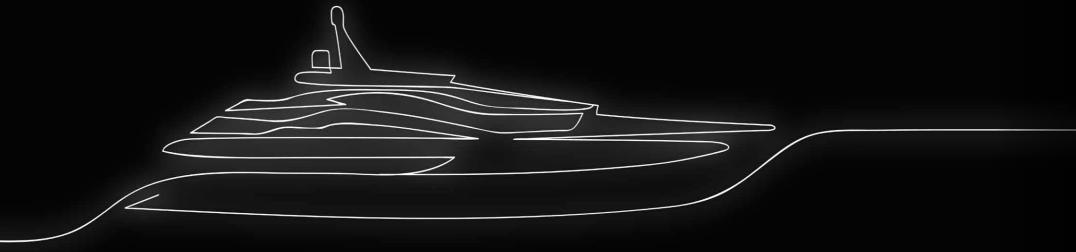
# AUDIO/VIDEO LIGHTING/COMFORT IT/CONNECTIVITY



VIDEОШОRKS

# INDEX

Luxury Integration	04
Your AVIT Journey	12
Solutions & Services	18
Certifications and Partners	44
Research and Development	46
References	48

# YACHTING, ARCHITECTURE AND BUSINESS

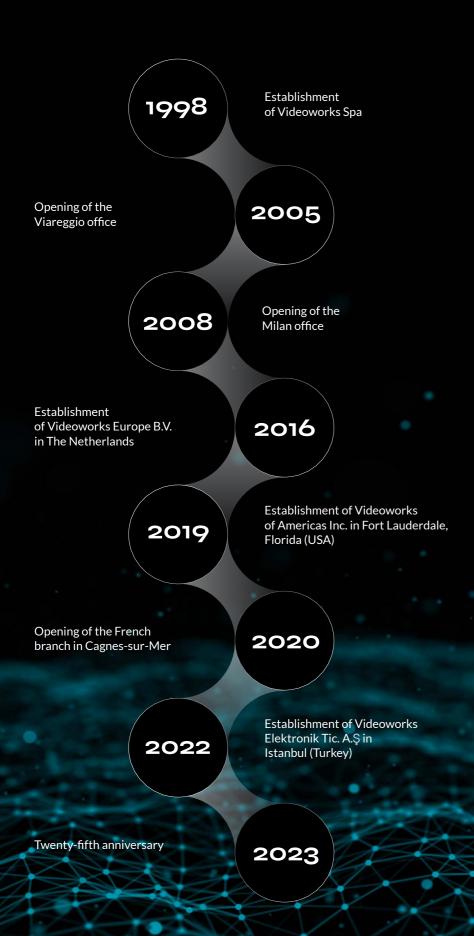
Established in 1998, Videoworks is a renowned international system integrator, boasting over 25 years of expertise in designing, realizing, and installing state-of-the-art technologies. Our specialization lies in audio/video, communication, connectivity, and home automation systems, tailored specifically for clients in the Yachting, Architecture, and Business sectors.







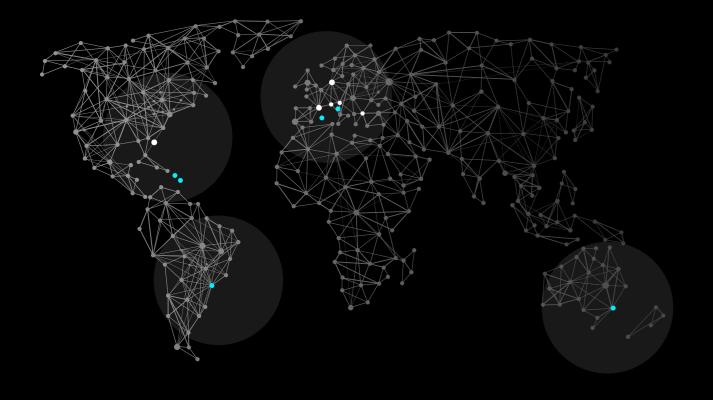
TIMELINE OUR STORY



Thanks to its innovative custom solutions, Videoworks, with its roots traced back to 1974 as a leader in the production of professional Hi-Fi systems and control rooms for numerous has become the leader in private radio and television stations, has been able to become leader in the high-end segment of audio/video, lighting & comfort control, IT & connectivity, dedicated to the most exclusive clients!

Videoworks staff, made up of more than 120 professionals, operates from its offices to better serve the global yachting market and its customer's needs such as exclusivity and design, technology dedicated to comfort, ease of use and reliability.

ANCONA (IT) CAGNES-SUR-MER (FR) FORT LAUDERDALE (US) ISTANBUL (TR) MILAN (IT) SCHIPHOL-RIJK (NL) **VIAREGGIO (IT)** 



Since 2015, Videoworks has embarked on a strategic international expansion, marked by the establishment of Videoworks Europe BV in Schiphol-Rijk, The Netherlands; Videoworks of Americas Inc. in Fort Lauderdale, Florida, USA; and Videoworks Elektronik Tic. A.Ş in Istanbul, Turkey.

These moves signify our commitment to meeting the diverse needs of the global yachting market with precision and expertise. Additionally, our presence extends to key locations such as Cagnes-sur-Mer, France, as well as in Milan and Viareggio, Italy.

