Digital Yacht will introduce a new on board, wireless server called iNAVHub at Southampton Boat Show on the CA Clase Stand (G091). Every day we connect to wireless networks with our phones, tablets and PCs at home and work. Now you can do this whilst on board as iNAVHub allows boat data and a mobile internet connection (if available) to be shared by crew and guests.

iNAVHub creates a password protected WiFi network on board your boat and typically footprints boats up to 30 metres in length. Simply search for networks on your mobile device or PC, connect to iNAVHub and then you can seamlessly join the boat’s network.

It features an NMEA input allowing you to connect to your boat's existing systems such as GPS, instruments and AIS and it makes all this data available over the WiFi link for use with popular electronic charting apps such as iNAVx or data viewing programmes such as iOnBoard or NMEA remote. Data is transmitted in the industry standard UDP format which allows for multiple devices to connect at any one time.

iNAVHub also has a WAN (wide area network) connection. The WAN port can connect to internet connection devices such as WiFi, 3G or satellite systems with a standard ethernet interface. There is also a port for connection to a local wired network (LAN) for use with devices such as PCs or MACs.

iNAVHub has been designed to fully integrate with Digital Yacht's latest WL510 long range WiFi adaptor. Simply plug the WL510 into the dedicated WAN network socket and when you arrive in port and connect the WL510 to a local hot spot, everybody on board will be able to share the long range internet connection. The optional WL510 offers WiFi connection ranges of up to 4NM.

It is suitable for operation on 12V and 24V DC and can be neatly mounted in a locker or at the nav station.