



A UK specialist AV and systems integrator has won Europe's 2021 Crestron Integration Award for its bespoke onboard Crestron control solution

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ClearSphere Wins Crestron's Prestigious Best Marine Project Award 2021

Hampshire, UK, 8February 2022 – ClearSphere, the creator and installer of bespoke integrated AV systems on superyachts, has won, from a pool of exceptional competition, The Crestron Europe Integration – Best Marine Project Award for its unrivalled control system onboard Oyster's 885-1 'SY Lush'.

The awards celebrate the finest innovations featuring Crestron technology in

Europe, the Middle East and Africa, recognising projects of excellence completed in 2021 in the commercial, marine and residential sectors. ClearSphere's win in the marine category was to acknowledge and applaud partners who have worked with Crestron's AV distribution and automation solutions, to create modern, elegant, connected lifestyles onboard.

ClearSphere's project showcased the team's unparalleled ability to install and integrate Crestron control over multiple systems, while meeting the challenges of limited space on a vessel smaller than traditional superyacht installations.

"The project on 'Lush', provided us with a prime opportunity to showcase full Crestron control across multiple systems onboard a 90ft vessel," said Angus Bruce Jones, ClearSphere's Marine Director.

"Receiving this accolade has emphasized our ability to include many features into every location onboard, culminating in the creation of a sublime and more satisfying experience for guests and crew. We are extremely honoured to receive it and we're excited about working on similar projects to add to our portfolio."

Established in 2007 by co-founding engineers Nick Fletcher and Alistair Ingram, multi-award winning ClearSphere provides design, development and installation services to marine and residential clients across the UK and Europe. The company includes a team of technology integration experts, including Angus Bruce Jones who joined in 2016, and partners with premium manufacturers such as Cisco, Bowers & Wilkins, Future Automation, Peplink, Kerio, & Lutron. It is recognised for creating intuitive, bespoke control programs with a Crestron backbone.

Details about the project included eight control touchscreens throughout the yacht, an exquisite digital lighting package, climate and shade control, integrated CCTV, video boarding entry, NMEA data feeds for guest information, chart-plotter streams, alarm and monitoring and audio video control - over the whole yacht. Putting the spotlight on such advanced automation and user experience, a project of this calibre is rarely seen in similar marine projects in terms of complexity and successful delivery.

To add to the challenge, the client had various requests including themed lighting with blended warm and cool light. ClearSphere worked alongside the

lighting designer and the yacht builder, to design a system where every light-fitting had two colours and was controlled by two separate drivers to allow the temperature of the lighting to be changed. With over 340 lighting circuits onboard, control has been facilitated by using the Crestron DIN-DALI-2 control modules which allows for ultimate granular control of lighting temperature, brightness, fade rate and individual on or off times. The ClearSphere touchscreen graphical user interface (GUI) controls all the circuits effortlessly, allowing for a truly aesthetic 'lighting theatre'.

Another key element to highlight the sophistication of the system, is the automated time-of-day lighting scenes to coincide with where the yacht is located on the globe. The Crestron program allows for the switching of different scenes based on the GPS location of the vessel, and by calculating the time of sunset in that location and allowing for timely and accurate themes at set times through the day.

A popular concierge service was provided via the touchscreens, for guests to choose their favourite drinks and for special requests, for crew to be alerted at the touch of a button. Other interesting data such as boat and wind speeds and water and air temperatures are all visible from the yachts NMEA 2000 network.

The yacht also features full climate and ventilation integration, enabling bathrooms to heat-up depending on time and activity in adjacent cabins, with full AV control over 10 zones of audio and seven zones of video, streamed over high-speed network. Further touch screen features include navigation information, whole boat monitoring and control, FLIR Thermal Camera Control and CCTV display.

The touchscreens have two different formats. One for guests, where intuitive control is paramount, and for crew, where the whole yacht can be set up and monitored easily from any touchscreen and all systems can be easily configured remotely.

Such an intricate integration has resulted in 'Lush' being used as a commercial showboat for Oyster Yachts Ltd., from Monaco to Fort Lauderdale and from Southampton to Antigua. It is an excellent example of how traditional craftsmanship of British boat builders can be enhanced by top-class systems integration.

For more information on ClearSphere's projects visit www.clearsphere.co.uk

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About ClearSphere

Established in 2007 with offices in London, Hertfordshire and Hampshire, ClearSphere is a specialist company operating within the residential and marine industries, comprising of a small hands-on team of experts with over fifty years of marine and yachting engineering and technology know-how combined. With in-depth experience in designing and installing integrated systems in luxury homes and yachts, the team's passion is for working directly with clients on innovative and interesting projects. Programming is conducted in-house to nimbly deliver a high level of expertise, accountably and competitively.