

# Case Study

## Legacy of the Plains



Legacy of the Plains Museum is located in Gering, NE who's mission it is to collect, preserve, and interpret the history of settlement and agriculture in the North Platte Valley and High Plains.

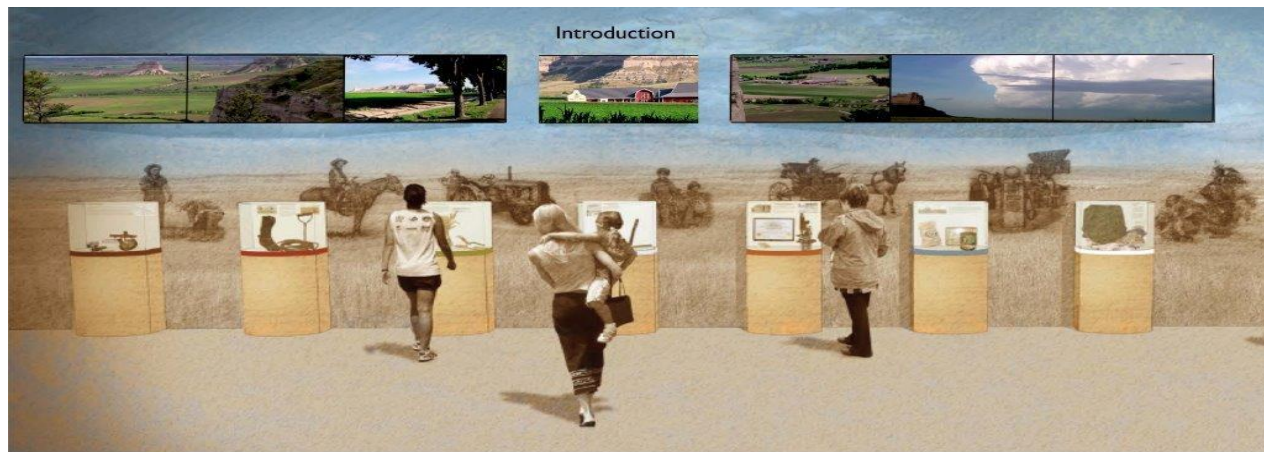
**Candela Display Systems, Executive Productions - Seattle (EPS), and Exhibit Design Associates (EDA) designs and installs video wall exhibit into the Legacy of the Plains Museum in Gering, NE.**

In 2014, Exhibit Design Associates, in conjunction with the National Park Service in Scott's Bluff, NE envisioned a project to add a 7 x 1 video wall system, along with more static exhibits, to a new addition at the Legacy of the Plains Museum. Entitled "Voices on the Prairie Wind", the idea was to have an exhibit that incorporated synchronized audio, video, and lighting to relay stories of the settler's and native people's of the area in an effort to teach traveler's near and far about the history along the Old Oregon Trail.

Understanding the need for a high quality and eye-catching installation, EDA brought in long time affiliates Candela Display Systems and EPS who share a combined expertise of more than 40 years providing functional and aesthetic solutions for digital design applications.

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Armed with a conceptual drawing and job scope provided by EDA, Candela Display Systems and EPS combined to make EDA's initial concept a custom designed reality.



“Voices on the Prairie Wind” was conceived as the initial phase of a complex series of additions to the Legacy of the Plains Museum and the first to involve a digital “display”. Working with space constrictions as well as an unusual video wall array, Candela Display Systems and EPS understood the challenges associated with providing a video image, as well as separate still images across seven screens, all the while synchronizing this content with a narrative, music, and controlled lighting system.

Candela Display Systems and EPS designed and implemented the AV presentation that ran on a timing sequence of 15 minute intervals. The video loop consisted of (7) video /audio stories followed by (1) scenic filler, complete with a synchronized lighting system that highlighted one of the static displays below the video wall and subsequently corresponded with the story being told above. System reliability was also a concern. The system was programmed to turn on in the morning and shut off in the evening. This not only alleviated unnecessary burn time on the equipment, but also relieved the museum's staff from manually turning the system on and off. **The system was also designed to be controlled remotely via an online connection which allows for content updates as well as trouble shooting should an issue arise. This alone saves the client costly on site programming and repair.** To date “Voices of the Prairie Wind” has been a huge success drawing visitors from around the country and the world.

With high quality digital video playback a must and an easy mounting solution in mind, Candela Display Systems chose to use (7) 55” Samsung UE55D monitors using Magic Info Video Wall 2 Software for scheduling purposes mounted to (7) Peerless SmartMount Full-Service Video Wall Landscape Mounts. The video and audio content was created and provided by Executive Productions - Seattle.



CANDELA  
DISPLAY SYSTEMS

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**Candela Display Systems** – Designed feature wall system, provided hardware, programmed content, and continue to maintain functionality.

**Executive Productions – Seattle** – Produced content, system programming.

**Exhibit Design Associates** – Planning, design, fabrication, installation.

**Spaces to Experience** – Exhibit installation.

“Candela Display Systems designed and delivered their product on schedule, on budget, and in perfect condition. The system has performed exceptionally, and Candela’s technicians have responded immediately to troubleshoot and fix the very few minor problems that have occurred. They are valued colleagues and we will continue to partner with them.” - William “Biff” Baird (Exhibit Design Associates)

