

# Al Wasl Dome EXPO 2020



**EVENT:** Al Wasl Installation  
**LOCATION:** Dubai, UAE

**DATE:** January 2020  
**VIDEO:** <https://vimeo.com/411003960>

Al Wasl is the heart of the EXPO site that will bring together 192 countries. CT was contracted to deliver 360 degree projection to cover a 186 million-pixel canvas and audio solutions for the main Expo 2020 pavilion.

Whilst most of Expo 2020 is in use for the six month 'event period', Al Wasl Plaza has been designed and built to remain as a legacy to the show. The technology therefore has to be future-proof from the offset. With an initial project life of at least 3 functional years it also has to be resilient. With the internal temperature of the trellis expecting to reach over 75 degrees C careful consideration of correct material specifications proved to be just as important in ensuring the longevity of the installation. The technology needs to meld with the aesthetics to ensure it can go unnoticed when not in use. Much time and effort were spent colour-matching key items to assist with this process.

#### AV Solution:

- 42 x bespoke projector enclosures
- 252 x 40K Christie RGB laser projectors
- 84 x Video channels running 2048 x 1080 pixels
- 16 x Disguise GX2 Media Servers
- 160 x 160 Crosspoint Fibre Matrix
- 27 arrays of 16 x L-Acoustic Kiva II speakers & 6 bespoke enclosures each containing 4x K2 sub-woofer arrays.
- Digico SD12

