

CHARTPLOTTER INTEGRATION FOR THE MUXEN BRAIN

MFD

The boat’s screens appear in the plotter’s own app launcher, next to its chart, radar and sonar pages.

MFD is the chartplotter integration of the MUXEN Brain. It makes the Brain introduce itself on the helm network the way a Raymarine Axiom expects, carrying the **authorisation key** the display checks before it will show a third-party interface at all. Cable the Brain to the plotter and the boat’s interface becomes one more page at the helm — nothing to configure, on the Brain or on the display.

WHAT THE HELM SEES, AND WHAT IT TAKES

01 THE WHOLE INTERFACE AT THE HELM
The shortcut opens the boat’s own MUXEN pages full screen on the plotter, the same interface the crew uses below deck.

04 A KEY THE DISPLAY ACCEPTS
Each brand has its own authorisation key, issued by Raymarine. A display that does not accept the key never offers the shortcut.

02 IN THE PLOTTER’S APP LAUNCHER
The boat’s interface lands under Apps beside the display’s own pages, and can be pinned to a home screen next to chart and radar.

05 FOUR BRANDS ON EVERY BRAIN
Bali, Boat Assist, Catana and Muxen all ship together. Commissioning decides which of them a given boat shows at the helm.

03 THE YARD’S NAME AND ICON
The display fetches the shortcut artwork from the Brain, so the crew sees the boat’s brand under the icon rather than a generic web page.

06 ONE CABLE, NOTHING TO SET UP
An Ethernet run between the Brain and the display, which hands out the address itself. No settings page and no port of its own.

KEY SPECIFICATIONS

Display	Raymarine Axiom or Axiom 2, 16-inch or larger, running LightHouse 4
Link	One Ethernet cable; the display assigns the Brain’s address
Prerequisite	A MUXEN web interface already answering on the Brain
At the helm	A shortcut in the app launcher, pinnable to the home screen
Commissioning	Cable it, install it, then power-cycle the display once

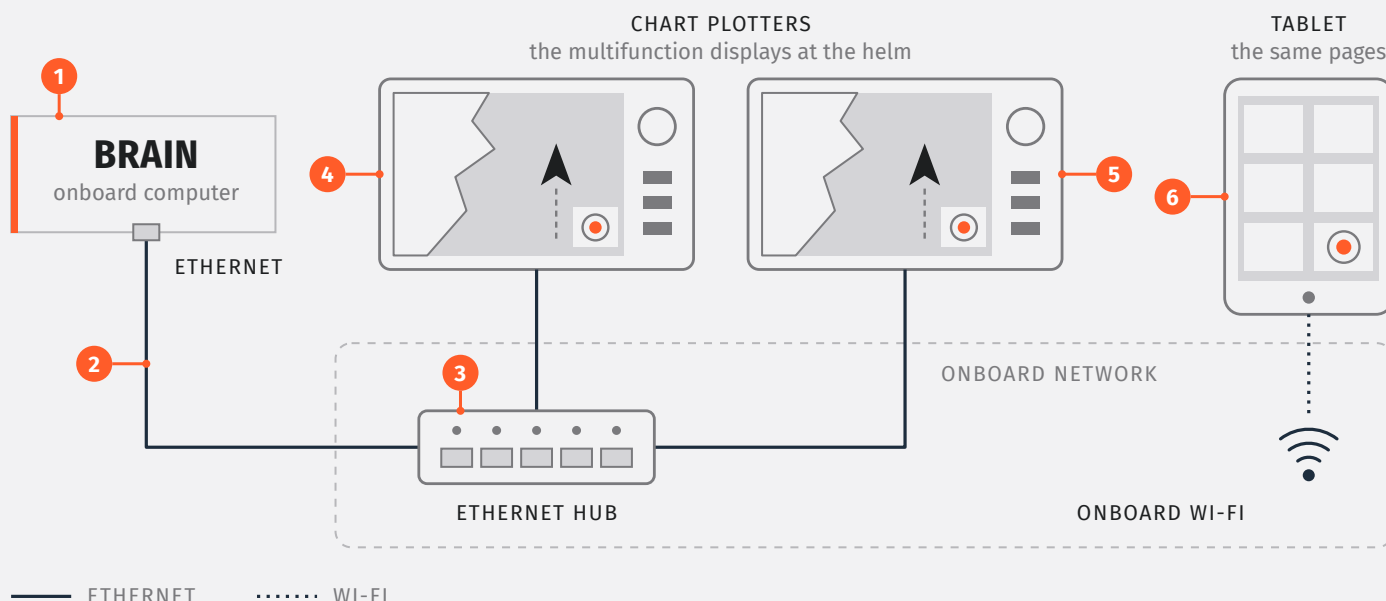
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WIRING IT IN

TYPICAL INSTALLATION

One Ethernet cable from the Brain to the hub, and every chart plotter at the helm offers the boat's MUXEN interface as one of its own apps. A tablet on the onboard Wi-Fi opens the same pages.

ONE BRAIN, ONE HUB, TWO CHART PLOTTERS, ONE TABLET



1 THE BRAIN

The boat's pages come from the **Brain**, the onboard computer. The plotters and the tablet show the same ones, and nothing is installed on them.

2 THE CABLE

One **Ethernet cable** runs from the Brain to the hub. The plotters reach the Brain by cable only; the Wi-Fi is there for the tablet.

3 THE HUB

The hub joins the Brain to **every plotter** at the helm, with one cable each. A boat with a single plotter needs no hub; the cable goes straight to it.

4 THE SHORTCUT

Each plotter detects the Brain **automatically** and lists the boat's interface under Apps. One that was already on when the Brain was connected needs a restart.

5 THE BOAT'S PAGES

The shortcut opens the boat's pages: energy, lighting, tanks and climate, **read and controlled** from the helm. It can be pinned to the home screen.

6 THE TABLET

A tablet on the **onboard Wi-Fi** opens the same pages in its browser, so the crew reads and controls the boat from the saloon or the cockpit as well.