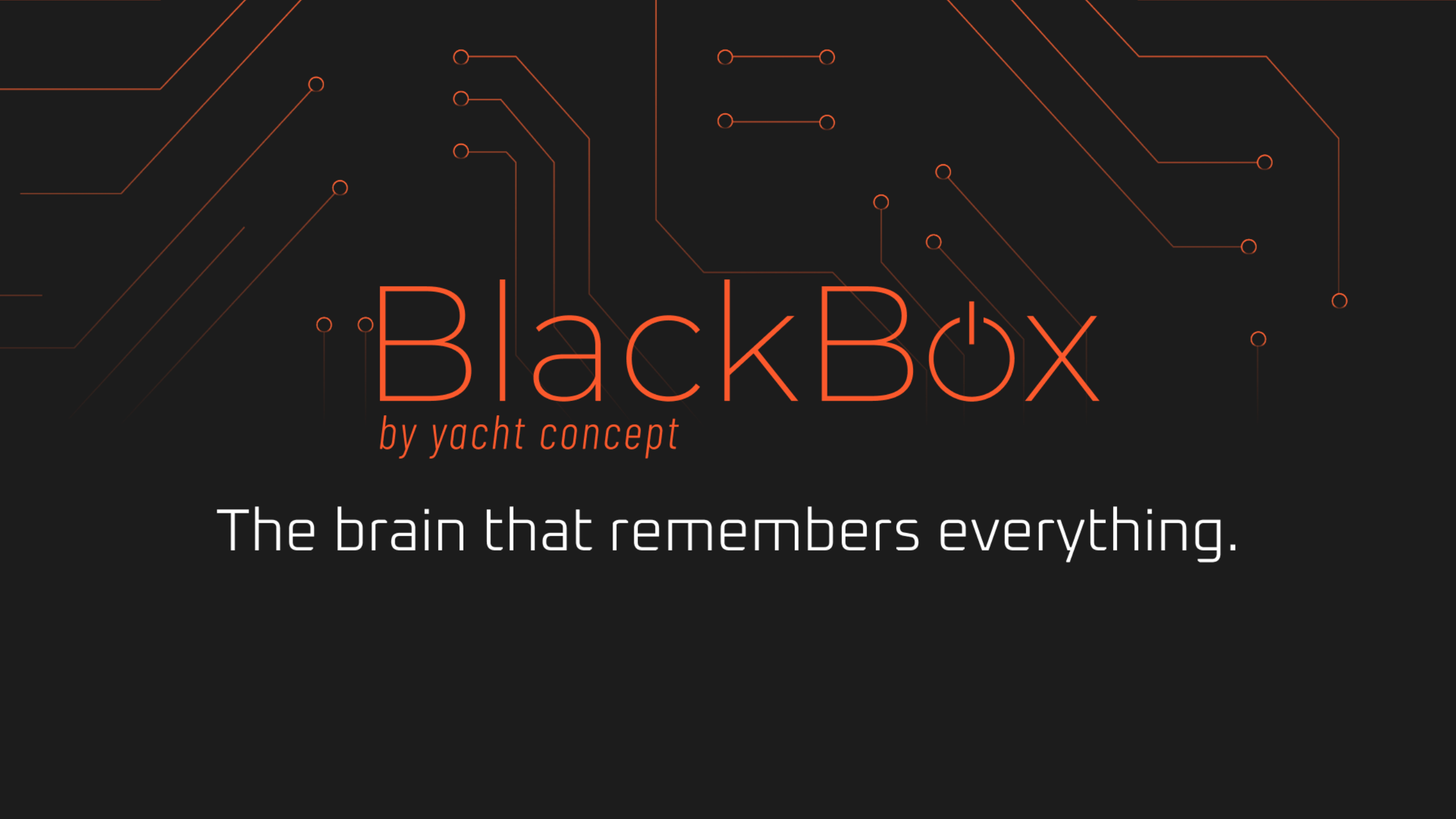


An abstract background pattern of orange lines and dots on a dark grey background, resembling a circuit board or neural network. The lines are thin and connect various circular nodes of different sizes.

BlackBox

by yacht concept

The brain that remembers everything.

Why do vessels need better monitoring?

The industry needs a simple, reliable way to see everything happening on board.

No reliable event record → disputes & delays with insurers

Unexpected failures → costly downtime

Blind servicing → higher maintenance costs

Unknown source of failure → slow troubleshooting without clear data

Limited transparency → less trust between owners, crew & insurers



What is BlackBox?

