

Meeting the challenges of wind farm operators and developers

Setting up and operating **offshore wind farms** is utterly challenging. As a **developer or operator**, you need to navigate numerous technological complexities, logistical challenges, and harsh environmental conditions. In addition, your offshore wind project faces many regulatory hurdles, from site selection, over design, installation, operation and maintenance, to decommissioning, which all can delay project timelines.

Offinity, a fresh breeze in offshore innovation

e-BO Enterprises understands these challenges as no other. We have been in the **offshore industry** for over a decade and have been delivering innovative digital solutions for critical industries for twice as long. Offshore wind farms across the globe trust e-BO Enterprises for delivering **robust and scalable digital infrastructure** that supports their operations from inception to decommissioning.

Peace of mind, from design to managed services

Offinity offers developers and operators the highest peace of mind, from the wind farm's design to its operation. We work closely together with you from the start and offer a comprehensive range of delivery and managed services that ensure seamless operation.

Your digital partner for offshore projects

Why Offinity ?

A future proof digital blueprint, easily adapting to changes and growing with your business and data needs

A 360° view on your operations, maximizing your performance and return of investment

Simplified experience through automation, reducing human errors and increasing operational safety

A modular digital offering with compliant building blocks, reducing commissioning time and costs

Reliable and secure connectivity, linking your assets and people with trust

A proven end-to-end offering, by a technology leader that is **committed to the offshore renewable energy industry**

globally
connected

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South Cave

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e-BO Offshore GmbH
Hamburg

Taiwan

e-BO Industries APAC Inc
Taipei City

with trust



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Accelerate and streamline your wind farm operations



Connect with trust,
navigate as one

A digital backbone to connect with trust

Investing in a robust infrastructure is the best option to ensure timely commissioning and smooth, secure operations of your offshore wind farm. A strong digital foundation ensures stable communication and data links, protects your assets, and keeps your team safe.

Offinity's digital backbone provides the reliability you need for your mission-critical operations: secure offshore connectivity from the wind farm to the control room, scalable computing power and storage to process wind farm data, and robust communication to keep offshore workers safe.



Kickstart your wind farm project with digital building Blox

Our digital building blocks enable you to set up your backbone fast and with confidence. Blox offers a comprehensive suite of hardware, virtual, and cloud solutions for the entire turbine-to-control-room value chain. Customizable to your exact requirements, Blox accelerates commissioning and reduces the total cost of ownership.



Reliably Link your wind farm to the control room

We offer reliable, cost-effective connectivity solutions that ensure seamless communication between turbines and control rooms. Our mobile and fixed connectivity, network, and communication solutions link systems, data, and personnel both on- and offshore. We help select the optimal solution for each lifecycle phase, maximizing your wind farm's uptime and efficiency.



