



Job title *Communication Engineer for Astrocast*

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Job purpose

Astrocast is a new satellite constellation in development by ELSE to provide a low cost M2M communication service. Highly motivated engineers are required in order to finalize the system design and launch the first satellites.

Duties and responsibilities

The engineer will be in charge of the development of the M2M communication system. This includes:

- **Development, implementation and test of the M2M communication protocol**
- Supervise ground M2M terminal development executed by external suppliers
- Supervise space M2M payload development
- Interface with M2M data management team

Qualifications

- Bachelor or Master EPF/HES degree in Communication
- Knowledge on Software Defined Radio (SDR – GNU Radio)
- Knowledge on embedded software
- Experience on communication protocols and systems
- Basic knowledge on RF electronics
- Motivated, ready to work in a NewSpace company and able to operate effectively in a team
- English: professional working proficiency, French is an asset
- Knowledge on space technologies and ESA standards is an asset

Working conditions

- Start Date: As soon as possible
- Contract: long term mission, at least 1 year
- Activity rate: 80 - 100%
- Location: Lausanne