

Company Description

Aeroficial Intelligence is a forward-thinking Aviation IT company, based in Graz, Austria, and established in 2018. We have developed the Cockpit Suite, a cutting-edge software that delivers innovative technology for airports and air traffic control worldwide. We empower airports and airspace operators to optimize performance and efficiency by utilizing AI technology and Big Data.

At Aeroficial Intelligence, we believe that innovation is a team effort and success occurs across cultures, diversity and through motivation. We are convinced that we can only provide our customers with the best services and technology, if we provide a unique working environment for all our team members as well as a fun working atmosphere.

Join our passionate team and contribute to the next generation of operational intelligence in the aviation industry by boosting marketing to the next level!

Role Overview

We are looking for a technically curious and hands-on Geospatial & IoT Field Engineer to join our growing operations team. You will be responsible for planning, deploying, and maintaining our network of tracking devices across airport environments, using geospatial tools to map infrastructure and Linux-based embedded systems to run it.

This role is suited for someone who genuinely enjoys getting hardware up and running and watching data flow in real time.

Your Tasks

- Plan the physical deployment of IoT tracking devices across airport premises (airside and landside)
- Create and maintain accurate airport layout maps using GIS applications (QGIS) including runways, taxiways, aprons, terminals, and airside infrastructure
- Extend and update airport layout data to reflect infrastructure changes, new constructions, and operational modifications, ensuring datasets are always current and accurate
- Maintain the geospatial database of airport layouts, including version control, layer management, and quality assurance of spatial data
- Use GIS tools to map IoT device placements, sensor coverage zones, and tracking infrastructure onto airport layout layers
- Configure and maintain Debian or Raspberry Pi OS-based devices remotely
- Monitor live tracking feeds and troubleshoot signal, connectivity, and positioning issues
- Collaborate with airport operations and IT teams to ensure compliant and efficient installations
- Document deployment configurations, coverage data, and maintenance logs

Your Profile

- Hands-on experience with GIS applications (QGIS, ArcGIS, or similar) for creating, editing, and maintaining airport or large-scale facility layouts

- Understanding of geospatial data formats (GeoJSON, Shapefile, GeoPackage) and experience managing spatial datasets with version control
- Demonstrated interest in or experience with IoT devices — configuring, deploying, and operating them
- Working knowledge of Debian Linux or Raspberry Pi OS (CLI-comfortable, not just GUI)
- Ability to work in regulated, access-controlled environments such as airports
- Structured, detail-oriented approach to field work and documentation
- Fluent German and English (written and spoken)
- Highly autonomous, organized, and comfortable working independently

Preferred

- Familiarity with ADS-B (Automatic Dependent Surveillance–Broadcast) technology and aviation transponder data
- Experience deploying hardware in outdoor or industrial environments
- Basic networking knowledge (TCP/IP, DHCP, SSH, VPN)
- Basic Coding Skills and usage of LLM (Claude, Gemini, etc.)

Our Offer

- Work in a dynamic, entrepreneurial environment with a direct impact on company success by driving global brand awareness
- Shape the global aviation industry
- Opportunities for professional growth and development
- Exciting creative tasks with global impact
- Dynamic environment with flat hierarchies
- Flexible working arrangements
- Take responsibility and make independent decisions
- Regular team-building activities and social events to celebrate success

For this position, a collective agreement minimum salary of € 45.738 gross per year applies. Your actual salary will be market-based, considering your professional experience and qualifications. If interested, please send your application to jobs@aeroficial.com. For more information, visit www.aeroficial.com.