WiFi On Boats – By Digital Yacht

Presented by:
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WiFi On Boats – The Possibilities

WiFi – Brand name for wireless networking under IEEE standard 802.11

Wireless access to the internet
Distribute NMEA 0183 and NMEA 2000 data over wireless connections
Specialist wireless devices
Interconnect consumer devices with on board systems
Internet access now ubiquitous in every part of our lives and boat owners want it on board!

Entertainment Data Business Mapping Weather Tracking
Commercial Realisation

iPad – Just one product
April 2010 – 300,000 total sales
September 2012 -

84m

Plus
1.3m Android devices activated DAILY of which 70,000 are tablets – plus iPhones, Windows mobile, Windows 8.....
UK Based Manufacturer with US & China Offices

A *symbiotic approach*

Focus on products which integrate with existing systems and add consumer value
Internet Access Afloat

3G
- Low cost hardware
- Limited range, roaming capability but expensive, differing standards

Wi-Fi
- Low cost hardware
- Up to 5NM range, global system, fast and cheap

Global coverage across the oceans, expensive hardware and very expensive running costs
Wireless Access To The Internet

The Solution
WL510 offer high power internet access with potential ranges of around 4-5NM. The connection can be shared with multiple devices using the iNavConnect router.
Wireless NMEA Data Distribution

The Solution
Use a WLN10 series NMEA 0183 to WiFi server to distribute NMEA data over TCP/IP or UDP links to mobile devices. Use NavLink to distribute NMEA 2000 data.
The Solution
iAIS – an award winning AIS receiver with NMEA and USB data connectivity for plotters and PCs plus a wireless link for iPad and dedicated app.
The Solution
iNAVHub offer high power internet access with potential ranges of around 4-5NM. The connection can be shared with multiple devices using the iNavConnect router.
Advanced On Board Integration

The Solution
BoatraNet – On board server – connects to NMEA systems and allows any web enabled device from Ipad to iPhone, Android to Windows to view boat data and media such as manuals, documents, photos, video and music.