Offices

Service points

**HELPDESK** t. +1 (636) 2424365 t. +39 0719034032 t. +33 44 8800135

telegram: +31 628381313

### 24/7 SUPPORT WORLDWIDE

With offices in Ancona, Schiphol-Rijk, The Netherlands; Cagnes-sur-Mer, France; Fort Lauderdale, United States; Viareggio, Italy; and Istanbul, Turkey; complemented by a global network of authorized service points, Videoworks ensures uninterrupted assistance.

Our dedicated support teams are available around the clock, providing prompt solutions through active **24/7** telephone support for your peace of mind.

### **ESTABLISHED ASSURANCE & RELIABILITY**



More than 25 years of experience



More than 900 projects realized



7 Offices



More than 120 employees



Service points worldwide



annual revenue



Global assistance service 24/7



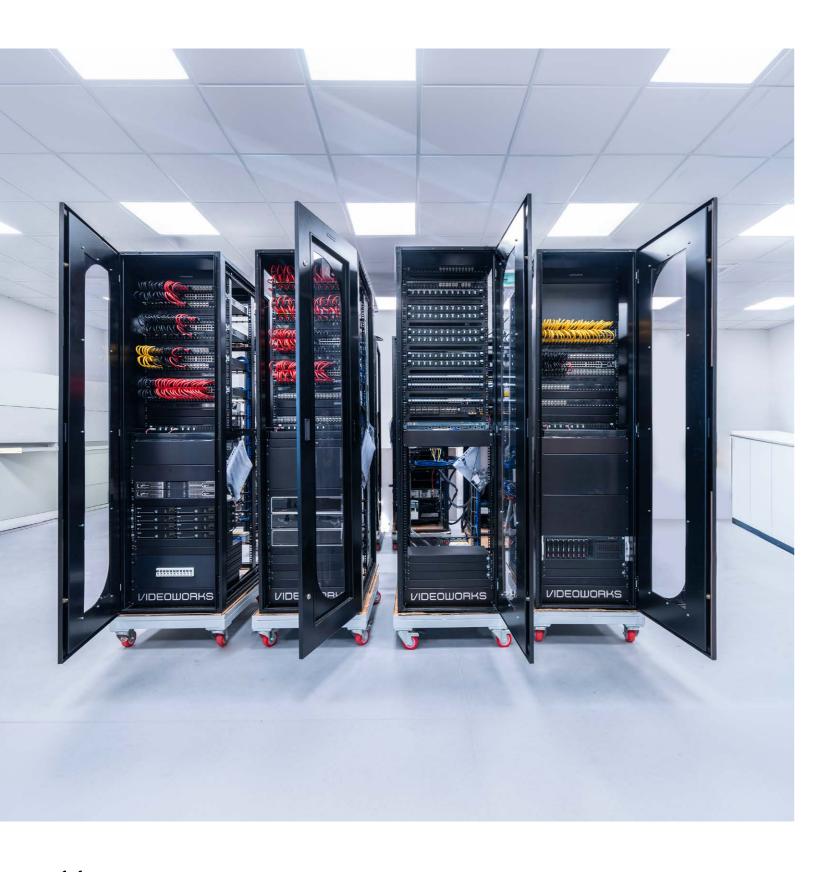
**PLANNING** Each project is assigned to a System Engineer who meticulously crafts detailed proposals, complete with specific calculations and a comprehensive system architecture.

The proposal includes a carefully curated list of products, selected to meet clients' needs from conception through production to commissioning with a precise planning process in every aspect of the AVIT system. Our Technical Department is specialized in 3D Revit design and the BIM process through which documents are managed to create intelligent 3D models that can be used throughout the entire lifecycle of a construction or infrastructure project.

### YOUR AVIT JOURNEY

REALIZATION Videoworks, in collaboration with our sister company Itworks, provides a comprehensive hardware and software system architecture entirely in-house. At every stage of the project, our team shares their expertise to ensure both reliability and innovation. Within our dedicated workshop, known as 'Officina,' each phase of development takes place, guaranteeing that every rack leaves our laboratory fully operational. This optimized approach minimizes installation time while upholding our rigorous Videoworks standards. We collaborate with many Italian and foreign development companies not only for home automation systems, but also for ERP integration, voice picking and mobile apps.





### **TESTING AND INSTALLATION**

During the critical phase of testing and installation, our certified technicians and programmers carefully examine every system component. This thorough process ensures that each pre-tested rack is flawlessly installed onsite, undergoing rigorous checks at both hardware and software levels.

Our installers and programmers work hand-inhand with all project members, providing continuous support until the final delivery. At Videoworks, our commitment to excellence extends beyond the installation—it's a promise we uphold at every step of our clients' AVIT journey.

### **SOLUTIONS & SERVICES**

# SOLUTIONS & SERVICES





Key Core Solution	20
My ID System	22
Next Generation Connectivity	24
Next Gen Room Automation	26
with Machine Learning	
Human Presence Detection	27
Technology for Sustainability	
Audio Design	28
ANC - Active Noise Control	29
Video Solutions	30
Health Remote Monitoring (HRM)	32
Custom Interface Tools	34
Search Engine	33
ETO Panel	36
MY Info 4.0	38
Pop-Up Speaker	40
Light Engineering	42

**YACHTING SOLUTIONS & SERVICES** 

### **KEY CORE** SOLUTION

At Videoworks, we understand the importance of maximizing space efficiency without compromising on performance. We've developed a streamlined and centralized architecture for integrated Audio-Visual and IT systems. Our Key Core Solution minimizes onboard space requirements while significantly enhancing efficiency across the board.

