

NAVIOP

Now experience
your endless summer.



NAVIOP™
loop



Life should be
a lot less complicated.



Technology is not first, you are.

That's precisely why we work hard on technology and design excellence: to deliver uncomplicated yet powerful and uncompromised solutions.

The Naviop loop project has been developed to connect Naviop with Simrad and B&G know-how in a single useful user interface, granting access to an infinite array of possibilities, opportunities, and joint technological developments,

to let you simply
live your endless summer.



A true partnership in the pursuit of excellence.



NAVIOP is an international leader in marine monitoring and control systems. Over the years NAVIOP has developed cutting-edge solutions which feature high performance and reliability, complying with all major standard certifications, to provide its customers with full control of the boat. www.naviop.com

Navico provides a complete range of navigation solutions, communications equipment, and instrumentation to customers around the world. The Navico Professional series offers equipment for any kind of sailboats (from cruising to offshore and race sailing), search and rescue/patrol boats, work boats, commercial fishing boats, passenger vessels, super yachts, and short sea/cargo vessels. The Navico Group, is the world leader in Marine Electronics. www.navico.com

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It was easy for Naviop and Navico to join their efforts in this project, both companies have a history of success, driven by their careful attention to the customers needs and by their quest for technological and design excellence.

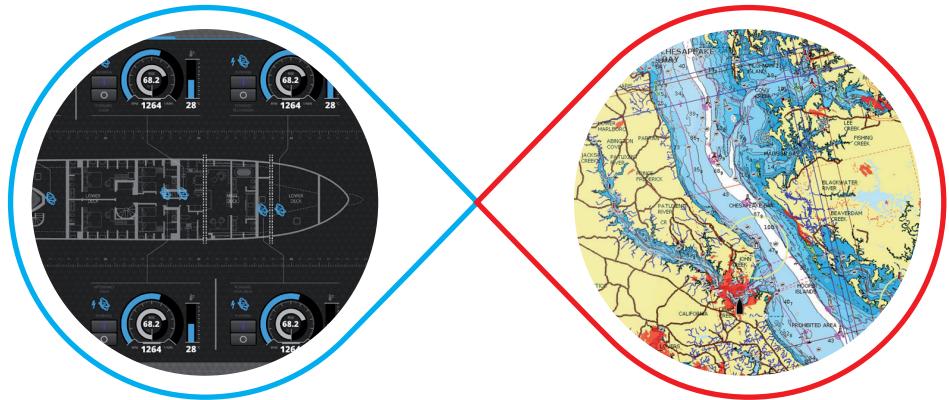
Here are the top managers in Amsterdam at the METS 2015 presentation. From left to right: Luigi Leoni (Naviop Vice President and CEO), Giuseppe Leoni (Naviop President), Leif Ottosson (Navico President and CEO), Gabriele Gatta (Naviop General Manager).

“Naviop has a great deal of experience in developing integrated systems and by combining the powerful processing technology we have in our Navico glass helm range, we can both easily meet the sophisticated demands of today’s yachts and megayachts.” said **Leif Ottosson, Navico President**, adding “I’m certain that in the future, we will see the same demand for these types of versatile systems on boats of all types and sizes across our markets.”

Luigi Leoni, Naviop Vice President said, “We are very proud to partner Navico, one of the leading manufacturers in marine electronics. Our expertise and knowledge really complements Navico’s technology and state-of-the-art marine solutions. Together our new systems will revolutionize the way the whole vessel can be fully automated and interconnected via a single display.”



Monitoring & Control plus Navigation.



Just enjoy the experience. Naviop loop is pure endless knowledge right at your fingertips.



Naviop and Navico team up to integrate monitoring and navigation, now seamlessly accessible from within the same system.

Navico, the world's largest recreational marine electronics company and Naviop, international leader in monitoring and control systems for yachts and luxury megayachts, team up in a powerful new partnership. The companies bring together their technological expertise to further develop state-of-the-art solutions for displaying and controlling sophisticated navigation, monitoring, and control systems. The joint network connects all vessel services with a single touch. The two companies also aim to expand their range to cover the demands of the broader production and volume boat builders.

