

## What is Signal K?

### **A Free and Open Source universal marine data exchange format**

Signal K is a modern and open data format for marine use. Built on standard web technologies including JSON, WebSockets and HTTP, Signal K provides a method for sharing information independent of the underlying communications protocol (e.g. NMEA0183, NMEA2000, SeaTalk, I2C, 1-Wire, ZigBee, etc) in a way that is friendly to WiFi, cellphones, tablets, and the Internet. A format available to everyone, where anyone can contribute, Signal K is the first truly open data format for the marine industry and is set to revolutionize how we consume and interact with data on boats.

### **Open Source**

All Signal K source code is published under the Apache License, Version 2.0 and everything else, like protocols and interface descriptions, under the Creative Commons CC-BY-SA license.

That means that it is open source, but friendly to companies that want to use it in closed source applications or hardware. Of course source code contributions are always welcome and encouraged.

[www.signalk.org](http://www.signalk.org)

