WHAT CHALLENGE WILL YOU BE TAKING ON?

In our team, you will design, validate, and maintain secure, high-performance network infrastructures supporting ground systems for space missions. You will also develop and implement network configurations, support system integration and validation, and work closely with multidisciplinary teams to ensure operational readiness.

Your main tasks in the areas of responsibility described will be:

🔗 Network Integration & Validation:

Design and implement Layer 2/3 network configurations including VLAN segmentation, IP subnetting, routing protocols (OSPF, BGP), and multicast distribution.

Execute end-to-end network validation procedures including latency profiling, throughput benchmarking, failover simulation, and packet loss analysis using tools like iperf, Wireshark, and PingPlotter.

Support AIV campaigns by provisioning and validating connectivity across isolated testbeds, operational LANs, and WAN links.

🛠️ Troubleshooting & Incident Response:

Perform deep packet inspection and root cause analysis across the OSI stack to resolve connectivity issues, protocol mismatches, and performance bottlenecks.

Apply security patches, reconfigure firewall rules (NAT, ACLs), and mitigate vulnerabilities such as rogue DHCP servers, ARP spoofing, or misconfigured routing.

⤜ Network Architecture & Documentation:

Maintain detailed network topology diagrams, IPAM databases, and configuration repositories using tools like NetBox, RANCID, or Git.

Document test plans, change requests, and rollback procedures in compliance with configuration management policies.

📈 Monitoring & Automation:

Deploy and tune SNMP-based monitoring systems (e.g., Zabbix, PRTG, Nagios) and integrate with log aggregation platforms (e.g., ELK Stack, Splunk).

Develop scripts and playbooks using Python, Ansible, or Netmiko to automate repetitive tasks and enforce configuration consistency.

🛡️ Change Management & Risk Assessment:

Evaluate the impact of network changes (e.g., hardware upgrades, topology redesigns, firmware updates) and provide mitigation strategies to ensure service continuity.

Simulate production-like environments to validate new configurations before deployment.

WHAT DO WE NEED IN OUR TEAM?

We are looking for experts in Network Engineering, Telecommunications, Computer Science, or a related technical field with background and interest in enterprise or mission-critical network environments, preferably in aerospace, defense, or satellite ground systems.

If this position sounds like the perfect fit for you, here's what we're looking for:

- Proficient in Ethernet, VLANs, STP, ARP, IP, TCP/UDP, OSPF, BGP.
- Hands-on experience with Cisco, Juniper, or Fortinet devices.
- Skilled in firewall configuration (NAT, VPNs, ACLs), IP routing, and network segmentation.
- Familiar with LACP, trunking, multicast (IGMP, PIM), and QoS policies.
- Advanced English proficiency (spoken and written).
- Strong analytical and diagnostic skills across multiple OSI layers.
- Excellent communication and technical documentation abilities.
- Comfortable working in high-availability, high-pressure environments.

We will also value previous experience, and knowledge in:

- Experience with Galileo Mission Segment or other space ground systems.
- Certifications: CCNP, CCNA, JNCIA, JNCIS, CompTIA Network+.

- Please note also that the role requires periodic travel to workshops, trainings, and on-site support services.

WHAT DO WE OFFER?

🕐 Hybrid working model and 8 weeks per year of teleworking outside your usual geographical area.

💻 Flexible start and finish times, and intensive working hours Fridays and in summer.

🚀 Personalized career plan development, training and language learning support.

🌍 National and international mobility. Do you come from another country? We can offer you a relocation package.

💰 Competitive compensation with ongoing reviews, flexible compensation and discount on brands.

💪 Wellbeing program: Health, dental and accident insurance; free fruit and coffee, physical, mental and financial health training, and much more!

⚠️ In our recruitment processes you will always have telephone and personal contact, face-to-face or online, with our talent acquisition team. In addition, bank transfers and bank cards will never be requested. If you are contacted through any other process, please write to our team at privacy@gmv.com

❤️ We promote equal opportunities in recruitment, and we are committed to inclusion and diversity.