As a result of the partnership, Naviop's network will be accessed through Navico glass bridge via an icon on the home screen. The system will be connected directly to the equipment on the yacht via a Naviop interface.

The ability to use Naviop's monitoring and control system within the Navico glass bridge range will enable Captains or boat owners to work with sailboat and yacht manufacturers to develop customized management systems, with a personalized clear and easy-to-use user interface with touch screen controls.

Thanks to Naviop's extensive experience in developing marine and industry communication protocols and its testing and verification processes, accessing the Naviop network enables users to monitor, manage, and control key functionalities such as engines, generators, trim and flaps, lighting, navigation lights, fuel consumption, air conditioning, entertainment, tankage, power plant, security, bilge pumps, batteries, and other vital services on board.



One loop to rule them all.



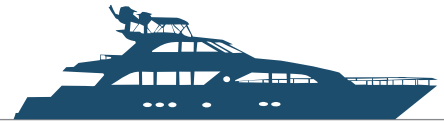
FROM CRUISING
TO OFFSHORE SAILING



OPEN DAY



CRUISING YACHT
SUPER YACHT



MEGA YACHT



The loop system is designed to meet the need and exceed the expectations of your way to live on the sea, **delivering innovation to a wide range of boats, from sailing to engine powered, from open day fishing boat to megayacht.**

The experience of both Naviop and Navico allows a solution which is flexible and customizable, still granting the control and navigation features previously operated by different systems. The integrated approach greatly reduces technical redundancy and device duplication, making loop a perfect choice for new and refitted boats.

Loop brings to a wide range of smaller boats a system previously only found on superyachts.

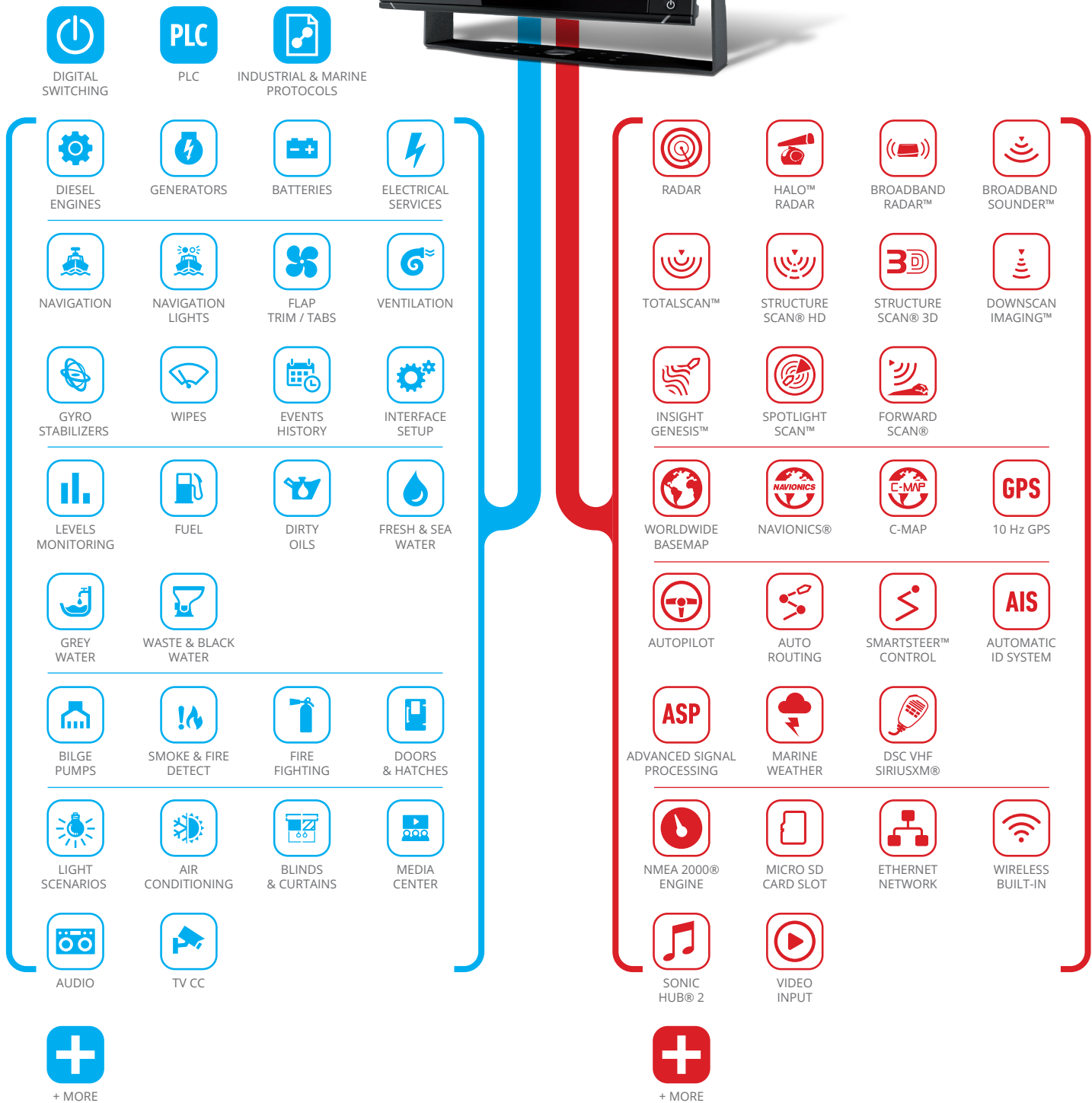
Still, the traditionally wide range of customization of Naviop systems remain perfect for the superyachts design. Many control and navigation systems using Loop have been already developed and built, each of them including special requests from yards and customers.