By consolidating essential components into a single, centralized technical hub, our solution eliminates the need for multiple secondary units. This centralized approach not only simplifies system management but also enables seamless control of onboard AV systems from a single point.

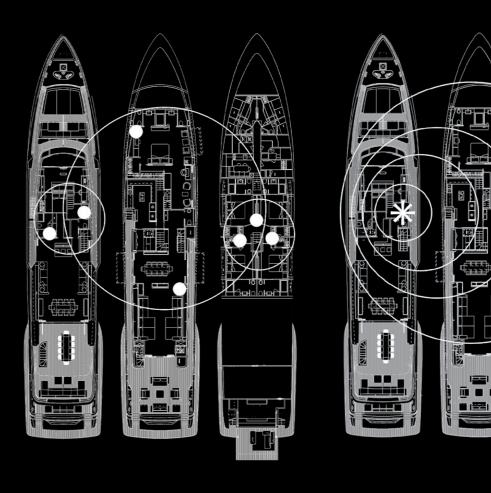
With Videoworks' Key Core Solution, you can optimize your yacht's space utilization while enjoying enhanced efficiency and control over your audio-visual experience.

energy use

- 40% - 20% space used less wiring

- 30% - 25% heat emission





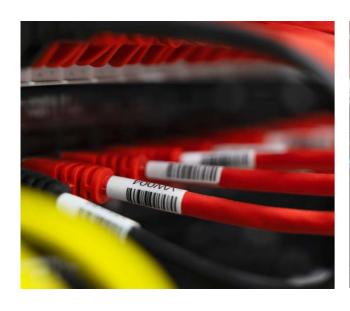
**DISTRIBUTED** A/V SYSTEM

**CENTRALIZED** A/V SYSTEM

### MY ID SYSTEM

every device. Accessible via smartphone, this in- offered by the My ID System

The My ID System revolutionizes onboard device tuitive application allows users to effortlessly acmanagement. Each cable is labeled with a linear cess information and project diagrams by simply barcode, while each device receives a unique QR scanning the QR code or barcode associated with code. All data is centralized in a single database, each element. Say goodbye to guesswork and housing comprehensive technical information for inefficiencies with the streamlined management





### SOLUTIONS & SERVICES



### **NEXT GENERATION** CONNECTIVITY

network connectivity is a top priority for customeets this demand by leveraging advanced internet connection systems utilizing LEO (Low Earth Orbit) satellites. These systems ensure that internections, thanks to cutting-edge 5G technology. With a dedicated BU Connectivity & Communication Solutions, Videoworks offers shipyards and shipowners a comprehensive range of next-generation solutions. Clients can choose from a variety of options tailored to their specific needs, ensuring seamless connectivity and communication streaming differentiation, we utilize Peplink onboard.

Videoworks has established partnerships with leading providers to offer a range of airtime and Base Transceiver Station (BTS) options. Our offerings include TIM (5G), OneWeb, Speedcast (V-sat GEO and OneWeb), Starlink (elcom.com), Viasat

In today's digital age, fast and reliable onboard Ka GEO, and Leuk for alternative, more flexible VSAT options. Additionally, we've strengthened mers. The demand for full access to streaming and our BTS (Base Transceiver Station) capabilities IPTV services has never been higher. Videoworks through partnerships with TIM and Speedcast. These partnerships enable us to deliver robust connectivity solutions tailored to our clients' needs.

Videoworks is committed to providing topnet connectivity at sea is on par with coastal connectivity at sea is on part with coastal connectivity. direct contacts, receive specialized training, and benefit from comprehensive support from leading manufacturers in the industry such as Intellian, Kymeta, and Sailor Cobham, ensuring that we stay at the forefront of VSAT technology.

For bonding, IP TV management, and media SpeedFusion or OpenMPTCProuter.

Whenever feasible, we prioritize direct connections without VPN, ensuring cloud servers natively land in the country of interest.

