



# A 25G HYBRID MATRIX OF LIGHTWARE TAKES TO THE SEA ON A 76 METER YACHT

## Case Study

Lightware Visual Engineering

# A 25G Hybrid Matrix of Lightware Takes to the Sea on a 76 Meter Yacht

Market	Country
Home and Residential	USA/Germany
Lightware Equipment Used in Project	
25G Hybrid 120x120 modular matrix	

A Lightware 25G 120 × 120 matrix has been installed at the most unique installation space to date with its integration on a private 250-foot (76m) yacht, built in Germany.

The project lasted three years with design and planning, which is a typical timeframe for a yacht of this scale. The Lightware 25G Matrix proved to be the best choice for this high seas ship for a number of reasons.

Lightware 25G Hybrid offers an infrastructure with upgrade options to accommodate UHD resolutions in the future. The 25G system offers several levels of media layers with video, audio and control signals to travel through a single fiber optic cable. This greatly reduces the overall amount of wiring needed to connect each cabin on the yacht.

In addition, the reliability of the 25G assures a peace of mind to the crew: it includes hot-swappable redundant power supplies, CPU boards, switchable I/O, and fan board slots.

## Lightware 25G Hybrid

The 25G Hybrid Lightware array has HDMI inputs for local satellite TV decoders and fiber outputs to extend to MODEX receivers in yacht cabins.

MODEX modular transmitters / extenders extend digital and analog video and audio, USB KVM, Ethernet and control signals on a single fiber or CAT5 / 6/7 cable.

Lightware has developed a special mounting system to allow the frame of the 25G to be integrated and extracted easily from the installation rack and thus make the most of the space in the technical room.

The integrator was amazed by the level of after-sales service and support from Lightware USA. Greg Byrnes, Director at Lightware, visited the customer several times in Miami.

From the first visit he provided technical support and training in testing and system preparation for the Factory Acceptance Test (FAT).

The second visit included Andras Vasko, from Lightware Budapest, offering additional support for on-site installation and a live demonstration for the customer.

The integrator was so impressed with Lightware support that future implementation projects with Lightware gear are already under discussion.

Source:

<http://blog.eavs-groupe.com/actualite-de-nos-metiers/la-matrice-hybride-25g-de-lightware-prend-la-mer-sur-un-yacht-de-76-metres/>