Naviop designs systems for marine monitoring and control. The leadership in the heavily customized super-yachts market led to **a nearly full set of available controls, complying with all the major certifications.**



Navico (through Simrad and B&G) provides **a complete, world class series of navigation and communication equipment** for boats of any kind. An ever-expanding list of sophisticated navigation systems.



More technology, more ease, more safety.

NAVIOP + navico



The Naviop system is always available by touching the access Naviop icon from the Navico start page. You can also view both systems at the same time, choosing from a different visual layout on the Navico start page.

Naviop loop is the Naviop user interface designed to allow a seamless interlock between the acclaimed Navico navigation controls and the successful Naviop monitoring solutions. You can now have the reliability and tailor-made design of Naviop just inside the devices of Navico, the world leader in commercial navigation controls.

- More reliability and safety on board:** the best of both worlds, accessible through a single framework, that means less wiring, less risk of problems, less hassle.
- More design:** a system which can be in a single or multiple glass bridge, choosing among the wide range of Navico devices and allowing you unprecedented freedom to design your own bridge.
- More easy to install and use:** more time for you to spend enjoying the sea: everything is easy to install and use, less hours dedicated to learn different interfaces and systems.

SIMRAD START PAGE



SIMRAD PAGE



SIDE MENU TO CHOOSE DIFFERENT NAVIOP VISUAL INTEGRATIONS WITH SIMRAD

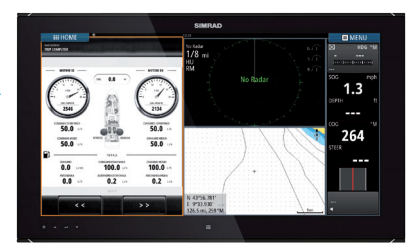
NAVIOP MENU



NAVIOP PAGE, FULL PAGE VISUAL



NAVIOP PAGE, HALF PAGE VISUAL



This navigation path shows a Simrad system.

On sailboats you can have the same kind of integration of Naviop functions with B&G dedicated navigation system.



More reliability and service, more time for you.