#### **BUSINESS PARTNERS**

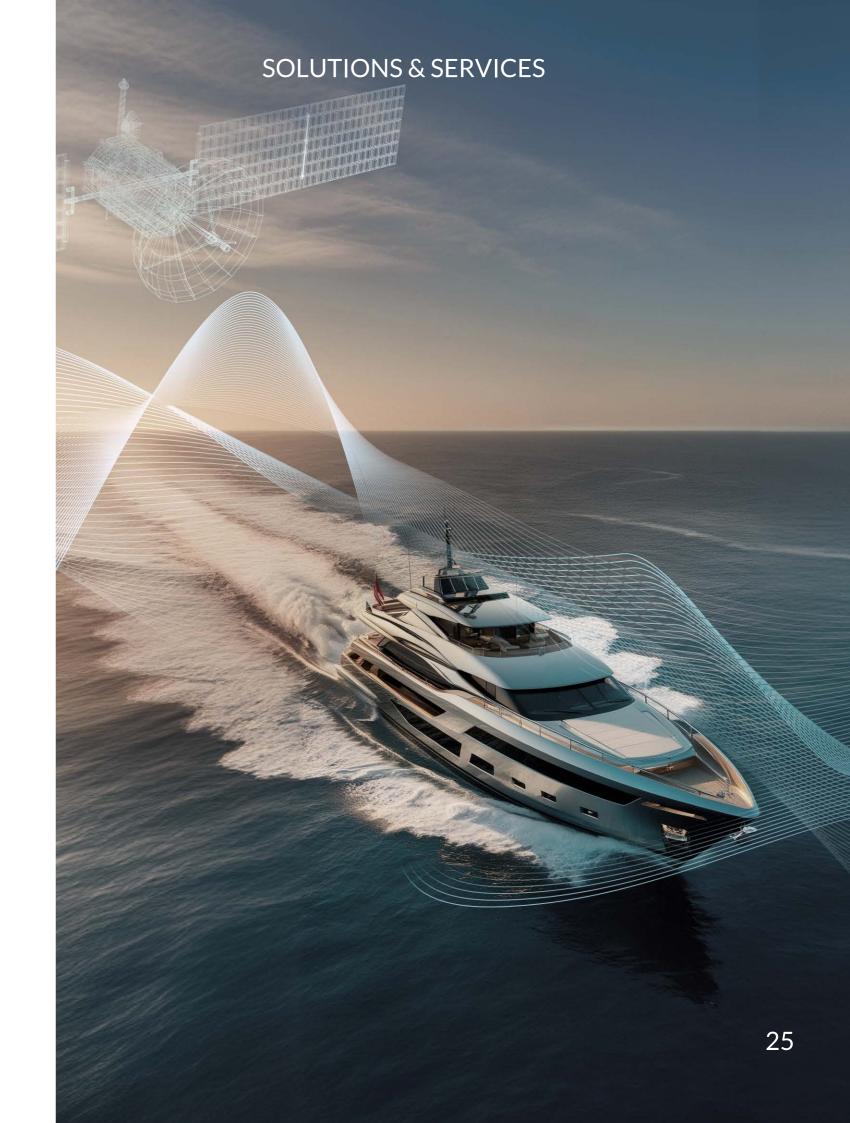
Intellian **∑LEUK** KYMETA **S** speedcast Viasat: SpeedFusion<sup>™</sup>











### **NEXT GEN ROOM AUTOMATION WITH** MACHINE LEARNING

Our latest technology incorporates presence ronment to meet users' needs while fully resensors and energy meters in designated areas, specting their privacy. From adjusting lighting to laying the foundation for a sophisticated smart optimizing energy usage, it enhances comfort and system. At the heart of this system is an Al-based saves energy, ensuring a superior onboard expecontroller that seamlessly orchestrates the envirience.



### **HUMAN PRESENCE DETECTION TECHNOLOGY** FOR SUSTAINABILITY

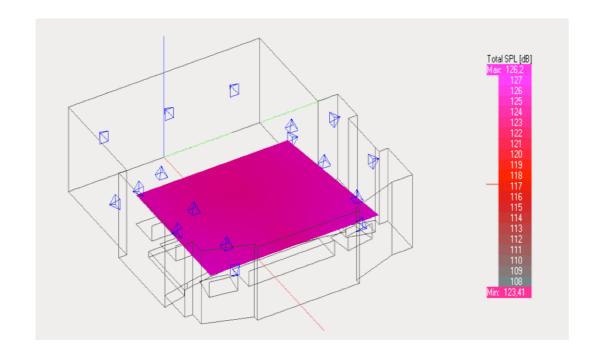
Videoworks develops custom-made interfaces for yacht owners and guests, creating an ecosystem that is perfectly adapted to all users, with easy-to-use technology and a wide range of functions to improve comfort and maximize the ecological potential of the yacht.

Our latest technologies combine presence-detection sensors covering specific areas and energy meters. These form the basis of an intelligent system, with an Al-based controller, that guarantees that the environment is always tuned to the users' needs, while respecting their privacy. A new technological development where the AI communicates with crew members and it is instrumental in improving quality of life and allows significant energy savings, recommending low-impact behaviors and educating them on conscious navigation.

### **AUDIO** DESIGN

(SPL) management. Our expertise extends to architectural considerations, strategic speaker pla-

Videoworks provides meticulous support at cement, and meticulous SPL distribution analysis. every stage of your audio design journey. From Through sophisticated data visualization and insiconceptualization to execution, our team ensures ghtful graphs, we tailor the audio experience to precision and excellence in sound pressure level perfection, delivering a harmonious blend of technical prowess and sonic brilliance.







### **ANC - ACTIVE NOISE CONTROL**

during nighttime navigation. Focused on the bed passengers.

L' ANC - Active Noise Control - is a new inter- pillows area, ANC creates a virtual 'no-noise' bubnationally patented system that designed to acti- ble with a radius of up to 2 meters, ensuring a pevely reduce noise within yacht cabins, particularly aceful and uninterrupted sleep experience for





