



LEISURE



COWES YACHT HAVEN



NARRATIVE

Cowes Yacht Haven represents the very heart of the sailing world and is the gateway to sailing in the South Coast, Solent and Isle of Wight. As the home of international boating since 1800 CYH welcomes yachtsmen from all over the world. CYH is a 24 x 7 x 365 business, with 260 fully Serviced Berths, 400 seater Events Centre, Media Centre, over 20 Retail Units and modern Boatyard. World famous regattas such as Lendy Cowes Week, Panerai British Classic Week, Round the Island Race, Coutts Quarter Ton Cup and Etchells World & European Champions are all held at Cowes Yacht Haven.

OUR RELATIONSHIP

Lifeline were successful in winning a competitive tender contract to design,

install and commission a new CCTV System for CYH. The installation consisted of 29 cameras including fixed, PTZ, Panoramic and Dome Style cameras, positioned to provide extensive coverage of the facility. The quality of images during hours of darkness was important, due to the need for CYH to view, monitor and investigate marine traffic accessing and berthing within the harbour together with residents' berths and foot traffic traversing the marina 24x7 and essential during events such as Lendy Cowes Week when the marina operates at full capacity.

HOW LIFELINE HELPED

Spread over a large complex site with a broad range of marine and land based operations, this implementation for CYH presented a number of obstacles and



challenges. In addition, time constraints for systems design and implementation were borne from fixed and immovable event and race schedules. As a marine location, the physical environment and instability of working platforms added to this. Made more complex by being a highly active marina with vessels moving into dry dock, around the marina for maintenance and oversized items being transported across the site - presenting significant Health & Safety and logistical challenges. Whilst some cameras provide landscape views of berths and docks others were to be located on sea walls and at height. Some locations rendering physical cabling almost impossible. One major challenge was the need for the system to be extended temporarily during hi-profile events to accommodate additional camera positions – also adding



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the need to work closely with manned security companies operating the system during Cowes Week and other prestigious events.

Failure to deliver this solution in time would result in CYH being unable to host pre-planned sailing competitions, regattas and events, with a significant detrimental effect on its reputation and commercial standing.

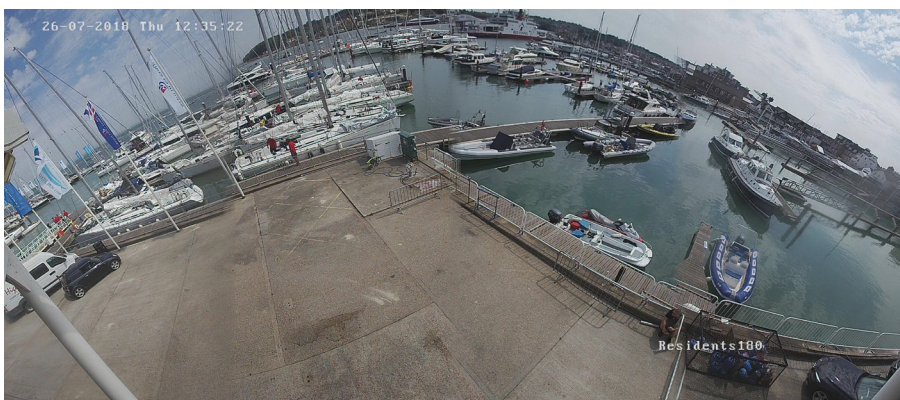
A busy yacht haven presents a challenging environment in which to work. Planning had to take into account aspects such as tides, sea state and weather conditions.

Additional skilled resources were allocated, including extended hours to allow work to be conducted outside the conventional busy operating hours of the marina. Frequent team briefings were held, increased supervision and Safe Systems of work employed, including, 'Buddy Working' and Buoyancy Aids for engineers working on jetties and pontoons. Pre-planning identified and provisioned additional cables and power to be installed at strategic locations; fulfilling the need for temporary

expansion during hi-profile events.

Several wireless transmission systems were deployed - delivering effective and reliable coverage across the site. Obstacles such as yachts in dry dock and cranes were fully considered with line of sight tests conducted- ensuring these did not interfere with signal transmission. Something complicated by the mobile nature of these obstacles.

Calculations established that five metre columns would be installed to sea walls - providing the required camera height and scope of view. To support this, panoramic cameras provided a wide field of vision. A secondary control room was installed to allow security staff to operate from multiple locations during events.



“ Cowes Yacht Haven commissioned Lifeline to install a new CCTV System to our Haven facilities. One of the most important elements to us was to have extensive coverage, future proofing to allow expansion for events such as Round the Island, Lendy Cowes Week, Fastnet and Power Boat racing events. We selected Lifeline following product demonstrations and first-class documentation and system designs. The installation implemented by Lifeline was expertly completed within time and budgets, with little or no disruption to our busy Haven routines. Images are of high quality and exceeded all of our expectations. ”

Andrew Bamford - Financial Controller and Director at Cowes Yacht Haven



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