

 Lifelink for offshore wind

Uncertain environment.
Reliable communication
solutions.



Atos

Critical challenges

Wind. Solar. Tidal. Waves. Producing energy from renewable sources depends on nature. It's unpredictable. But you can act on safety of your workforce and operations.



Health and safety for workforces

Working in the offshore wind industry means working in an extreme environment with large assets spread over a wide area. In order to meet high HSE requirements, warn and localize workers in real time, having a reliable communication system is essential.



Security and reliability

One of the most important factors to secure offshore operations is a robust and reliable communication solution between all stakeholders and sites, enabling users to seamlessly coordinate their complex operations. The Lifelink solution is secure-by-design, and its architecture is made to support mission-critical purpose.

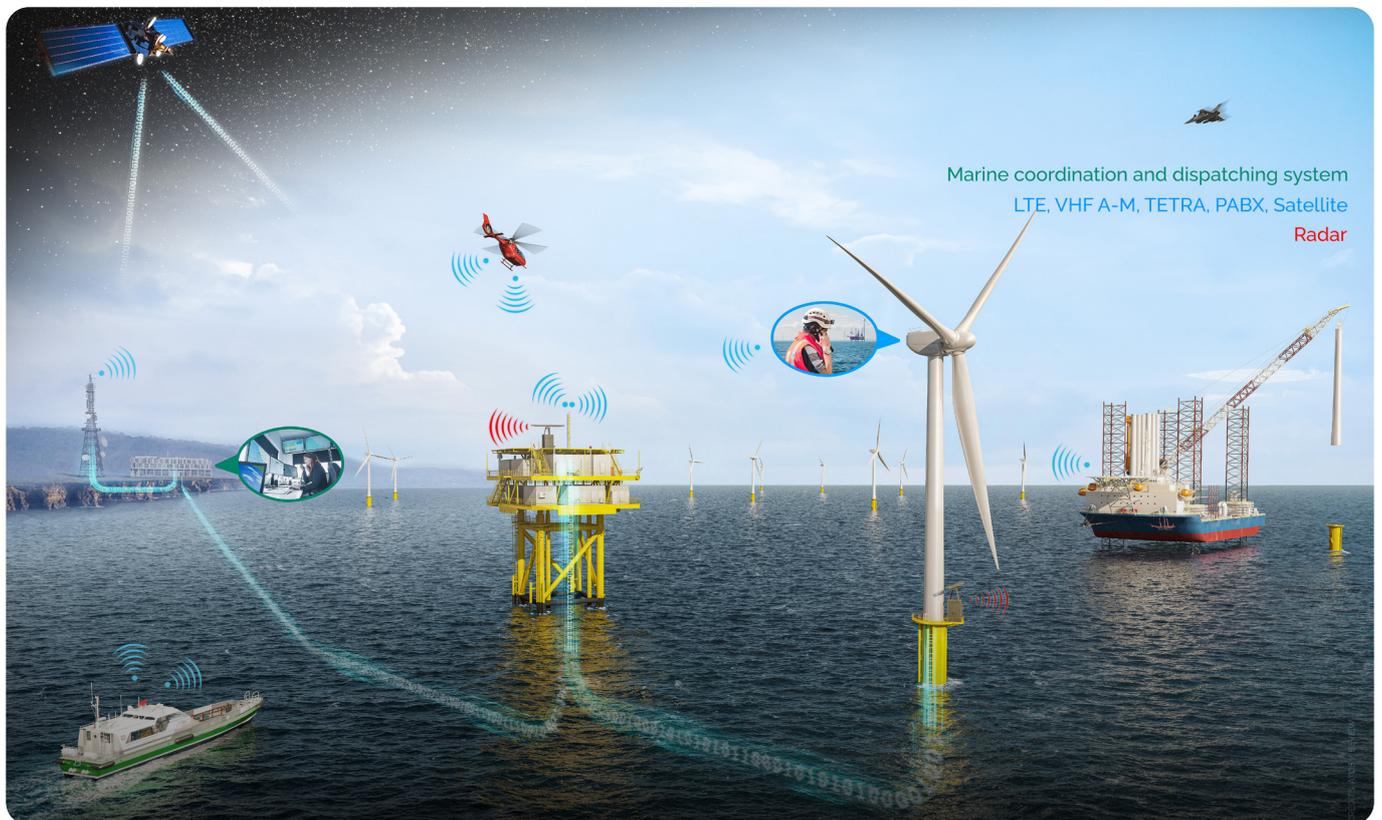


Operational efficiency

Building an offshore wind farm requires coordinating and connecting hundreds of workers, dozens of vessels as well as helicopters without any interruption. With the Lifelink integrated offshore wind solution, you can benefit from a field-proven system with cost-saving synergies.

From construction until the end of O&M phase, we cover the whole life cycle of your offshore wind farm.

We safely connect your workforce. Anytime. Anywhere.



Turn-key solutions for 4 mission-critical use cases

As single integrator, Atos manages the complexity and offers modular solutions design to fit your highest requirements.