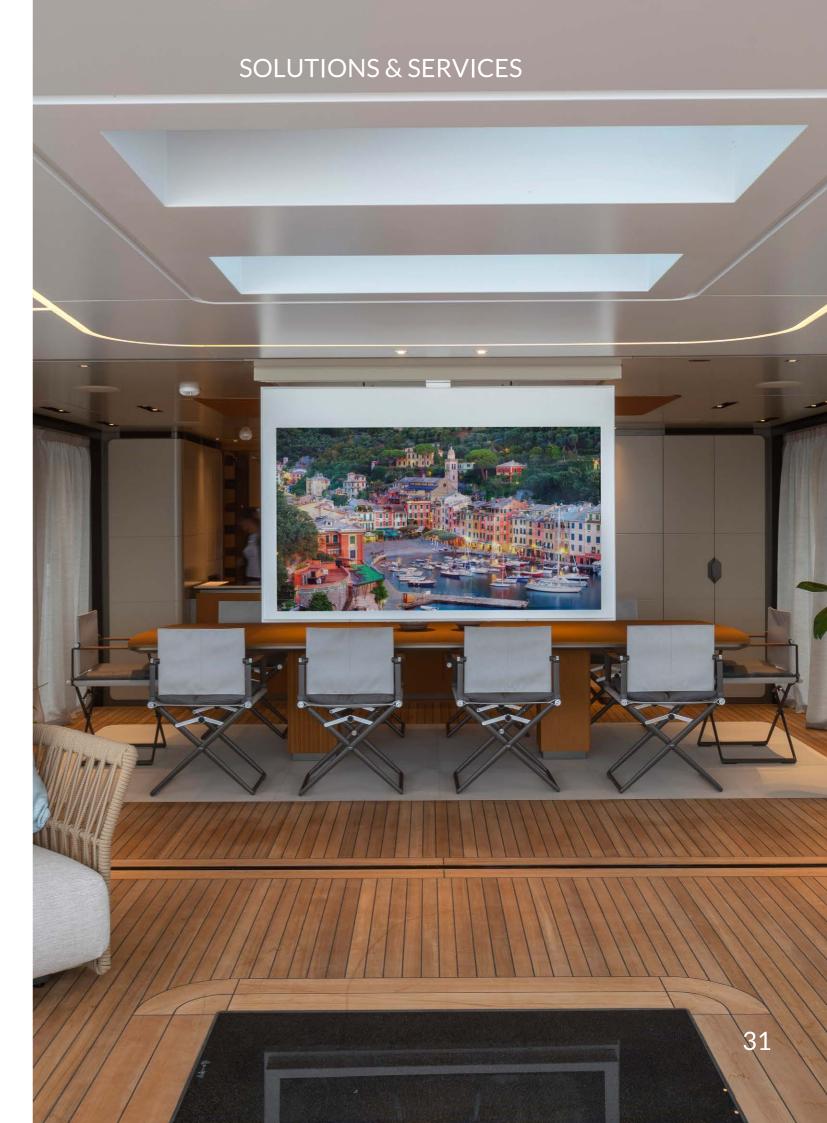
### **VIDEO** SOLUTIONS

Using bespoke audiovisual solutions, Videoworks aims to exceed traditional expectations by chalseamless sound and visual experience while mainlenging perception and emotion in challenging scenarios on modern luxury yachts, such as immersive taining aesthetic integrity through mechanical improvements. This is achieved without compromicinema experiences with video projection or LED sing on performance or aesthetics via significant display technology that allows guests to experientechnological advancements in LED technology. ce truly immersive visual experiences.

The integration of IT and AV systems promotes







### **HEALTH REMOTE** MONITORING (HRM)

Health Remote Monitoring (HRM) is a comservices ensuring proper maintenance, HRM transforms spaces like massage rooms or hairdressers into areas where trained crew members, guided by the Guest Personal Doctor, can efficiently monitor the health status of guests.

With Health Remote Monitoring (HRM), the prehensive solution that combines specific medi- personal doctor of yacht guests can utilize their cal protocols, electronic devices, integration personal device, such as a laptop, tablet, or 6"+ tesoftware, and secure encrypted communication lephone, to access real-time medical data of their technologies via the Internet. With after-sales patients. This allows them to make informed judgments regarding the patient's condition:

- No medical action needed (white label)
- Minor medical actions needed, with no impact on the trip (green label)
- Medical actions needed with local hospital/ doctors, impacting the trip (yellow label)
- Top urgency for the patient to be moved to a local hospital (red label)

HRM provides a streamlined and efficient system for managing onboard medical emergencies, ensuring optimal care and safety for all guests.





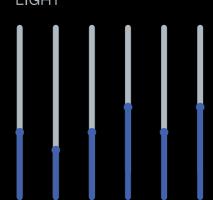


### CUSTOM **INTERFACE TOOLS**

zed interfaces for smartphones, tablets, and controlling AV systems and accessing technical Smart TVs using HTML5 technology (as Web-En- yacht information to managing comfort settings gine) or customized standard connectivity tech- and monitoring CCTV cameras, our interfaces nologies like Crestron GUI app. With these tools, enhance onboard convenience and security. yacht owners and guests gain access to a wide

Videoworks specializes in developing customi- range of functions right at their fingertips. From

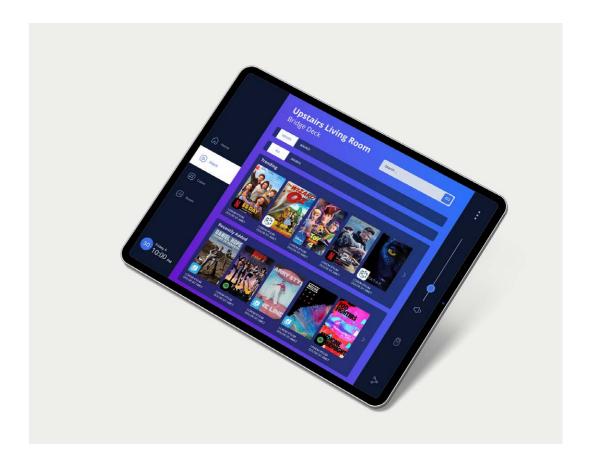






### SEARCH **ENGINE**

Our single integrated search engine, powered by advanced 5G and LEO technologies, allows users to gain effortless access to a wide array of bandwidth and cutting-edge streaming content. Say goodbye to the frustration of searching through multiple platforms – our solution simplifies content discovery, ensuring a seamless entertainment experience onboard.



