



### **About Hughes Europe**

Hughes Europe is an operating, sales, and marketing organisation for Hughes Network Systems, LLC (HUGHES), an innovator in satellite and multi-transport technologies and networks for more than 50 years, provides broadband equipment and services; managed services featuring smart, software-defined networking; and end-to-end network operation for millions of consumers, businesses, governments, and communities worldwide.

<https://europe.hughes.com>

### **About EchoStar Mobile**

EchoStar Mobile Limited is an agile, innovative mobile operator that seeks to provide organisations with better value, productivity, and operational safety via its market disruptive approach to connectivity solutions. EchoStar Mobile is a subsidiary of EchoStar Corporation, a premier global provider of satellite communication solutions. We're an Irish company, with commercial operations headquarters based in the UK, a data centre in Griesheim, Germany, and a converged satellite and terrestrial network covering the UK, Europe, and Scandinavia. At EchoStar Mobile, we know how essential reliable communication is for business productivity, safety, and profitability. Our range of connectivity solutions has been developed to disrupt the way it's always been done. Addressing the need for resilience and flexibility, our services will keep customers' operations consistently connected with the agility to evolve alongside its needs and advances in digital technology.

We've future-proofed our solutions to take care of our customers' future communication needs.

<https://www.echostarmobile.com/>

## **Operations Engineer - Satellite Mobile (m/f/d)**

### **General Description of the Position:**

We are expanding our business activities and looking for an Operations Engineer who will be responsible for the sustaining engineering, testing, monitoring, and problem resolution of the core network for the Echostar Mobile system. This employee/candidate will collaborate with other groups to support systems, tools and diagnostic techniques for the Echostar 21 satellite operations, the ground network and delivery of services to end-users. The employee/candidate must have experience in 3G/4G packet core, VoIP/IMS core entities, and network design principles. Experience in the deployment, integration, and interworking of the various network elements/functions that make up these technologies is required. Operational experience of end-to-end 3G/4G packet core and VoIP networks in a service provider environment is highly desirable in conjunction with working experience in Virtualization platforms, Emergency Services, and Lawful Intercept. The employee/candidate should also have extensive knowledge of 3GPP standard protocols and interfaces.

### **Job Responsibilities:**

- Support end-to-end ground system operation
- Work with Core Network vendor and internal engineering teams to build and integrate the 3G/4G core systems into the end-to-end network
- Provide support for integration and maintenance of billing and provisioning systems, and various network monitoring systems
- Provide support for the establishment and maintenance of various interconnects required for Emergency Services, CALEA, and SIP origination and termination
- Document the various network configurations as implemented

- Once established, set up an alarm and outage monitoring regime
- Set up and maintain a network performance reporting regime
- Administrate core network security systems and processes
- Maintain internal web pages, databases, software tools, and file shares
- On-Call Support

#### **Minimum Qualifications:**

- Broad knowledge of 3G/4G packet core and IMS networks, as well as mobile packet data and IMS signaling, flows / Familiarity with 3G/4G 3GPP and IMS standards
- Working knowledge of IP networking, IP routing protocols, CoS, QoS, and DiffServ
- Experience with Huawei and/or Mavenir products and equipment is an advantage
- Experience in carrier networks, in all phases of design, engineering, build, operation and support
- Some experience with specialized services such as Emergency calling, CALEA, SIP origination, and termination
- Layer 1-7 LAN/WAN troubleshooting skills to provide root cause analysis.
- Linux Administration and Operation Experience
- Programming/Scripting skills related to automation
- Kubernetes Operation and Administration Experience
- 5 years of experience working in an operations center or design engineering environment
- BSEE/BSCE or equivalent 4-year university degree or commensurate experience in telecommunications engineering

**HNS Europe** is a dynamic company that offers excellent benefits and the opportunity to make a real difference. In return for your commitment and skills, you will be given the opportunity to shape and develop one of the most exciting growth markets today.

#### **Contact Information:**

Please send your application in English to:  
[HRGermany-Jobs@hugheseurope.com](mailto:HRGermany-Jobs@hugheseurope.com)

#### **Hughes Network Systems GmbH Human Resources**

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