GPS Data Server v1.0

OS Debian GNU/Linux

Mysql

Apache

Cakephp App (PHP)

HTTP POST
Port: 80
Host: **agrisystema.com**

Device Old Protocol

HTTP GET
Port: 80
Host: **agrisystema.com**

Browser

HTTP POST

NodeJS
(Javascript v8 lib)

Forever
•Automatically Restarting on crash
•Demonizer
•Processes Logs

GPS Data Server
•Keep TCP Connection Open
•Authentication
•Device Filtering
•Packets Buffering

CLI module

Logging module
•Auth Requests
•Packets lengths
•Server status

Pseudo HTTP
HTTP Auth Basic
Data Streaming over TCP

Device New Protocol

Device New Protocol

Device New Protocol

Parser NMEA

(PHP CLI)