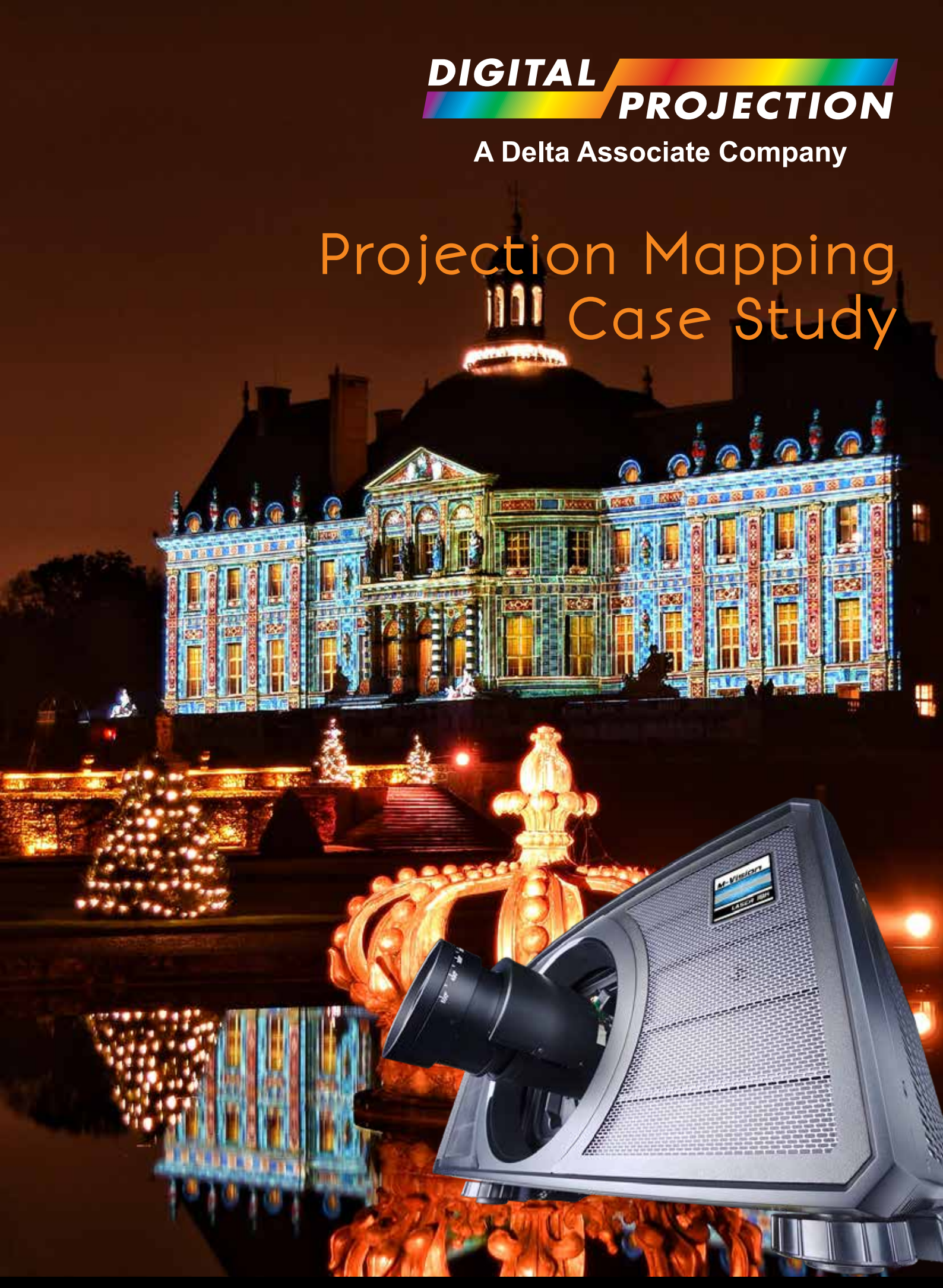
DIGITAL PROJECTION

A Delta Associate Company

Projection Mapping Case Study



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Digital Projection Lights Up Historic French Château for Christmas

Nestled 50km south east of Paris in Maincy, the Château de Vaux-le-Vicomte is famous for its beautiful gardens dating back to the 17th century and its place as the largest private estate listed as a historical monument. For the last 15 years, the estate has hosted an incredible Christmas show, named "Vaux-le-Vicomte's illuminations", which sends guests on a festive exploration around the 100-acre grounds. In the previous two years, the estate has featured video mapping in its celebrations, and ends the event in an incredible projection on the front of the Château.

This year, the team behind the expansive illuminations, French integrator and rental stager BS Technology, chose to rely on Digital Projection's M-Vision Laser 21000 WU for the projection mapping of Vaux-le-Vicomte's façade.

"Digital Projection's recent ground-breaking technologies, like the remote laser light source, are probably what put them on the map for us originally," explained Eric L'Herminier, technical director and CEO of BS Technology. "We saw this as a good opportunity to work with them on this video-mapping project." The projection on the Baroque castle needed to run the entirety of the Christmas season, from the beginning of October until 3rd January 2021. The mapping was required to run every 30 minutes from 6pm – 8pm, meaning that the team needed to create an automated system that could run flawlessly without further direction.

The team settled on four M-Vision Laser 21000 WU projectors stacked in pairs, two on the side, covering the domed centre of the building, and the other two in covering the sections either side. The lenses for these projectors differed in throw ratio with two of them respectively fitted with Digital Projection 2.0 - 4.0 lenses and the two others fitted with 1.5 - 2.0 lenses.

Boasting 21,000 lumens and a 10,000:1 contrast ratio, this lamp-free, laser-phosphor projector utilises Colorboost+Red Laser technology to bring the most realistic and saturated colours at previously unimaginable luminance levels. Such power and accuracy, combined with all-new intelligent colour processing brings the overall performance ever closer to that of a 3-Chip DLP projector, at a 1-Chip price point.

Single Chip Laser Projectors

Key Features of the Single Chip DLP Projectors

- WUXGA & 4K UHD Resolution
- Laser illumination
- Up to 23,000 Lumens
- 20,000 hours illumination
- IP 60 Sealed Optics

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