Mission Operations Support Engineer - Space Systems

Axient Systems B.V., Delft

Help prepare, support and operate the next generation of Dutch space missions.

At Axient Systems we are building sovereign Dutch space capability. From Delft, at the heart of the Dutch aerospace ecosystem, we develop advanced satellite systems for the Netherlands Ministry of Defence and other government and commercial customers. Our work spans mission integration, earth observation, secure communications, and space systems engineering. We are responsible for mission integration on PAMI-1, the satellite that will give the Netherlands its own optical space capability.

We are looking for a Mission Operations Support Engineer to help prepare and support the operational products and activities required to fly our satellite missions.

The Opportunity

You support the preparation and execution of mission operations. You report to the Mission Operations Lead and work day to day with the Senior Mission Operations Engineer and the Mission Operations Engineer. Together with them you manage the operational documentation, coordinate supplier deliverables, support testing and simulations and help prepare the operators for mission execution.

Once the satellite is flying you support the monitoring of spacecraft health and performance, identify anomalies early, document them and coordinate their investigation with the responsible engineers.

This is an opportunity to bring your experience from defence, aerospace or another complex technical environment into the space sector. You will be trained on our systems and have an experienced engineer alongside you for the parts you have not done before, and you develop specialist spacecraft operations expertise while contributing to a national satellite mission.

Key Responsibilities

- **Operational procedures and documentation:** Draft, maintain and control nominal and contingency procedures, checklists and operator manuals, and keep them consistent with the evolving spacecraft design.
- **Configuration management:** Maintain configuration control of the operational products: procedures, mission database versions, operator displays and their revisions.
- **Operational deliverables:** Track the operational deliverables from the engineering teams, suppliers and contractors, follow up outstanding items and support the technical reviews.
- **Training:** Prepare the training material and support the classroom, practical and simulator-based training that prepares the operators for mission execution.
- **Testing and simulations:** Support integrated testing, mission simulations and rehearsals: dry runs, procedure execution, result collection and discrepancy documentation.
- **Verification records:** Maintain the test results, as-run records and operational evidence required for verification, acceptance and the operational readiness reviews.
- **Operational monitoring:** Support spacecraft health and performance monitoring, identify unexpected behaviour, document anomalies and coordinate their investigation with the responsible engineers.

What You Will Grow Into

With an experienced engineer alongside you, you grow into:

- Validation of the mission database against flight software releases
- Procedure validation on the simulator and the FlatSat
- Ground segment integration and verification support
- A console position in rehearsals, LEOP and commissioning
- Product support and sustainment: maintenance concept, spares, obsolescence management and the support arrangement with the customer

Essential Qualifications

- Bachelor's or Master's degree in engineering or a related technical discipline
- At least three years of experience in operations, testing or in-service support of complex systems in defence, aerospace or a comparable regulated environment
- Experience developing and maintaining operational procedures and technical documentation
- Experience with configuration control of operational documentation
- Experience supporting testing, verification or acceptance of a complex system
- Experience preparing or delivering training for operators or technical personnel
- Able to analyse system performance data, identify deviations and document them
- Precise and disciplined with documentation and technical processes
- Fluent English
- On-site work in Delft, limited hybrid working possible
- Willing and able to undergo security screening (VGB-B) by the Dutch security services

Previous spacecraft experience is not required. We are particularly interested in candidates who have supported complex operational systems and want to develop specialist knowledge in spacecraft operations.

Desirable Qualifications

- Working proficiency in Dutch
- Experience with spacecraft operations, satellite ground segments or mission control systems
- Participation in a LEOP or commissioning campaign, or in integrated testing and simulation campaigns
- Experience with telemetry monitoring, mission databases or telecommand systems
- Experience with simulators or hardware-in-the-loop testing
- Experience with logistics, sparing or obsolescence management
- Experience handling anomalies on a system in service

What We Offer

Work on a mission that matters. Help prepare and support a strategically important national satellite mission.

Enter the space sector. Bring your experience in complex operational systems into spacecraft operations.

Learn from experienced specialists. Develop practical expertise in spacecraft operations, mission control, simulation and verification.

Develop your career. Build specialist knowledge and take on more technical responsibility as Axient's mission operations capability grows.

A market-aligned salary and benefits, and room to grow as the Dutch organisation scales.

Interested?

Apply via the vacancy on LinkedIn or the registration form on our website.

A positive outcome of Dutch national security screening (VGB-B), conducted by the Military Intelligence and Security Service (MIVD), is a condition of employment. You can read more about this on the website of the MIVD.

In your application, include a short example of an operational procedure, technical document or test record you prepared or maintained that was later found to be incorrect, incomplete or inconsistent: how the issue was identified, its potential impact, your contribution to resolving it and what was changed afterwards. Please also indicate the systems, operational products and test environments you have worked with.

This example is essential to our selection process and helps us assess your precision and judgement.