

Platform Engineer, Operations & Maintenance

MUSE Offshore Wind Monitoring Platform

Location: Hørsholm (DK), Aarhus (DK) or Gdynia (PL)

Travel: Up to 30 days per year

Business Area: Offshore Wind & Environmental Monitoring

Help Protect Wildlife While Supporting the Green Energy Transition

At DHI, we combine cutting-edge technology with environmental science to help create a more sustainable future.

MUSE is DHI's integrated bird and bat monitoring platform designed for offshore wind farms. Operating in some of the most demanding environments in the North Sea and Baltic Sea, MUSE combines radar, cameras, AI-powered tracking, and industrial infrastructure to support scientific studies and informed operational decisions.

We are looking for an **Platform Engineer, Operations & Maintenance** who will ensure our deployed MUSE systems run reliably, securely, and continuously at customer sites. You will play a key role in maintaining mission-critical systems that collect environmental data used to support offshore wind development and wildlife protection.

Your Role

As an Platform Engineer, Operations & Maintenance, you will be responsible for the day-to-day operation, monitoring, maintenance, and continuous improvement of deployed MUSE platforms. You will work across infrastructure, networking, virtualization, containerized services, observability tools, security, backups, and incident response to ensure high system availability and data integrity. This role combines operational responsibility with opportunities to improve the platform through automation, tooling, and standardized operational practices.

Key Responsibilities

Operations & Reliability

- Monitor and maintain deployed MUSE platforms across customer sites.
- Ensure continuous platform availability, performance, and security.
- Investigate and resolve incidents involving infrastructure, networking, connectivity, virtualization, and applications.
- Support health monitoring, alert management, and performance optimization.

Monitoring & Incident Response

- Manage observability platforms and alerting systems.
- Detect, analyze, and respond to operational issues before they affect customers.
- Continuously improve monitoring dashboards and alert quality.

Backup, Recovery & Security

- Maintain and test backup and recovery procedures.
- Support disaster recovery and failover exercises.
- Maintain secure access controls, MFA, VPN connectivity, and system hardening practices.
- Support compliance with industrial cybersecurity standards and best practices.

Automation & Continuous Improvement

- Develop scripts and automation to improve operational efficiency and scalability.
- Improve operational documentation, runbooks, maintenance procedures, and recovery playbooks.
- Contribute to platform improvements and operational standards.

Project Support

- Support installation, commissioning, FAT/SAT activities, and site maintenance when needed.

- Occasionally travel to customer locations to support critical operational activities.

What We're Looking For

Required Skills & Experience

- Experience administering Linux systems in production environments.
- Hands-on experience with virtualization platforms and containerized services.
- Comfortable working with networking technologies, VPNs, firewalls, and remote access solutions.
- Experience with monitoring, observability, or operational support of critical systems.
- Strong troubleshooting and problem-solving skills.
- Experience creating and maintaining technical documentation.
- Comfortable working close to hardware and field-installed systems.
- Ability to automate repetitive operational tasks using scripting.

Nice to Have

- Experience with Proxmox, Docker, Prometheus, Grafana, or Loki.
- Familiarity with industrial or OT environments.
- Knowledge of SCADA integrations and OPC-UA.
- Windows Server administration experience.
- Experience with backup, disaster recovery, and high-availability environments.
- Familiarity with IEC 62443, NIS2, or industrial cybersecurity concepts.
- Experience supporting air-gapped or highly controlled systems.

Education

Whether your background is in engineering, IT infrastructure, industrial automation, electronics, or another technical field, we'd love to hear from you.

Language

- Professional working proficiency in English.

Who You Are

You are someone who:

- Enjoys solving complex technical challenges across multiple disciplines.
- Takes ownership and follows issues through to resolution.
- Values reliability, quality, and operational excellence.
- Understands the importance of clear documentation.
- Looks for opportunities to automate and continuously improve.
- Thrives in a collaborative, international environment.

Why Join DHI?

- Work on technology supporting the global transition to renewable energy.
- Join a team combining environmental science, software, infrastructure, and offshore operations.
- Help build and operate systems that have a real-world environmental impact.
- Be part of an international organization with opportunities for growth and professional development.
- Contribute to a product with a lifecycle measured in decades, where long-term thinking matters.

Interested?

We look forward to hearing from people who are passionate about reliable systems, operational excellence, and technology that makes a difference.