



# EMANUEL OLIVEIRA

ICS and Cybersecurity  
Consultant

## SUMMARY

A professional and dependable **Industrial Control Systems (ICS)** Engineer; after almost 20 years, recent work has been centred on:

### Critical Systems

Marine (automation and alarm systems) and Nuclear (decommissioning).

### ICS Cybersecurity

Research to address a silent threat associated with unsecured critical systems.



[www.hardpath.co.uk](http://www.hardpath.co.uk)

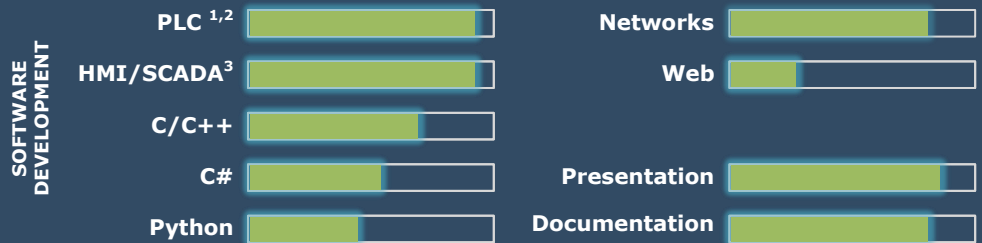


@eoliversec



Stockton-on-Tees, UK

## SKILLS

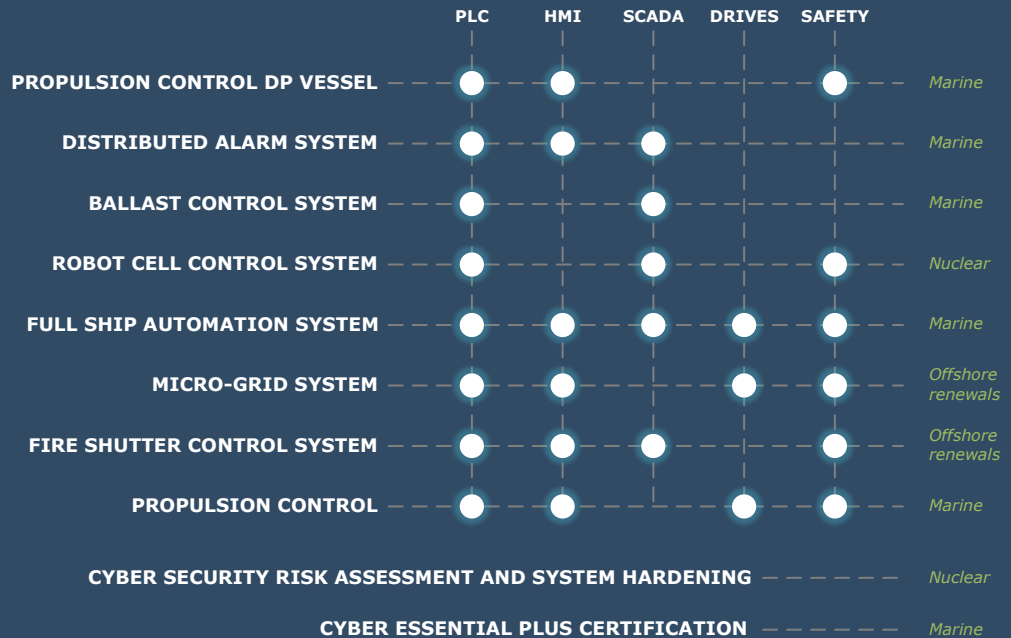


<sup>1</sup> All languages defined in the IEC 61131-3.

<sup>2</sup> Siemens, Allen Bradley, Schneider, ABB, B&R, Omron, Mitsubishi.

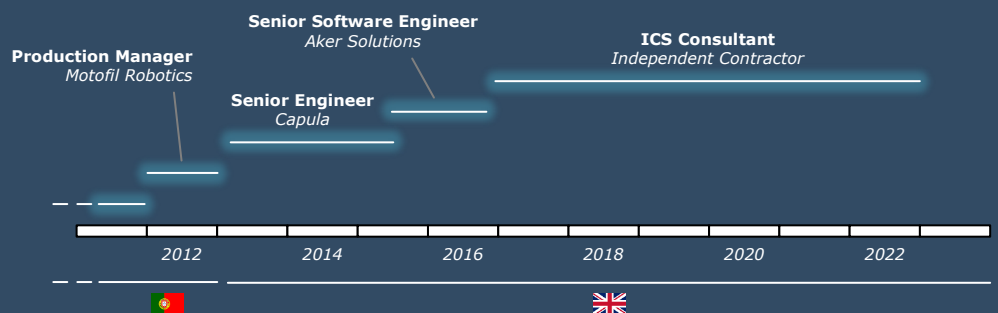
<sup>3</sup> WinCC, PI System, Wonderware.

## TOP PROJECTS SINCE 2017



**Note:** Plus, supervision of more than 50 projects implemented by other engineers.

## EXPERIENCE



## TRAINING

- ✓ 1998: Masters Degree in Electronics Engineering University of Aveiro
- ✓ 2019: Certified Machinery Safety Expert TUV NORD / Pilz
- ✓ 2021: BOSIET, GWO, MIST RelyOn Nutec / AIS
- ✓ 2022: 301V ICS Cybersecurity CISA
- ✓ 2022: 401V ICS Evaluation CISA

## LANGUAGES