### **SOLUTIONS & SERVICES**

### ETO PANEL

The ETO Panel provides a centralized platform for the Electrical Technical Officer (ETO) to efficiently manage critical parameters and oversee all probes within the AV system, ensuring uninterequipment operations onboard. From monitoring rupted performance. Critical situations are temperature and humidity to managing current consumption and zone statuses, the ETO Panel enables seamless control over all boat's systems · Email notifications and sensors.

Its tight integration with our GUI elevates user Telegram messages experience to new levels, such as:

- 1. Access central sources
- 2. Manage cameras
- 3. Control streaming service access
- 4. Assign different user authorization levels
- 5. Configure and distribute satellites
- 6. Customize colors, backgrounds, and functionalities

The ETO Panel suite, developed entirely in HTML, ensures accessibility from anywhere, even remotely, using any device.

#### **Probe Monitoring:**

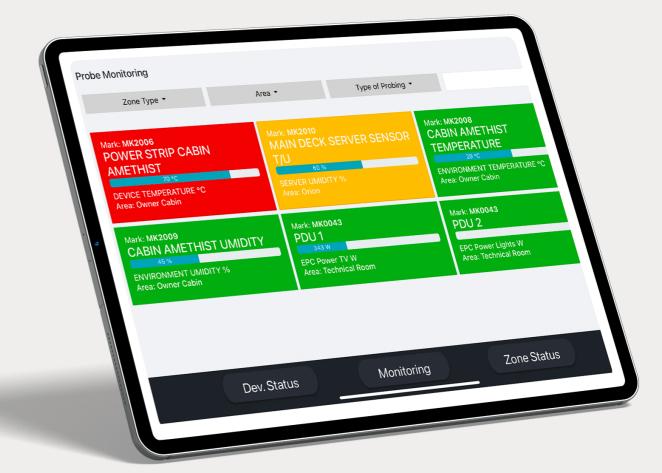
Our background service continuously monitors promptly flagged through various channels:

- **UHF** calls
- · Modbus alerts to the cockpit

These are just a few of the tools within our comprehensive monitoring suite.

#### PDU Panel:

The ETO panel allows remote control of power sockets within the AV system, enabling seamless switching, rebooting, or shutdown as needed.



### MYINFO 4.0

Today, smart TVs are central to the AV experience, both at home and on yachts where hospitality information is crucial. Videoworks has developed a custom solution seamlessly integrated with modern TV interfaces like Google TV.

This allows access to various features directly from your TV remote, including:

- · TVCC camera feeds
- Captain safety and cruise information, including upcoming port details
- · NMEA data
- Simple home automation controls
- IPTV streaming

### SOLUTIONS & SERVICES



### POP-UP SPEAKER

Crafted from anodized aluminum for unparalleled corrosion resistance and durability, our Pop-Up Speaker boasts a sleek design engineered for maximum safety during handling. Equipped with built-in end-strokes for precise control over fully closed and open positions, along with a noiseless internal IP69K actuator, this speaker ensures a seamless and watertight operation in any position.

With the possibility to install drainage on the bottom, our Pop-Up Speaker offers a flexible, invisible, and integrated audio solution. Its solid and robust design minimizes vibrations, providing an ideal support system for superior sound quality







- Anodized aluminum for maximum corrosion resistance and durability
- · Sleek design for maximum safety during handling
- Built-in end-strokes for fully closed and open positions
- Noiseless internal IP69K actuator
- Watertight system in completely closed and open positions
- Solid and robust system without vibrations, ideal support for the speaker
- Possibility to install a drainage on the bottom
- Unified Speakon® connector for audio cable and 24VDC power supply (single connector)
- · Customizable connector orientation around the case
- · Material, finishing and color customizable



### LIGHT **ENGINEERING**

In every project, the implementation of lights plays a pivotal role in creating atmospheres and scenarios. With Videoworks' Light Engineering Department, architects, designers, and technicians receive comprehensive support throughout the process. Our services include:

- Selection of lights and opticsChoosing light sources
- · 3D calculations and simulations
- Rendering
- · CAD positioning
- · Circuit details
- · Lighting wire schemes
- Technical dimensioning of wiring
   Technical assistance for bus (DALI, DMX, PWM)