NAVIOP + navico



More service: the Naviop and Navico customer services are both available to help with any of your needs, giving you access to a huge worldwide network. The Navico worldwide network of dealers and customer service providers is big enough to make you feel safe and taken care of, literally anywhere.

The Navico service network joins the Naviop service points to give you the custom assistance you're used to. More skilled technicians than ever are prepared to work with the Naviop systems, to manage any needs.

Ask Naviop or Navico for the updated complete list of service points.



The best of Simrad, re-engineered.



Naviop loop is integrated in the following Simrad glass touchscreen displays:

NSS Touchscreen displays

NSS7 EVO2
CHARTPLOTTER / MULTIFUNCTION DISPLAY



NSS9 EVO2
CHARTPLOTTER / MULTIFUNCTION DISPLAY



NSS12 EVO2
CHARTPLOTTER / MULTIFUNCTION DISPLAY



NSS16 EVO2
CHARTPLOTTER / MULTIFUNCTION DISPLAY



NSO Systems and Marine Monitors

MO16-T MONITOR



MO19-T MONITOR



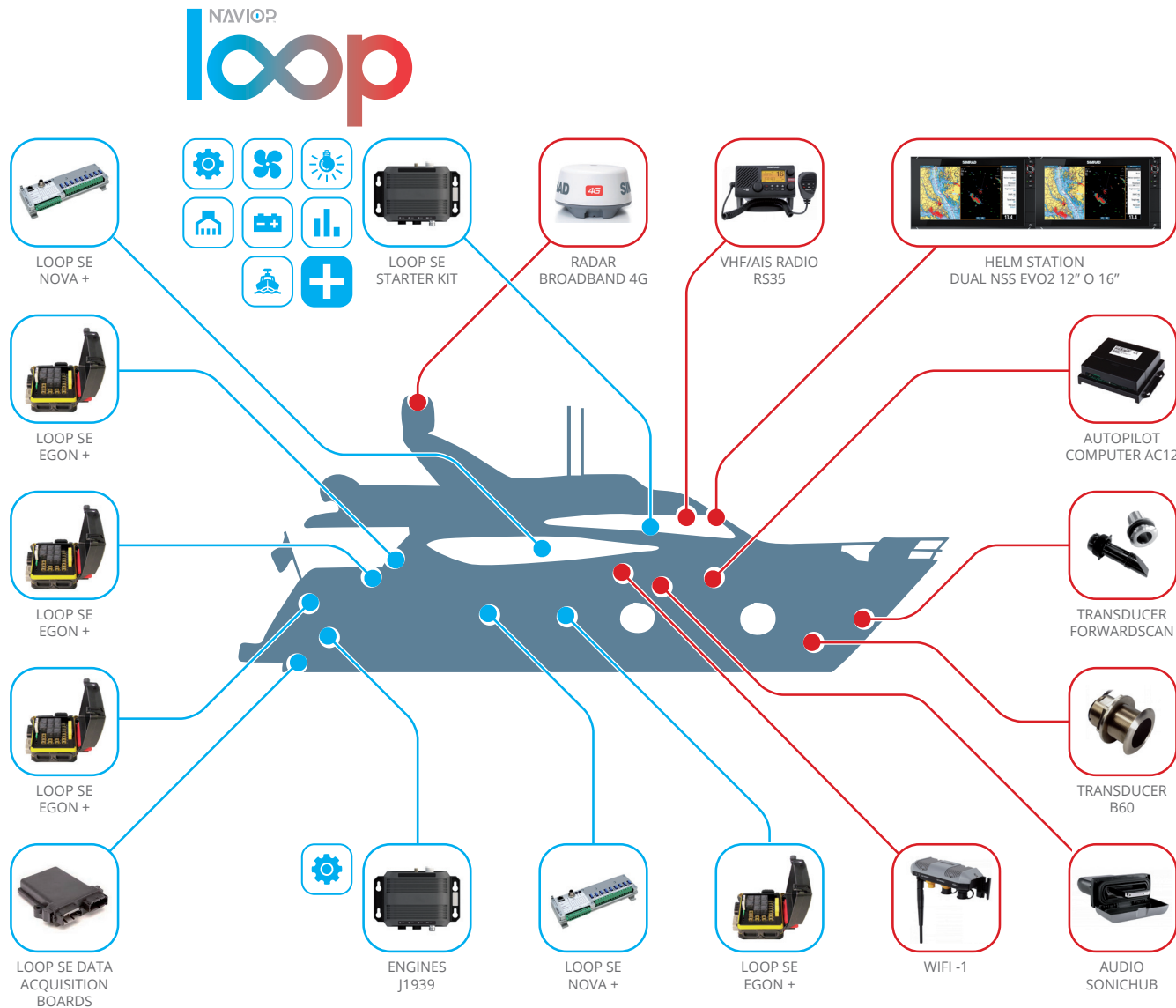
MO24-T MONITOR



NSO EVO2 MARINE PROCESSOR



Naviop loop synoptic scheme for a 40ft cruising yacht.



Naviop loop is designed to be used in any kind of boat, from the smallest to the biggest; the difference relies on the amount of technical devices and functions controlled, and on the increasing customization of the user interface.

Here we have an example scheme for a 40 ft cruising yacht:

- 32 digital switching loads (4 Egon pages),
- 4 levels (1 Egon page),
- 2 J1939 engines (1 engine page)
- 16 lights (2 light pages),
- 2 batteries (1 batteries page),
- 2 displays (2 NLA).



The best of B&G, re-engineered.



Naviop loop is integrated in the following B&G glass touchscreen displays:

ZEUS² Touchscreen displays

ZEUS² 7
CHARTPLOTTER / MULTIFUNCTION DISPLAY



ZEUS² 9
CHARTPLOTTER / MULTIFUNCTION DISPLAY



ZEUS² 12
CHARTPLOTTER /
MULTIFUNCTION DISPLAY



ZEUS² Glass Helm Systems

ZEUS² GLASS HELM ZM 16"



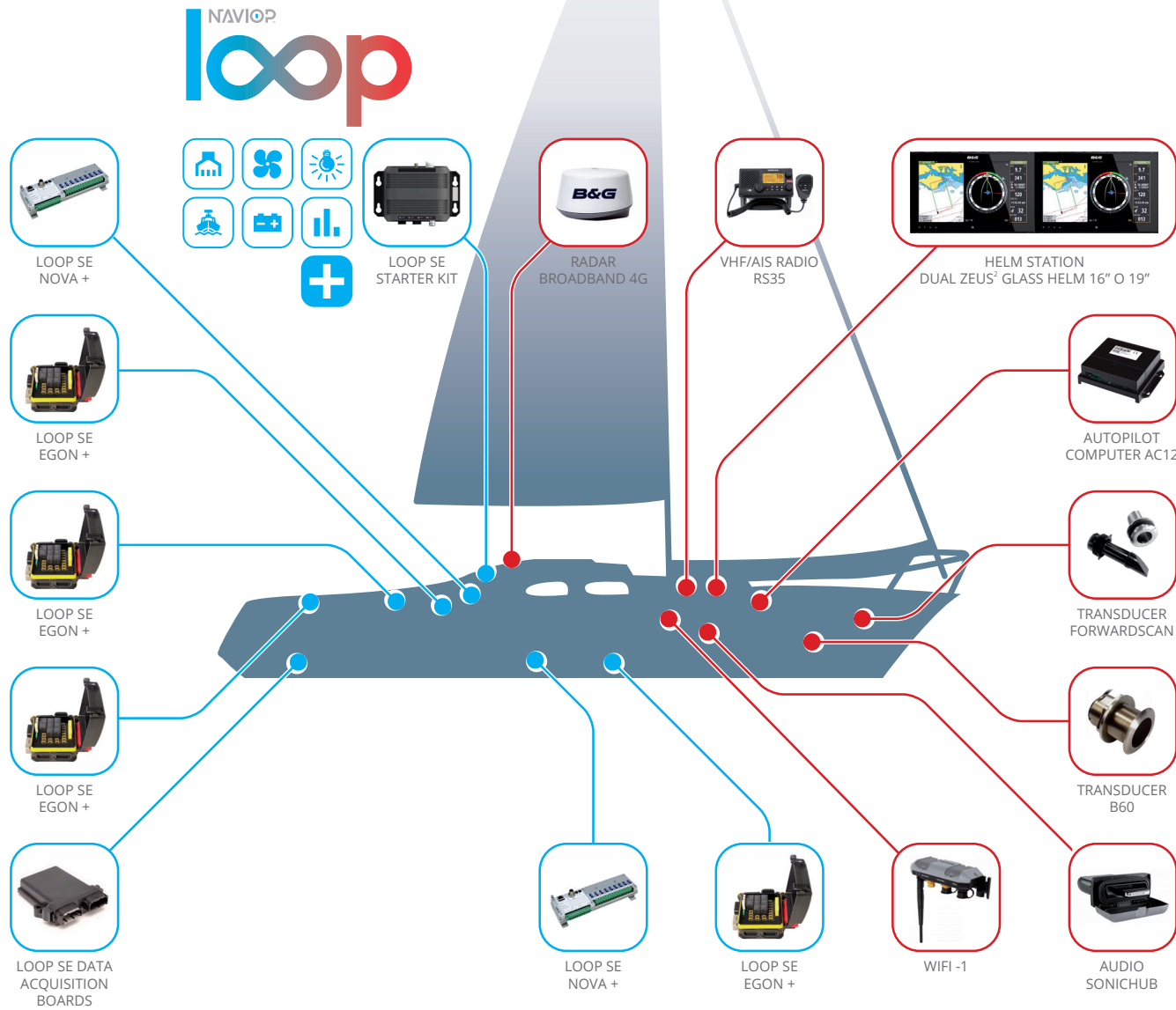
ZEUS² GLASS HELM ZM 19"



