



Integration and field technician

Permanent position

Introduction

Miratlas is a start-up established in May 2018 based in the Southeast of France that completed its first fund raising in April 2022. We are developing rapidly and have triple our headcount in 2022. Our main market is Free Space Optical Communication between ground and LEO/MEO/GEO satellites and constellations.

We are a Ph.D and engineers company with a strong focus on R&D and data science. The FSOC application is a pretty new playfield that is developing fast with a strong interest of both academics and space and telecom industry.

Context and work description

We generate our own data from the instruments we conceive, build and deploy around the world. This instrument, called the Sky Monitor, embeds a variety of sensors, from thermal and visible allsky cameras to automatic seeing measurement systems mounted on an automatic tracking system.

Each system is completely assembled and full tested in our premises in Pertuis, and then installed in its operating location.

We need to complete our operation department to increase production capabilities and create an installation team to deploy our network.

You will be in charge of system integration and tests. That includes system assembly including optical component and sensors assembly and unitary tests, PCB soldering and wiring and complete system validation on the Sky Monitor Linux system.

You will deploy the systems on our own location or customer sites, drill holes, install aluminum profiles, bolts systems, align optical systems to their target and commission automatic systems.

Skills

You have a superior degree in a technical field (Mechanics or IT BSc or BTEC, License or DUT/BTS) with or without an experience in industry.

You have a good level in English and this is a mandatory requirement for this position.

You have some knowledge on Linux and Ethernet/IP networking.

You can use 3D printers and have basic knowledge in 3D conception with Solid Works.

You will travel alone in foreign countries (Europe, Americas, Africa, Middle East and AsiaPac) and your resourcefulness allows you to make your way through unexpected situation on site.

Being an amateur astronomer is a plus.

Position description

The position is in Pertuis. Travels are 50% of the time, a typical mission is 3 to 5 days.

You'll be reporting to our Operation Manager

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