

A white, industrial-grade PLC module with a green terminal block on the right side. The module has a textured surface and a red indicator light at the bottom right. The text "Industrial Shields" is visible on the top edge.

# ESP32 PLC 14

Powerful IoT Controller



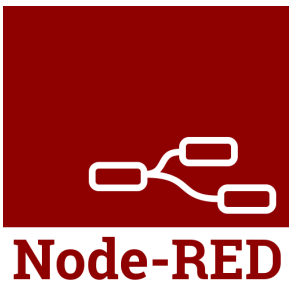
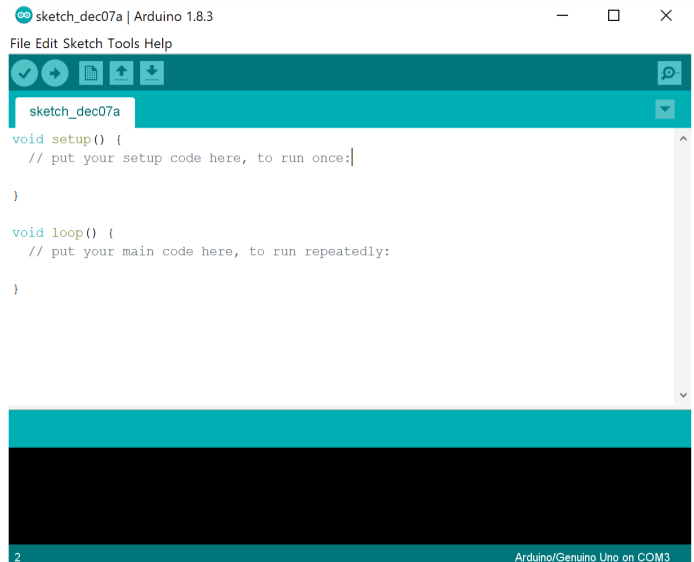
Industrial Shields®



## Arduino IDE is the platform to program ESP32 PLC

Our ESP32 based PLCs use **Original ESP32** boards assembled inside all devices

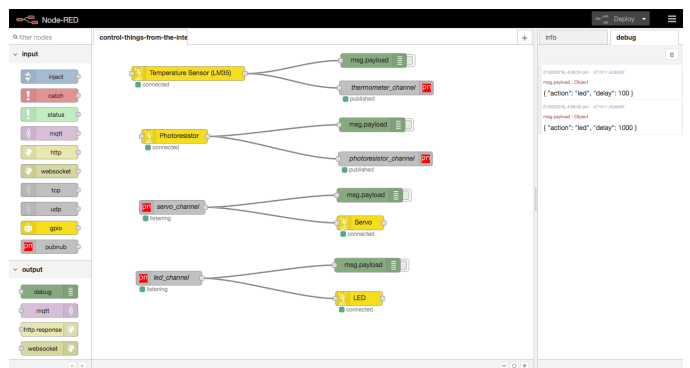
- Free software licenses
- Standard Libraries available
- Documentation and examples available, ready to use
- Industrial Shields libraries available to facilitate the programming of our PLCs



## NodeRED. Platform to develop Apps, Servers, Dashboards and more.

Node-Red is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways. It is very intuitive, easy and fast-programming. It is an excellent tool for working graphically.

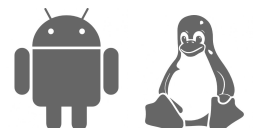
- It provides a browser-based editor that makes it easy to connect flows using nodes.
- Online debugging application



Our PLCs can be programmed with all software platforms compatible with Arduino IDE.

Electron · Codebender · Stino · Eclipse · Visual Studio · Gedit · Komodo Edit · MariaMole · Zeus · Atmel Studio · AVR-GCC · CodeBlocks · ROBOTC for Arduino · Xcode · ArduinoDroid · Notepad++ · Programino · and more...

Our Panel PCs can work with Linux and Android which means that, if your team has enough knowledge, you can create a custom applications for the Panel PCs. You will have more flexibility to fit the needs of your installation or application.



Boot & Work Corp. S.L. is a company committed to the promotion, development, manufacture and selling of products based on Open Source technology to liberalize the industrial sector and boost the growth of its customers.

# COMPANY

**Industrial Shields** is the brand that provides **Open Source Hardware** for industrial use, including all design and safety required, combining the best of two worlds.

Our company's goal is to provide you low cost solutions for automation in industrial environments. The **Open Source Hardware** solutions in the industrial sector are a growing market and we are its pioneers.