ZEUS² GLASS HELM CPU



Naviop loop synoptic scheme for a 40ft cruising sailboat.



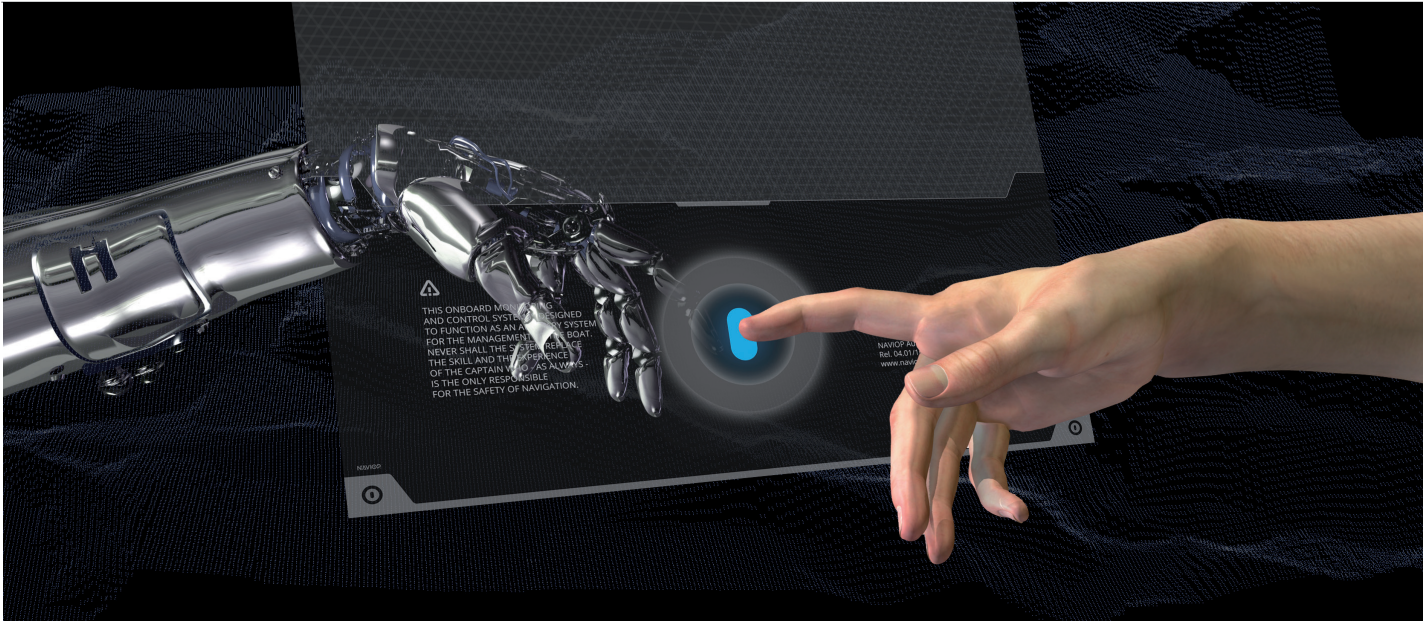
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- 32 digital switching loads (4 Egon pages),
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- 2 displays (2 NLA).