BlackBox is a compact, plug-and-play device designed for easy integration across a wide range of marine vessels – from leisure craft to commercial ships and workboats. It connects directly to onboard systems via standard **marine communication protocols**, enabling seamless data acquisition, logging and transmission from multiple sources, including engines, generators, propulsion systems, auxiliary equipment and all hotel-related systems.



What do you gain with BlackBox?

A continuous, trustworthy log of everything that happens on board.

All your systems and data connected in one clear place.

Faster and more affordable troubleshooting thanks to remote diagnostics.

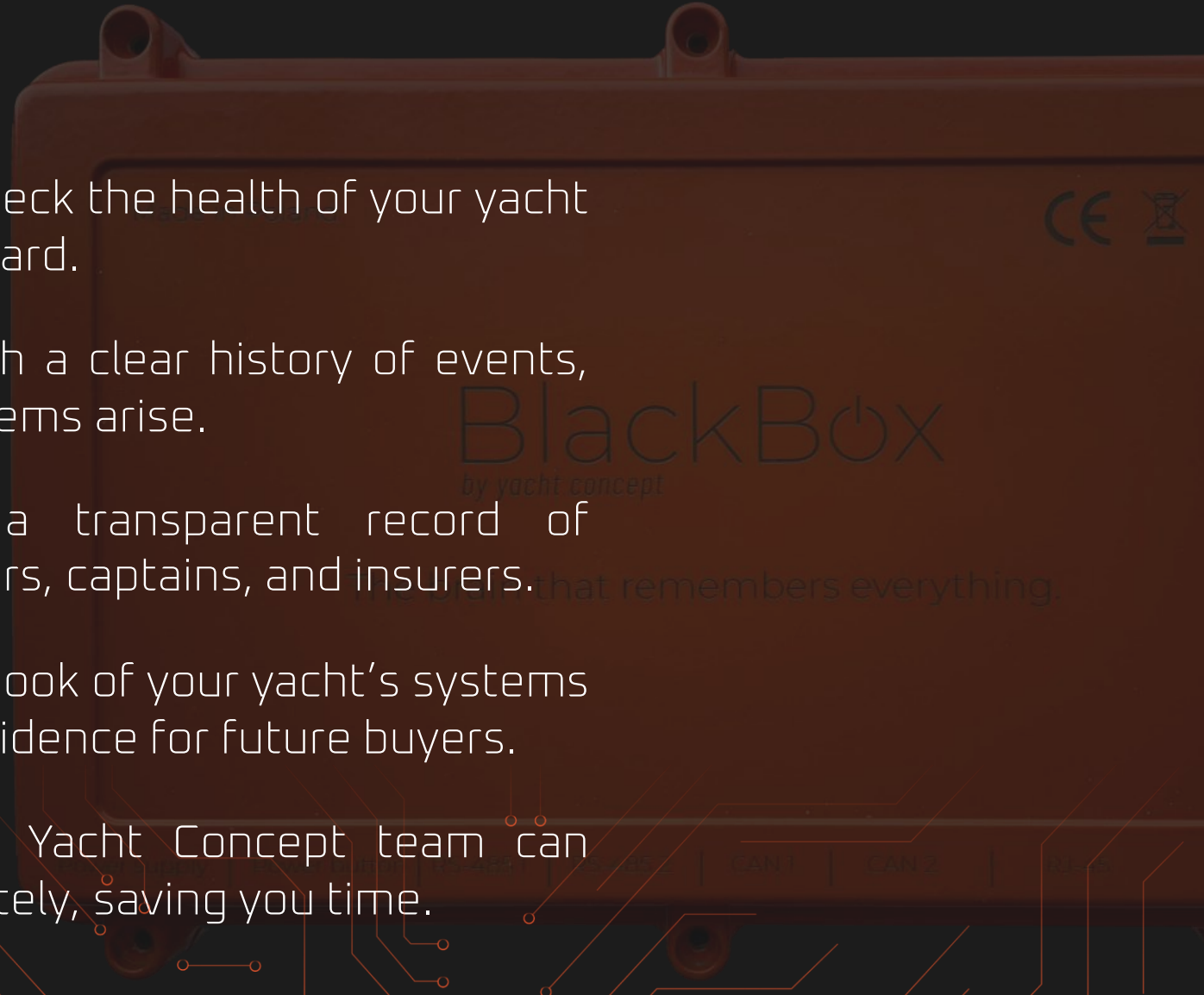
Early alerts that prevent costly failures and reduce downtime.

