17x1 VideoWall

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Enquiry

From the start of the GeoFort in Herwijnen (NL) there has been a strong collaboration with their audio visual partner MVIE from Gorinchem (NL). The GeoFort was voted the best children's museum in the world in 2016. Fun is central but serious topics are nevertheless addressed. Everything in the GeoFort revolves around the earth. The children but also their parents are introduced to things like Big Data, geo-design, climate, new energy sources etc.

The fort has a completely new entrance building. This building had to match the historical appearance of the fort, but also the state-of-the-art exhibition. A wish was to make a panorama view of 10x1 meters above the reception desk with a video presentation of Big Data. Naturally, our professional AV reseller MVIE was able to realize this for the GeoFort and he sought cooperation with SmartMetals for this.

Solution

MVIE chose 17 monitors for their customer with a bezel of only 1.7mm, which were mounted in portrait position. The SmartMetals VideoWall solution was used for wall mounting these monitors. In order to be able to easily level over the entire length, one long aluminium rail was first levelled on the wall. These rails consist of several parts that are easily connected and can be further adjusted using the corresponding wall-mounting brackets. Unevenness of the wall can also be compensated with these brackets. Then the monitors, were each separately fitted with a pair of mounting arms with which they were hung on the aluminium rails. These mounting arms are also equipped with adjustment options, resulting in a perfectly aligned row of monitors.

Concept

The VideoWall solutions from SmartMetals are modular and very easy and accurate to assemble. For wall mounting, the concept consists of an aluminium profile on which the monitors are mounted with mounting arms. The profiles are available in standard lengths that are easy to connect. SmartMetals also makes profiles exactly to the required length of your project. Mounting monitors is done using one of our three different mounting arms, from "basic" up to and including "push-to-open" brackets for a quick service or change of the monitors. Ideal for VideoWalls used in control rooms for business-critical processes.

For the "single row" mounting in this project, the 172.0300 mounting arms with portrait adapters were chosen. This "basic" mounting facility already has sufficient adjustment options for the requested setup. The photos speak for themselves.

If you are looking for a comparable solution or mounting solution for a different VideoWall of monitors or LED modules, please call us on +31 88 70 60 100 or mail to info@smartmetals.nl.