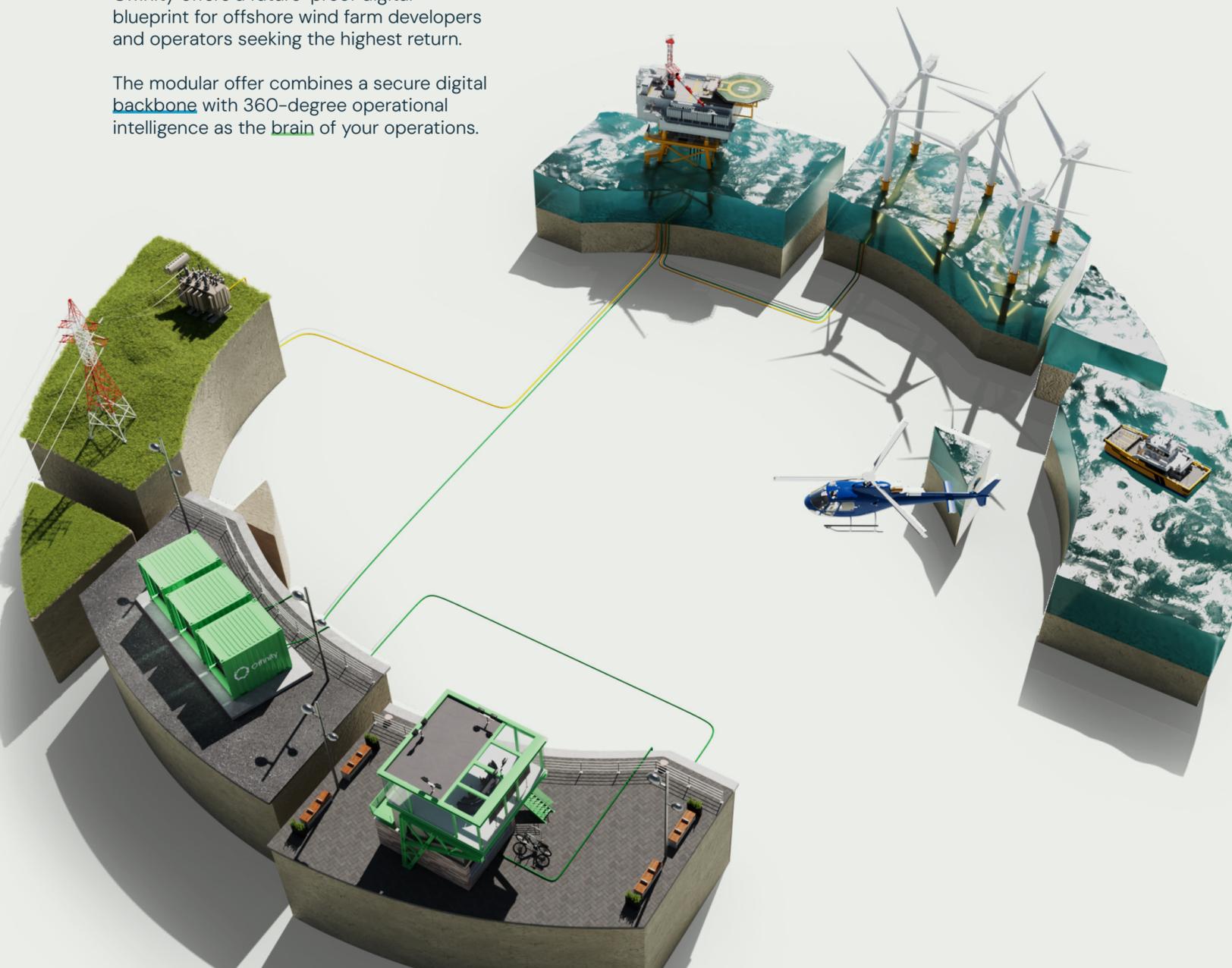
Guard your wind farm assets and workforce

Our integrated security and safety solutions safeguard your on- and offshore assets, workforce, and reputation. Offinity's industrial cybersecurity solutions protect your digital assets from cyber threats. For added peace of mind, we offer cyber insurance and managed security services to wind farm developers and operators.

A smarter way to unlock your full energy potential

Offinity offers a future-proof digital blueprint for offshore wind farm developers and operators seeking the highest return.

The modular offer combines a secure digital backbone with 360-degree operational intelligence as the brain of your operations.



A digital brain to navigate as one

Building and managing offshore wind farms requires the coordination of numerous stakeholders, vendors and teams. This generates huge volumes of data from various critical assets, a challenge that grows exponentially with the expansion of your wind farm portfolio.

Offinity's digital brain seamlessly integrates your wind farm data from multiple applications and stakeholders, and transforms it into operational clarity and real-time insights.



Navigate from a single operational view with Offshare

Offshare software offers a centralized view of your data sources, allowing you to manage the daily operations and resources of all offshore wind farms in your portfolio in real time. Automated and collaborative workflows enable you to reduce your team workload, simplify compliance procedures, save time, and prevent costly human errors.



Gain insights from design to operations, with our Loop partners

Our Loop partner ecosystem enhances Offshare with integrated apps that provide deeper insights into assets and energy production, including wind farm modeling, operations monitoring, production optimization, and more.