Reliable, objective evidence for owners and insurers when needed.



Why is BlackBox more than just monitoring?

- **Peace of mind anywhere** – you can check the health of your yacht remotely, even when you're not on board.
- **Smarter maintenance planning** – with a clear history of events, it's easier to plan service before problems arise.
- **Improved crew accountability** – a transparent record of operations builds trust **between** owners, captains, and insurers.
- **Higher resale value** – a full digital logbook of your yacht's systems shows proper care and increases confidence for future buyers.
- **Professional support on call** – the Yacht Concept team can configure and adjust everything remotely, saving you time.



How does it work?

- STEP 1** Collect & record — BlackBox keeps track of what's happening on your yacht — engines, power, and sensors — recording everything 24/7. It works even without internet, and syncs remotely when a connection is available.
- STEP 2** Detect & alert — The system constantly watches for unusual behavior. If something looks wrong, you'll get a clear alert on board — and, if you like, also by email to you or your service team.
- STEP 3** Review & Understand — All data is available in an easy web dashboard: see what's happening live, look back at past events, and use timelines or reports to plan maintenance or understand incidents.



Why BlackBox stands out? Key benefits.

1. **All-in-one monitoring** — engines, power systems, auxiliaries, and integrated sensors (accelerometer, gyroscope, temperature, humidity).
2. **Always-on recording** — 24/7 local logging with 1 TB storage, even during blackouts thanks to built-in UPS.
3. **Clear insights, fast action** — real-time charts, alerts, email notifications, and easy history playback for quicker troubleshooting and safer operation.
4. **Remote-ready** — optional sync when internet is available, plus browser dashboard for live view and incident timelines.
5. **Plug & play compatibility** — works across standard marine networks: NMEA 2000, CAN, RS-485, Ethernet.
6. **Built for the sea** — rugged IP68 enclosure, low power draw (~5 W), resilient design for tough marine conditions.
7. **Fleet-ready** — unified, comparable data across mixed equipment and vendors, perfect for operators managing multiple vessels.

Who is the BlackBox for?

Insurance companies: Makes it easy to check what happened during incidents and speed up claims.

Charter fleets: Helps avoid downtime by spotting problems before they turn into big breakdowns.

Owners / Armators: Protects the value of their boats by preventing costly damage.

Captains: Provides clear, real-time info to make safe and informed decisions at sea.

Maintenance teams / Technicians: Enables remote diagnostics and reduces unnecessary on-site visits.



What our Clients say?

„BlackBox made troubleshooting so much quicker for us. Instead of guessing, we get straight answers. The Yacht Concept team set everything up remotely, and it just works.“

Captain of M/Y FAT CAT

„The alerts are a lifesaver. We catch small issues before they become big repairs.“

- Captain of S/Y AHAVA

„What I like most is the clear log of everything happening on board. If something goes wrong, we know exactly when and why. The setup was smooth, the team was super helpful, and support is always just a call away.“

- Captain of S/Y Endless Horizon

How did BlackBox help a Mediterranean charter fleet? A case study.

The fleet: 10 large catamarans with different engines and power systems.

The challenge: When incidents occurred, there was no reliable record. This often caused disputes between charter operators and insurance companies, slow troubleshooting, and costly repairs.

The solution: BlackBox installed on each vessel – continuous data logging, email alerts, and a remote dashboard for operations and service teams.

The results: Clear event timelines, faster diagnosis, pre-prepared spare parts, and quicker insurance claim processing.

Next steps: Track KPIs – fewer emergency trips, reduced troubleshooting time, and money/time saved.

How BlackBox saves resources?

Very low energy use — runs on about 5 W.

Durable aluminium housing — strong, corrosion-resistant, and designed to last for years.

Fully recyclable materials — aluminium enclosure and RoHS-compliant parts can be safely recycled at end of life.

No extra wiring — plug-and-play with existing yacht networks, avoiding waste from retrofits.

Fewer service trips — remote access and continuous logging reduce unnecessary travel and emissions.

Local sourcing — enclosures and parts can be produced regionally, cutting transport impact.



How does it look like from the side?



How does it look in practice?

<https://youtu.be/7fw86Hx2my8>



SCAN ME

How much does it cost?

