Information for Prospective Users

Introduction

Decision Theater North (DTN) is a cutting-edge immersive visual environment designed to facilitate dialogue and decision-making by agencies, industry, communities, and academia. It can display the dynamics of a problem, and the effects of options, in a clear and compelling manner – thus helping researchers and policymakers to develop the best approaches and solutions. We envision a variety of uses for the facility, including scenario-building, project planning and evaluation, incident command, education and outreach, and scientific visualizations and proposal development.

Specifications

- Seven 4k screens in a semicircle, merged into a 3,840 x 15,120 display of up to 58 million pixels
- Windows 7 desktop environment
- Direct connection to high-speed UAF campus network
- Capacity to load multi-screen optimized presentations, to show videos, and to display multiple data visualization applications simultaneously
- Configurable as either a small theater or a conference room
- Compatible with a wide variety of software and applications (see reverse)
Compatible Software

In addition to the software below, DTN is compatible with many Web-based visualization programs. We recommend that users just starting out with visualization consider Web tools.

**General Office Tools**
- Microsoft Office, Project, and Visio
  - Powerpoint multiscreen extension
- Google Chrome

**Development Tools**
- Matlab, Python, Ruby, ENVI IDL
- Git, Putty, Atom
- Virtual Desktop Interface Client

**Geospatial Visualization/Analysis Tools**
- ESRI ArcGIS
  - CityEngine
- ERDAS Imagine
- Google Earth Pro
- QTModeler
- QGIS

**Audio/Video Playback tools**
- VLC
- QuickTime 7 Pro
- Audacity

**Data Visualization-Focused Software**
- Tableau
- Processing

**Videoconferencing**
- Integrated with UA videoconferencing
- DTN webcam compatible with Web-based systems such as Google Hangouts

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