Field communication



- Highly reliable communication between all stakeholders (field force, marine coordination, back-office, rescue service)
- Seamless communication through a multi-radio solution
- Emergency call and warning
- Voice recorder

Situational awareness



- Marine coordination
- Tracking people, vessel & helicopters
- Smart fleet, workforce and asset management
- Permit to work
- Weather forecast
- CCTV

Data connectivity, 4G/5G



- Broadband connectivity
- Access to corporate data
- Emails, video conferences, internet
- Fully functioning office
- Drone operation

Consent compliance



- Air defense radar
- Navigational radars for coast guards / Navy
- Obstruction Lights System On Demand
- Bird monitoring, deterrence



Indoor communication



Permit to work and People tracking



Professional Mobile Radio (TETRA / MCPPT on LTE)



Communication and Data integration



Marine coordination and Tracking



Broadband communication "Mobile office" (LTE)



Airtraffic communications and Tracking



Air and Maritime radars



Professional Mobile Radio, Mobile office and Tracking

offshore



Lifelink Multinet Dispatcher and Recorder

onshore



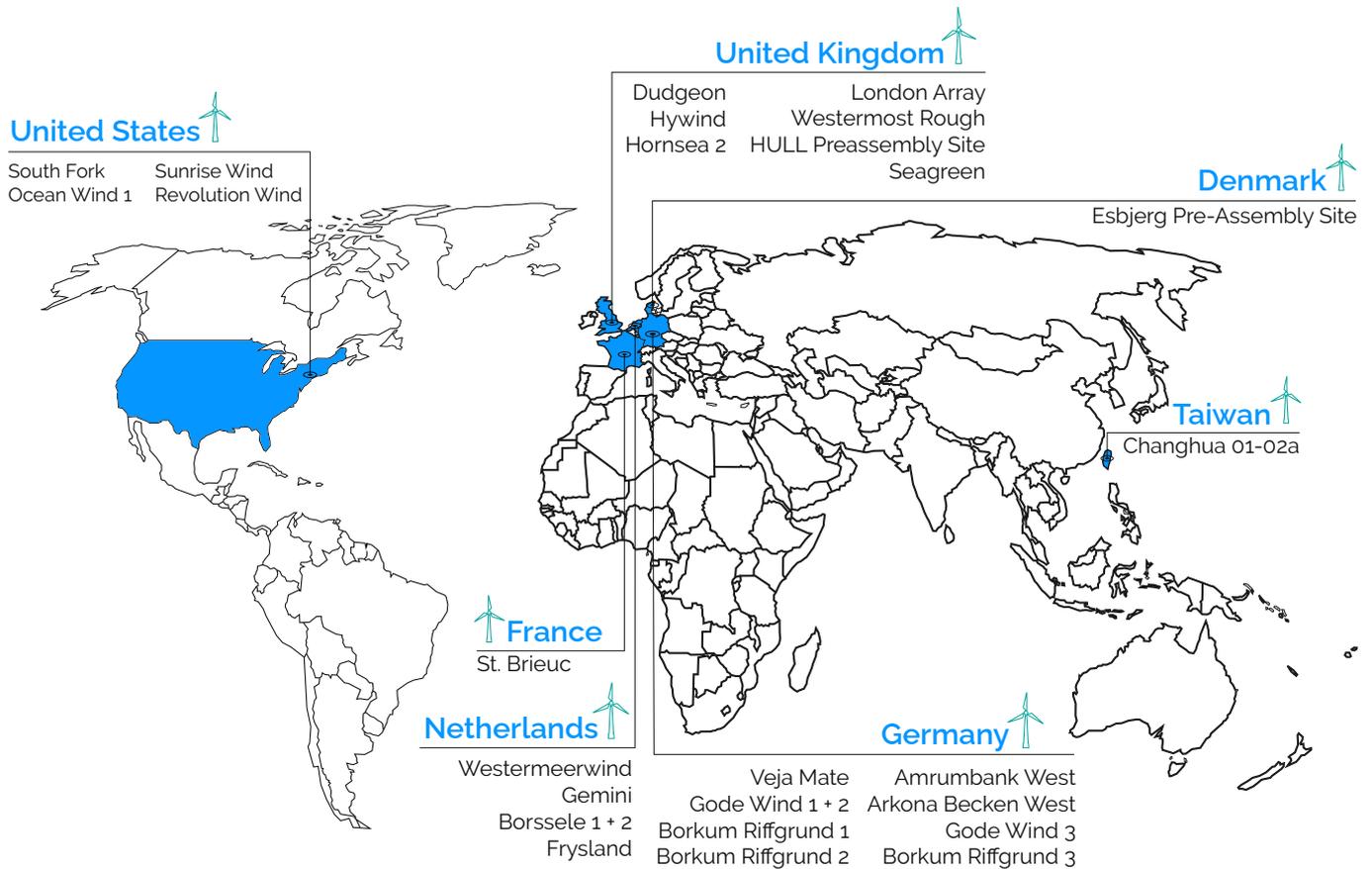
Sea and Site surveillance

Marine and Site management

Cybersecurity

Marine Coordination Center

Atos, worldwide partner for critical communication solutions in offshore wind farms for 15 years



1500

wind turbine
generators

30

offshore wind
farms covered

11

GW
generated

About Atos

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Let's start a discussion together



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