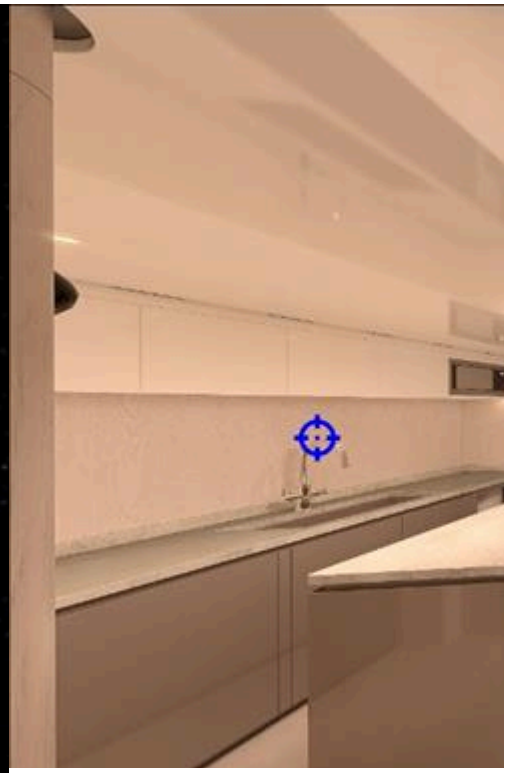
Videoworks launch next-gen security systems for new build and refit yachts

by Videoworks 20 Nov 08:26 UTC



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Videoworks is showcasing a new suite of security technology that counters the growing threat posed by hijacking, hacking and drones.

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can be built in from the start of a yacht project or retrofitted later.

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Geopolitical volatility is making physical and digital security more important than ever for superyacht owners. And for the first time, Videoworks is able to offer a full range of solutions all under one roof. Going well beyond the AV-IT mission for which the brand is already a global beacon, it has developed a dedicated panic room and integration of a host of advanced security sensors.

Panic Rooms

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For yachts over 1,500GT, there is both the available space and a pressing argument to create a dedicated panic room as part of a broad range of security solutions. Videoworks has developed its own complete package to be the one-stop source of information for Owners, Designers and Shipyards who likely want to create a safe area on board, which is the place to be to self-protect, communicate and wait with peace on mind in case of external threads.

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Advanced CCTV surveillance is relayed to the room using visible and hidden cameras, while redundant power systems and secure communication channels assure both autonomy and a reliable line to the outside world. Dedicated weapon storage, remoted control and strategic deterrents can

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Beyond personal protection, Videoworks says panic rooms can have powerful benefits for far-sighted owners. Their presence can lower insurance premiums, increase charter desirability, boost resale value and enhance an owner's reputation for proactive safety.

Advanced Security Sensors

Besides CCTV standard and infrared cameras, Videoworks' system can employ a number of advanced security sensors. One of these is LIDAR - a sensor that uses invisible laser beams to precisely measure the range and bearing of objects. It is the same technology used by self-driving cars to determine what obstacles lie around them, and it has a range of around 85m.

These signals are fed into Videoworks' security software, which uses a powerful AI algorithm to scan for threats. The system can distinguish in real-time between presence in authorized and unauthorised areas, also discarding movement from wildlife or passers-by. In this way, it can set up virtual fences around critical areas, such as deck perimeters or access points, and warn instantly of a breach.

Another first in the yachting sector is the use of floor sensors capable of detecting footsteps and recognising movement patterns. Being embedded under decks, these are not visible on the floor's surface. Their deployment in sensitive areas provides an additional level of protection. Also Drone Detection can be integrated to other security systems to detect, identify and track from the bridge as well as from any other security consoles.

Pulling it all together

The genius of this approach is that shipyards and owner's teams no longer need to go out and source different solutions from different suppliers. By integrating the yacht's IT infrastructure, audio-visual capabilities and security systems, Videoworks pulls all these functions into highly intuitive platforms.

Easier to install and easy to use, it is a one-stop shop. And because it runs on the yacht's IT backbone, it is also feasible to retrofit the technology as part of a refit programme. "At Videoworks, we see technology not as an add-on, but as an integral part of yacht design and onboard life," said CEO Maurizio Minossi. "Our mission is creating systems that are easy to use, keep guests comfortable and keep people on board connected and secure."

