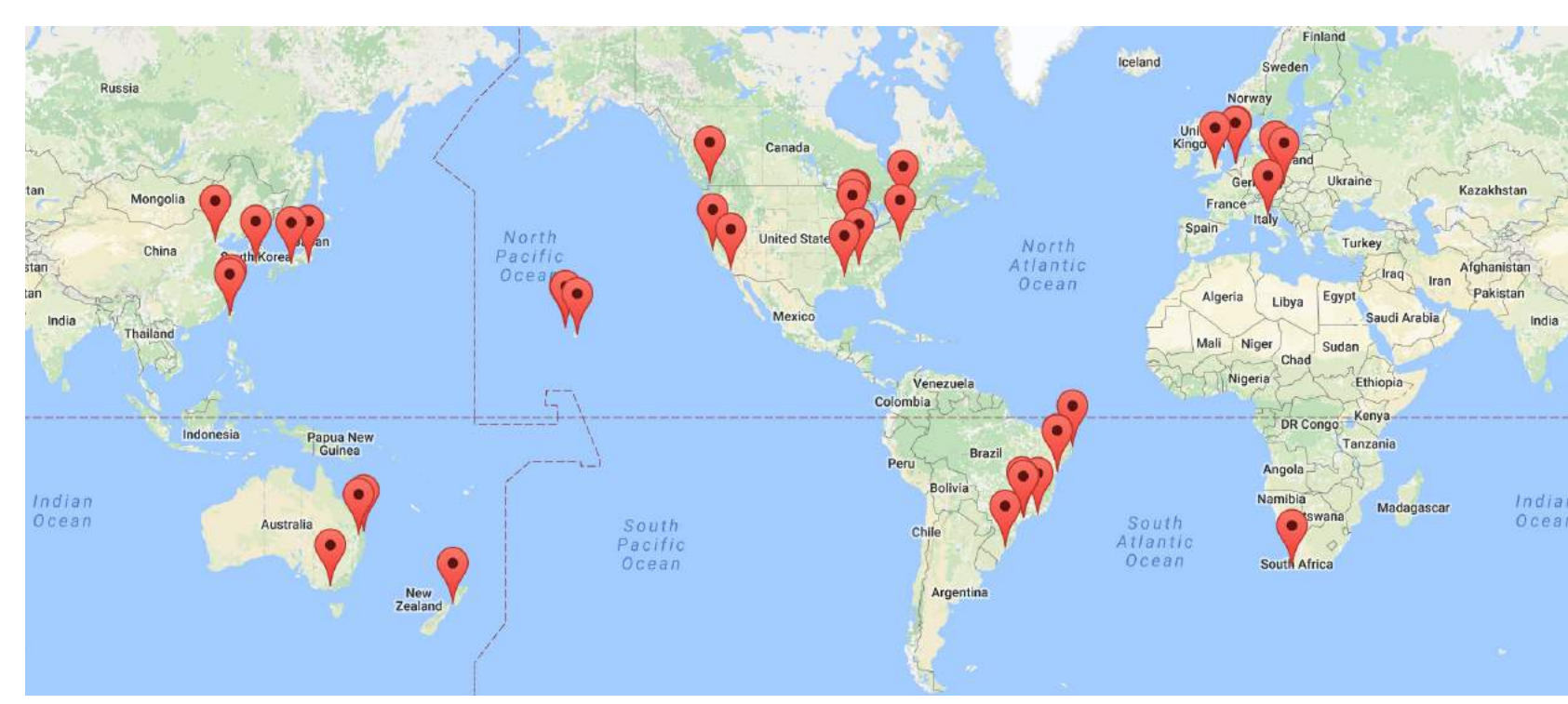


Photo credits: Left column (from top): RMIT, Australia; Argonne National Laboratory, USA; Air France—KLM, Netherlands; University of Cape Town, South Africa; Bahia School of Medicine and Public Health, Brazil; University of Hawai'i at Mānoa, USA. Right column: Mackenzie Presbyterian University, Brazil; Masaryk University, Czech Republic; National Center for High-performance Computing, Taiwan; Adler Planetarium, USA; Tianjin University of Technology, China; Osaka University, Japan. Center image: EVL Cyber-Commons, University of Illinois at Chicago, USA.