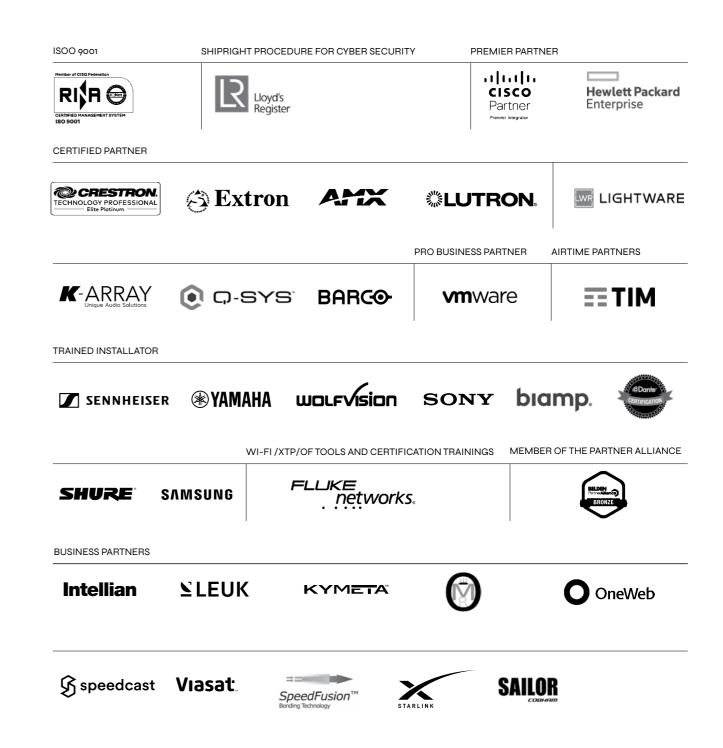




### **CERTIFICATIONS AND PARTNERS**

# CERTIFICATIONS AND PARTNERS

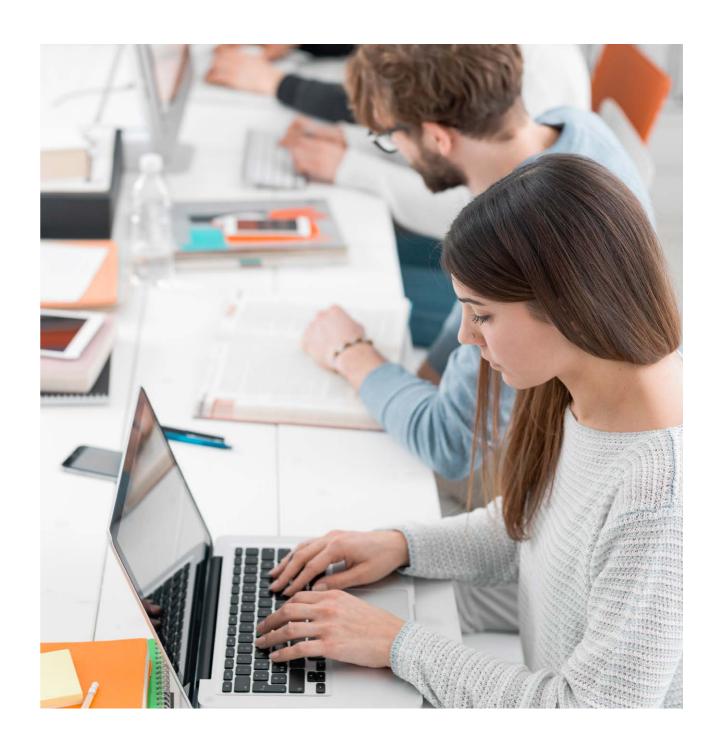
Videoworks obtained many certifications for example the "Cisco Premier Integrator" as partner certification. This certification mandates individual career and specialist qualifications, ensuring our staff remains highly skilled through continuous training. This commitment keeps us updated on evolving IT technologies, allowing us to deliver cutting-edge solutions to our clients.



# RESEARCH AND DEVELOPMENT

Videoworks continuously conducts research and development activities with several esteemed universities and offers internships and scholarships. The following are some of the our key activities: A.I. for the automation of environments (UNIPI – DII), LEO VSAT and SD-WAN (UNIVPM – DII), Monitoring remote healthcare (UNIVPM), AR/VR (UNIVPM), Internships and scholarships with UNIVPM.

Additionally, we maintain ongoing collaborations with Higher Technical Institutes and High Schools.



UNIVERSITY

TECHNICAL HIGH SCHOOLS AND LYCEUMS











### **REFERENCES**

# REFERENCES











































































### SUPERYACHT REFERENCES

T52
BAGLIETTO

BAGLIETTO 1854

**LOA:** 52 m **GT:** 497 t

Systems on-board: AV, IT







# SUPERYACHT REFERENCES





**LOA:** 49 m **GT:** 499 t

Systems on-board:
AV, IT, CCTV, LIGHT & COMFORT CONTROL







### SUPERYACHT REFERENCES

RIO



**LOA:** 62 m

**GT:** 850 t

CNR

Systems on-board: IT, AV, LIGHT & COMFORT CONTROL







# SUPERYACHT REFERENCES

### SPARTA

HEESEN

**LOA:** 67 m **GT:** 1,200 t

Systems on-board: AV, IT







# SUPERYACHT REFERENCES

IAM

ISA

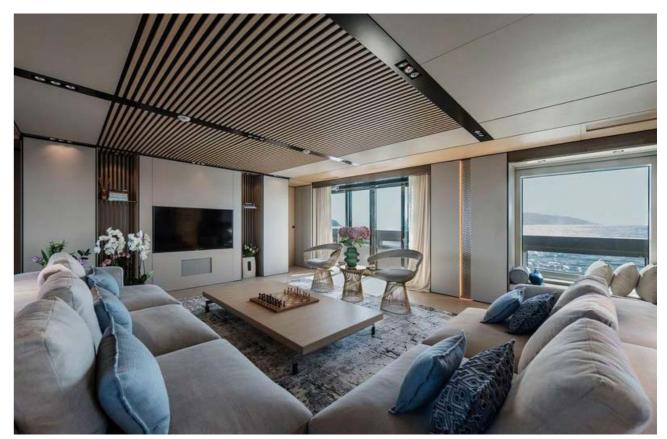


**LOA:** 43,7 m **GT:** 400 t

Systems on-board: AV, IT

AV, I









### **OLIVIA O**

**ULSTEIN**®

ISA

**LOA:** 88 m **GT:** 4,989 t **Systems on-board:**AV, IT, LIGHT & COMFORT CONTROL



EIV

ROSSINAVI



**LOA:** 49 m **GT:** 498 t

Systems on-board:
AV, IT, CCTV, LIGHT & COMFORT CONTROL







### PANAM

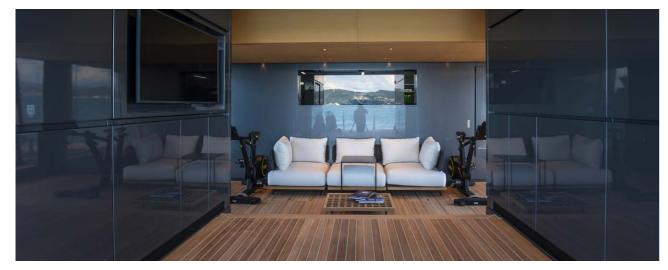
BAGLIETTO



**LOA:** 39,8 m **GT**: 340 t

Systems on-board:

AV, IT







### RESIDENTIAL

# PRIVATE VILLA ITALY

Videoworks integrated systems for:

Audio Video Connectivity Lighting Home Automation CCTV







### RESIDENTIAL

# PRIVATE VILLA FRANCE

Videoworks integrated systems for:

Audio Video Connectivity Lighting Home Automation CCTV





### **RESIDENTIAL**

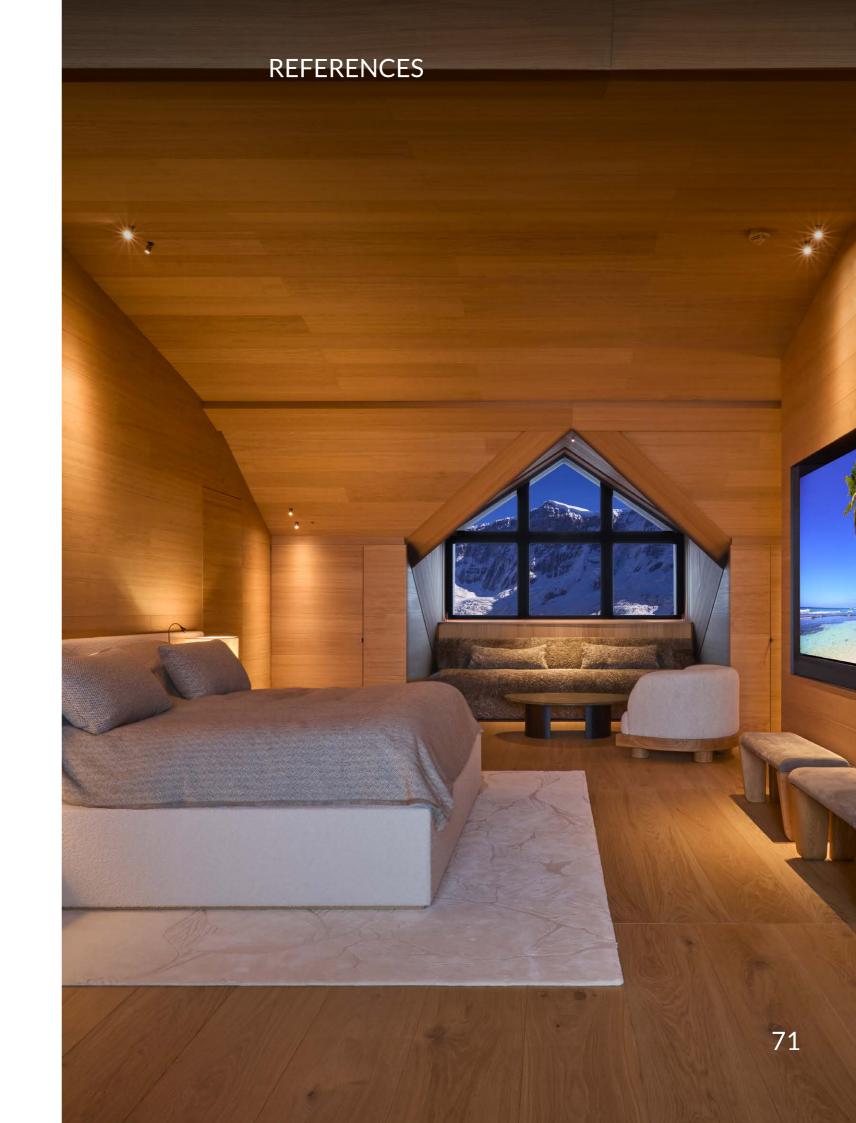
### PRIVATE PENTHOUSE SWISS

Videoworks integrated systems for:

Audio Video Connectivity Lighting Home Automation CCTV







#### THE GROUP

### VIDEOWORKS SPA | HQ

Via Albertini, 36 | block E13 60131 Ancona (AN) | Italy

### **VIDEOWORKS MILANO**

Via Risorgimento, 87 20017 Rho (MI) | Italy

### **VIDEOWORKS VIAREGGIO**

Via Grecale, 4F loc. Bicchio 55049 Viareggio (LU) | Italy

### VIDEOWORKS FRANCE

19, Chemin des Travails | Tuilière 1, 06800 Cagnes-sur-Mer | France

### VIDEOWORKS OF AMERICAS INC.

4901 Spectrum Blvd, Suite 406, Fort Lauderdale, FL 33309 – USA

### VIDEOWORKS ELEKTRONIK TIC. A.Ş.

Aydıntepe mah. Aydınlı yolu cad. Kafkas Plaza No:17 Kat:3 Tuzla – İstanbul | Turkey

### **VIDEOWORKS EUROPE BV**

Beechavenue 134 | 1119 PR Schiphol-Rijk | The Netherlands