"We help clients determine which zones are best suited for which technology solution, working alongside the shipyard and exterior designer. The panic room is a new approach to security, so it's also important to collaborate with the interior designer to ensure the correct organisation of spaces. But for the other elements of the system, they can be retrofitted. What is important is to ensure that crew understand how to use the technology, which is why we strongly support dedicated training sessions."

Introducing Neurøise: The Next Era of AI-Driven Onboard Experiences

At Metstrade 2025, NoNoise and Videoworks continue advancing their partnership on a generative AI platform, set to launch in 2026. The originally

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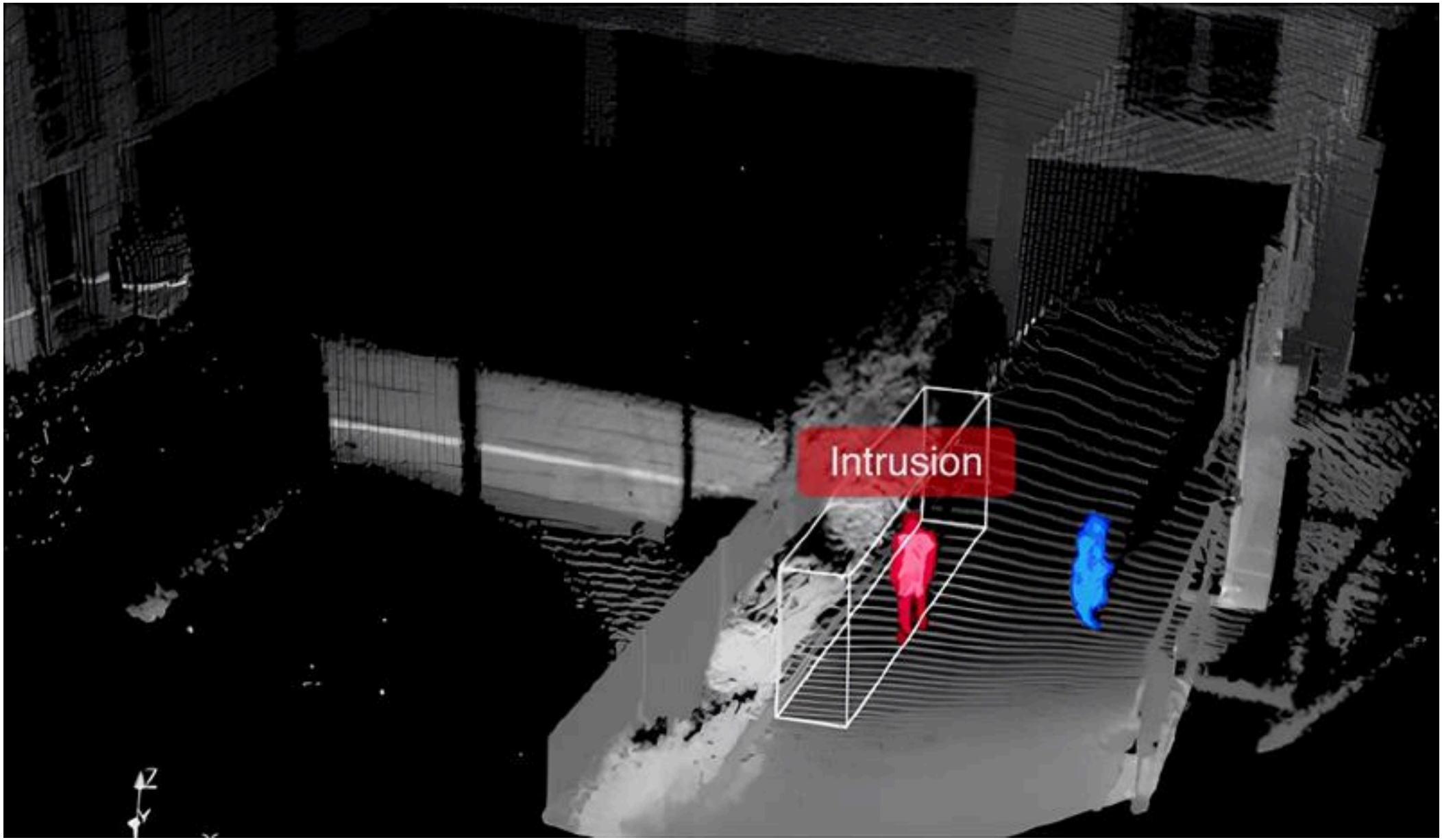

