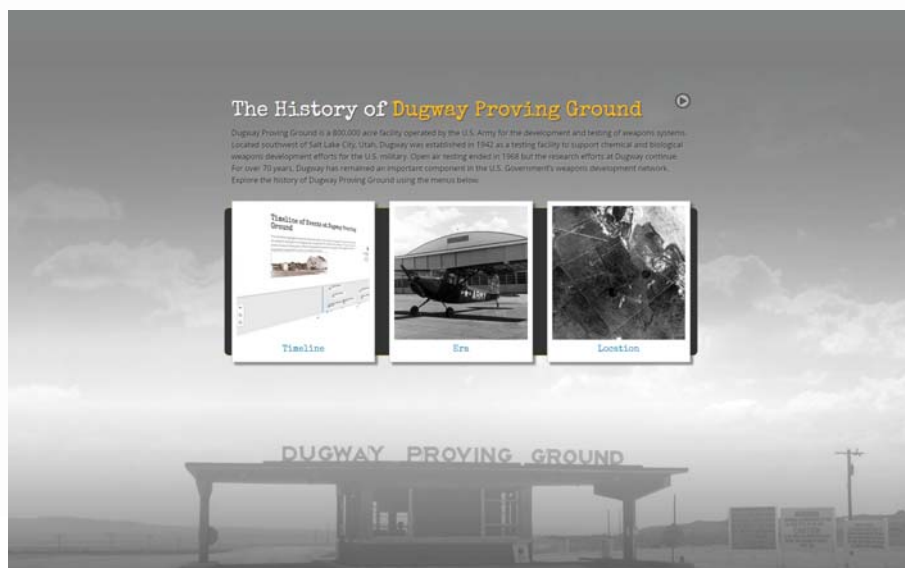


THE BOX DIGITAL DISPLAY PLATFORM

The Box Digital Display Platform is an electronic display system which allows for the passive and interactive presentation of digital information. The platform is based on open source software and utilizes a small self-contained computer which can be connected to a digital display through an HDMI connection. The platform introduces topics using short informational videos that segue to menus that offer additional materials on topics such as video, audio, photos, and documents. The system includes an autoplay feature which cycles through the information, or a user can explore content interactively. As currently configured, the system contains an interactive timeline and interactive map feature.

The project was undertaken by Argonne National Laboratory in support of Cultural Resources Management for the U.S. Army's Dugway Proving Ground, Tooele County, Utah. The platform was designed to facilitate the communication of information on cultural resources found at Dugway to a larger audience.



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Data Types Supported

- ◇ Digital Video with Captions (MP4, VTT)
- ◇ Audio Files (MP3)
- ◇ Digital Images (JPEG, GIF, PNG)
- ◇ Digital Maps
- ◇ Digital Drawings
- ◇ PDF Documents



Benefits

- ◇ Effectively communicates complex information quickly using video and automated segments, but also allows for self-guided interaction.
- ◇ Can be used as a stand-alone information kiosk, but because the content uses web-based technology, it can also be republished as a website.
- ◇ The long-term cost of the system is minimized due to the self-contained nature of the system which limits the need for software updates and increases security.