The best of Naviop, designed for humans.



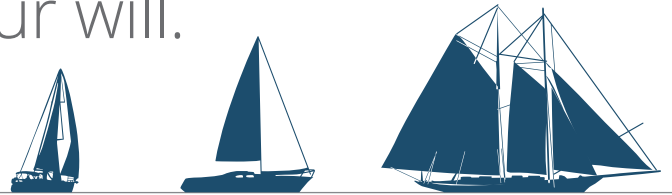
Besides technology excellence, the real plus of Naviop interface is design: loop has been carefully developed and styled to be used by humans, relying on the vast expertise of Naviop in custom systems: **Naviop design is in many loop systems, from the most compact and affordable, to the multi-screen megayacht solution.**



Tailor made solutions, to fit your will.



FROM CRUISING
TO OFFSHORE SAILING

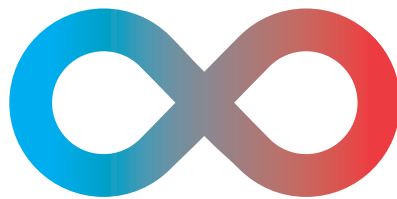


FROM OPEN DAY
TO MEGA YACHT



	Naviop loop SE	Naviop loop HE	Naviop loop HSE
<i>Simrad compatible displays</i>	# NSS7 evo2, NSS9 evo2, NSS12 evo2, NSS16 evo2	# NSS7 evo2, NSS9 evo2, NSS12 evo2, NSS16 evo2 MO16-T, 19-T, 24-T	# MO16-T, MO19-T MO24-T
<i>B&G compatible displays</i>	ZEUS ² 7", 9", 12"	ZEUS ² 7", 9", 12" ZEUS ² Glass Helm 16", 19"	ZEUS ² Glass Helm 16", 19"
<i>Simrad Marine Processor</i> <i>B&G Marine Processor</i>	- -	Simrad NSO evo2 ZEUS ² Glass Helm CPU	Simrad NSO evo2 ZEUS ² Glass Helm CPU
<i>Naviop T-Box</i>	Starter kit with: · Engines · Levels · Lights · Batteries · Flaptrim · Navigation · Bilge pumps	Naviop V-Box always available	Naviop L-Box always available
<i>Marine Protocols Compatibility</i>	NMEA2K, J1939	Industrial & Marine protocols	Industrial & Marine protocols
<i>Customer Care</i>	Naviop Knowledge. Full Customer Care	Naviop Knowledge. Full Customer Care	Naviop Knowledge. Full Customer Care
<i>User Interface Design</i>	Naviop loop UX: Simrad layout; Standard pages from Starter kit; Brand and page backgrounds customization.	Yard loop UX: Simrad layout; Full choice among Naviop pages; Yard Corporate image graphic customization.	Taylor made UX: Naviop layout; Full choice among Naviop pages; Tailor made design.
	Naviop loop UX	Yard loop UX	Tailor made UX





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