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artificial intelligence and adaptive storytelling to create personalized, emotional communication experiences. The contribution of Videoworks is on the display technologies and on all the front-end on the hands of users. The partnership emphasizes a structured, strategic approach, framing

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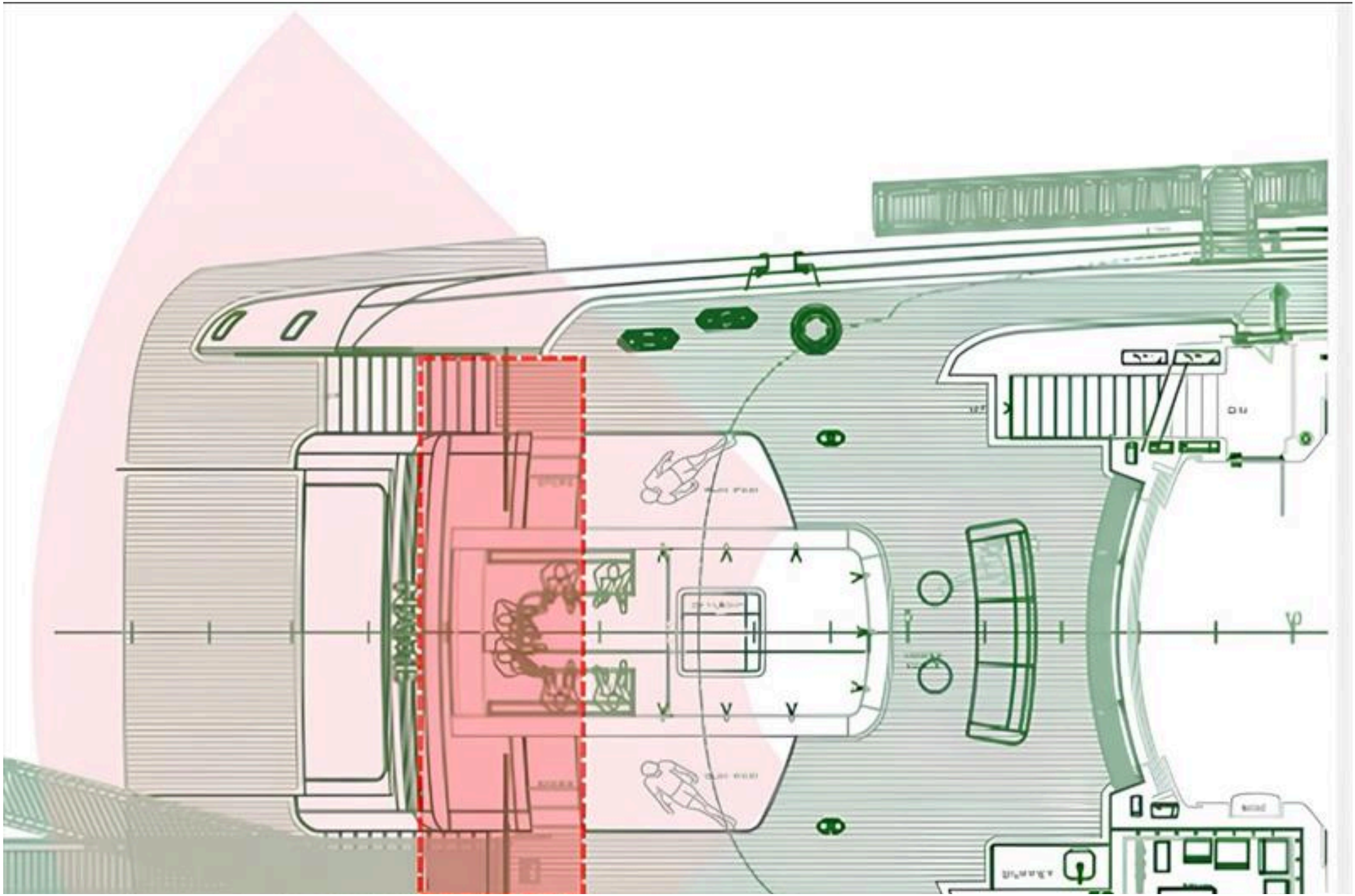

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stories with users. This collaboration strengthens both the solution's development for onboard settings and the companies' positioning in the market.

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