Component	Description	One-off / Recurring
BlackBox	Plug-and-play device for real-time and historical monitoring of vessel systems.	€ 1 900 (<i>one-off</i>)
YachtVision Remote Service	Global multi-network eSIM ; can be activated or paused at any time.	€ 30 / month / vessel



What's coming next?

BlackBox "Armoured"
Built to survive the extreme.

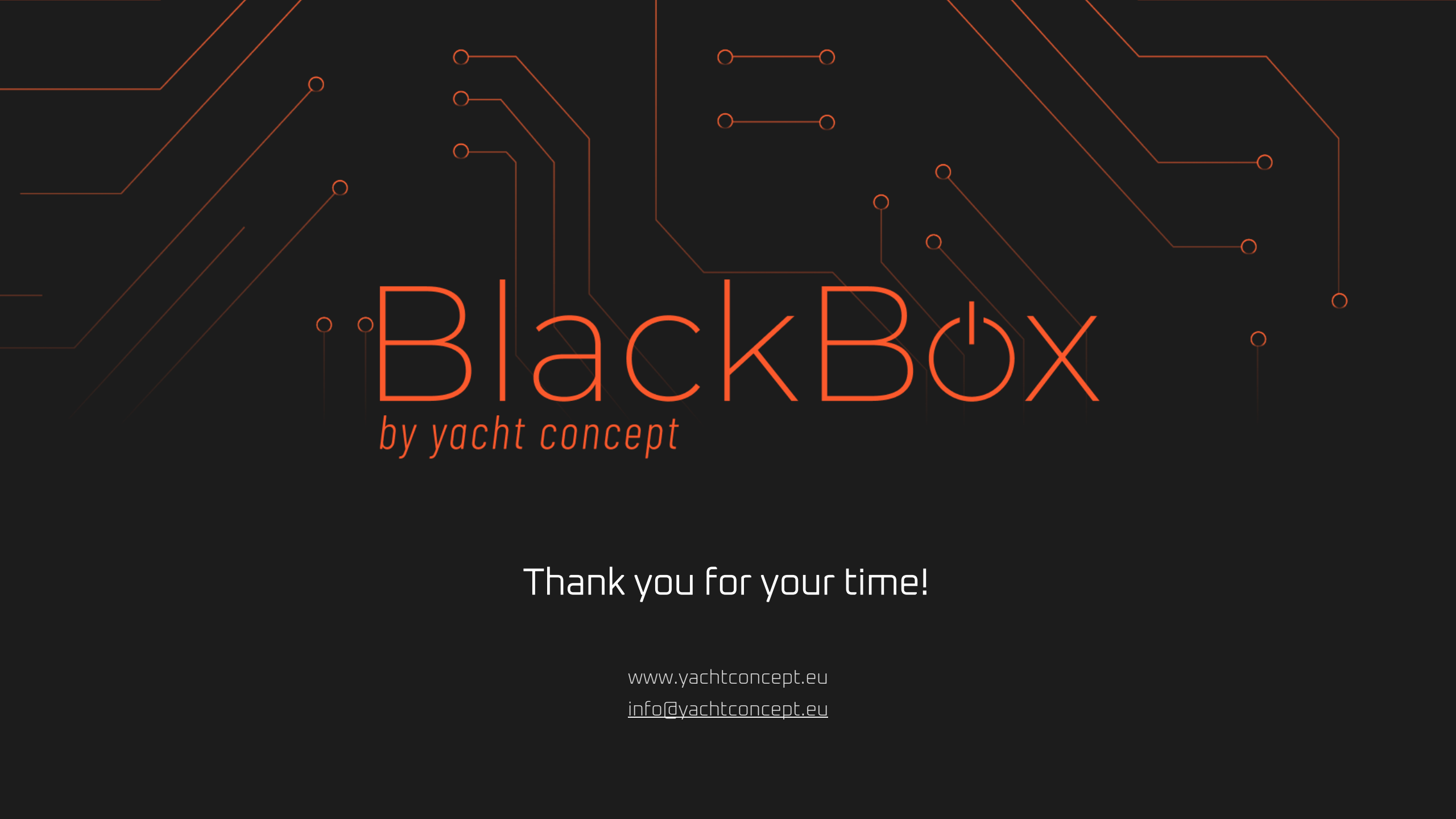
Titanium casing with composite-ceramic isolation

Extreme durability: protects internal memory at depths up to 2000 m and temperatures up to 1000 °C

Fully operational when submerged in water

Ideal for heavy-duty, professional, and offshore service environments





BlackBox

by yacht concept

Thank you for your time!

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