The balance between quality and cost is very important for the market, using Open Source solutions you can get more specifications at a better price.

Even more, the Open Source solutions are more flexible and accessible than the standard industrial solutions, and furthermore, the software is free of licences.

You can focus on Industry 4.0 and the Internet of Things thanks to Open Source Hardware products.



## QUALITY

In compliance with :

EN61010-1 | EN61010-2-201 | EN61131-2:2007 (Clause 8: Zone A/B EMC and clause 11:LVD)  
EN61000-6-4:2007 + A1 2011 (Emissions) | EN 61000-6-2:2005 (Immunity) | EMC: FCC Part 15

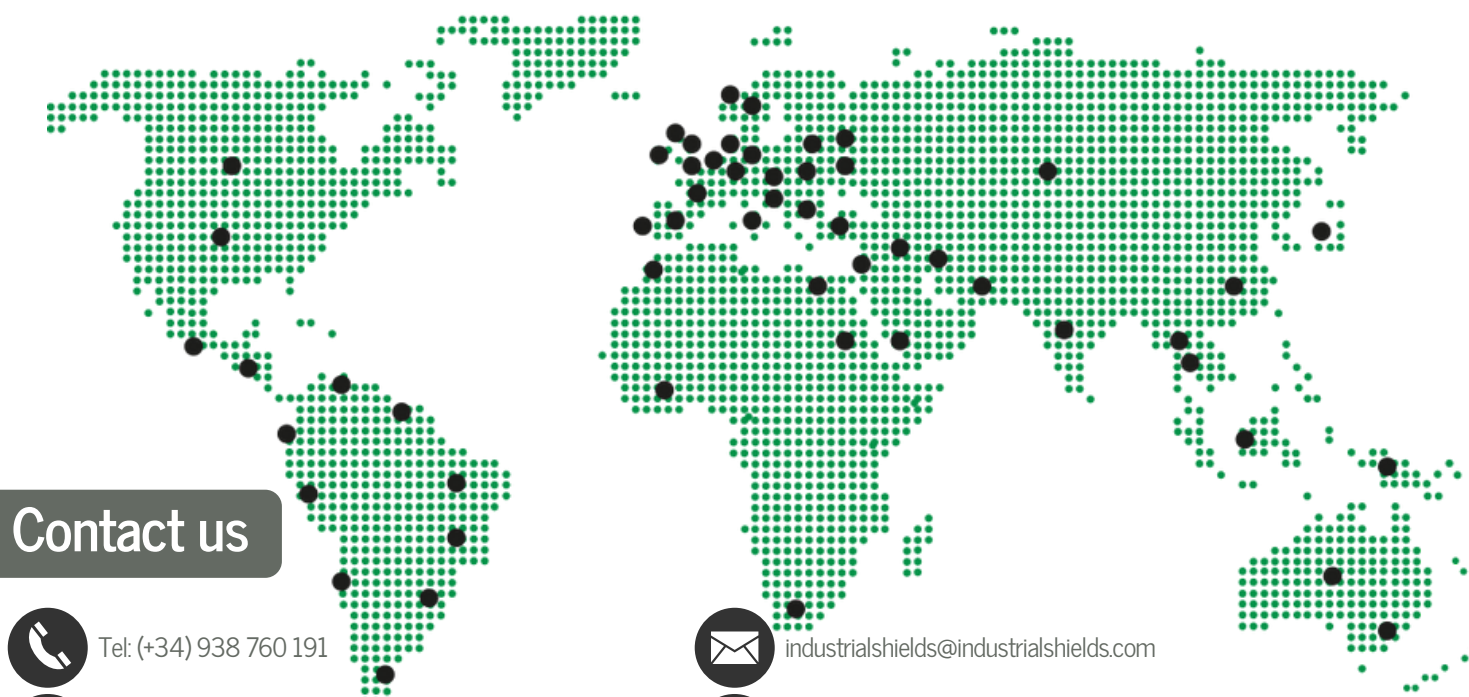


**RoHS**  
Compliant



Working worldwide through distributors, or in direct contact with the customers.

Our **commercial, technical and support team** will assist you by phone, email, or using the ticket system in our website.



## Contact us



Tel: (+34) 938 760 191



Camí del Grau, 25  
Sant Fruitós de Bages 08272 (Barcelona) - Spain



[industrialshields@industrialshields.com](mailto:industrialshields@industrialshields.com)



<https://www.industrialshields.com>