



If your ports could talk, what would it say? Achieve optimal, affordable and effective operational synergy with IoT.nxt's market-changing IoT solutions. Resolve your business challenges through our world-class innovation which allows your sites to communicate clearly to you, from anywhere, globally.

Business challenges

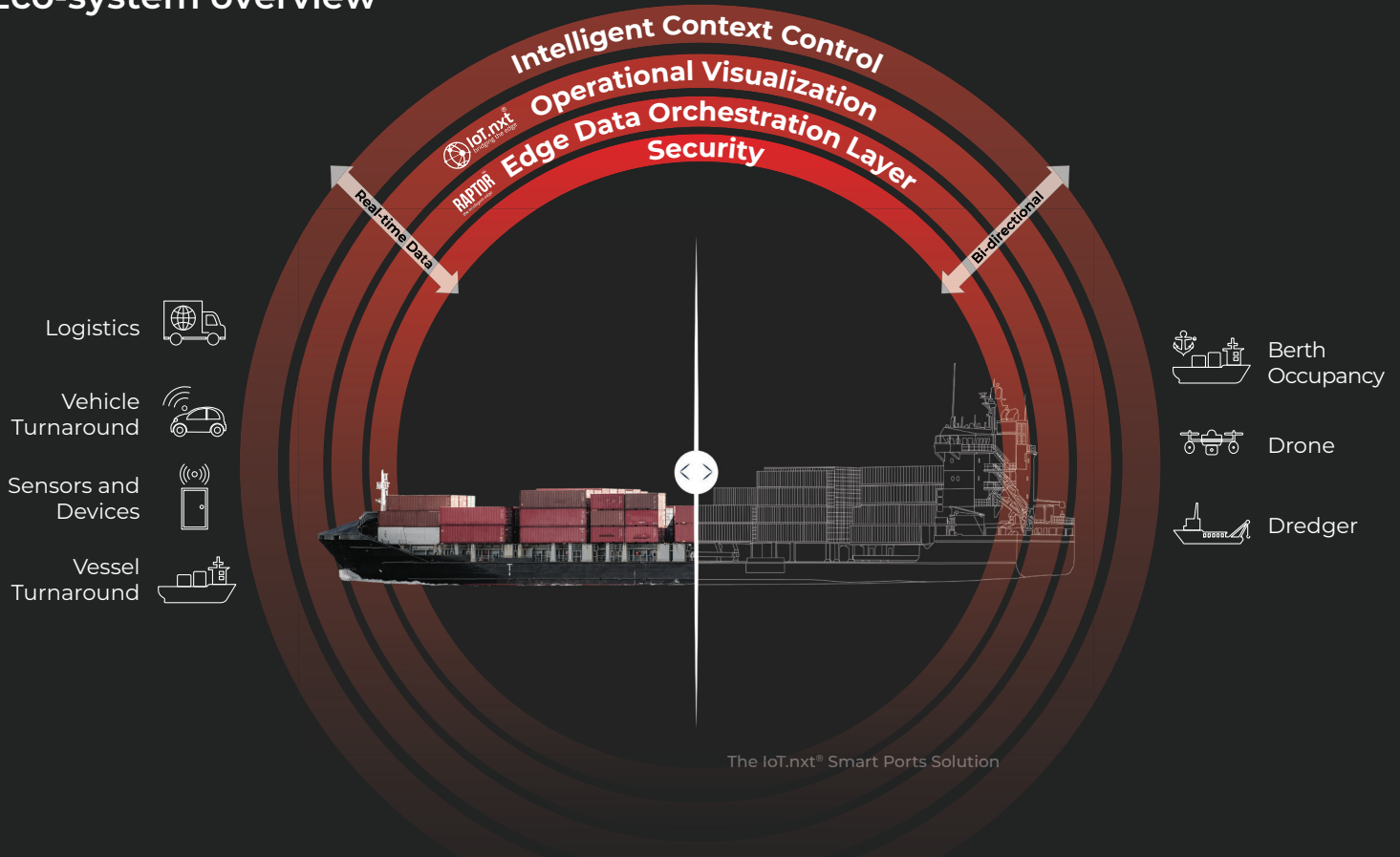
You achieve more success in your organization when there is seamless interaction between its many parts. When there is not, the business suffers. Achieve optimal, affordable and effective operational synergy with IoT.nxt's market-changing IoT solutions. Resolve your business challenges through our world-class innovation. Common business challenges facing the ports industry:

- Fragmented multi sub-systems affecting operations.
- Lack of sensor data obscuring operator behavior and real-time insights into deviation against planning systems.

The IoT.nxt® solution

Get real-time information about your heavy equipment, including cranes, straddles, haulers, bowlers and all endpoints, using IoT.nxt's world-class Raptor™ smart edge gateway along with telematics and sensors. All views are tailored to the specific needs inside your organization, using our Web Commander visualization tool to track and monitor machinery in your environment in straight-forward and business-ready intelligence. Paired with a BI solution, you can drive efficiencies and improve vessel turnaround times by analysis and improving process performance across the yard.

Eco-system overview



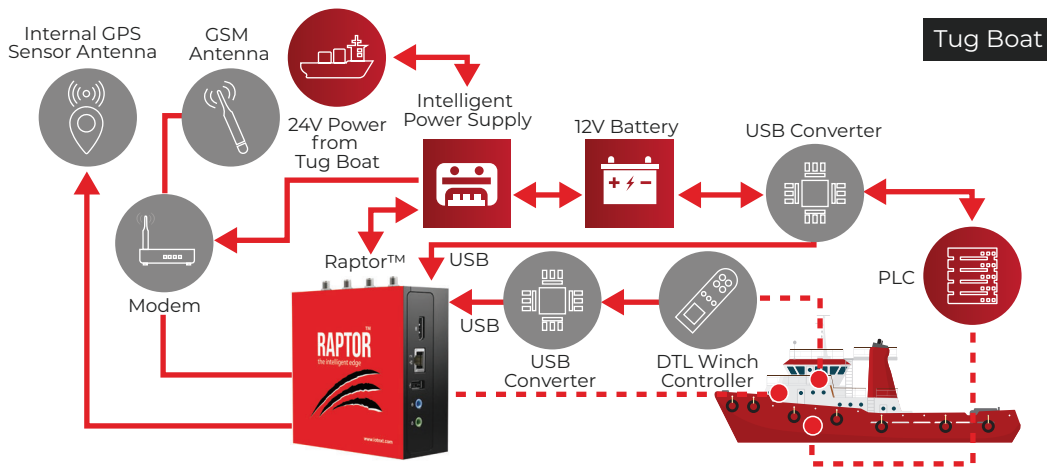
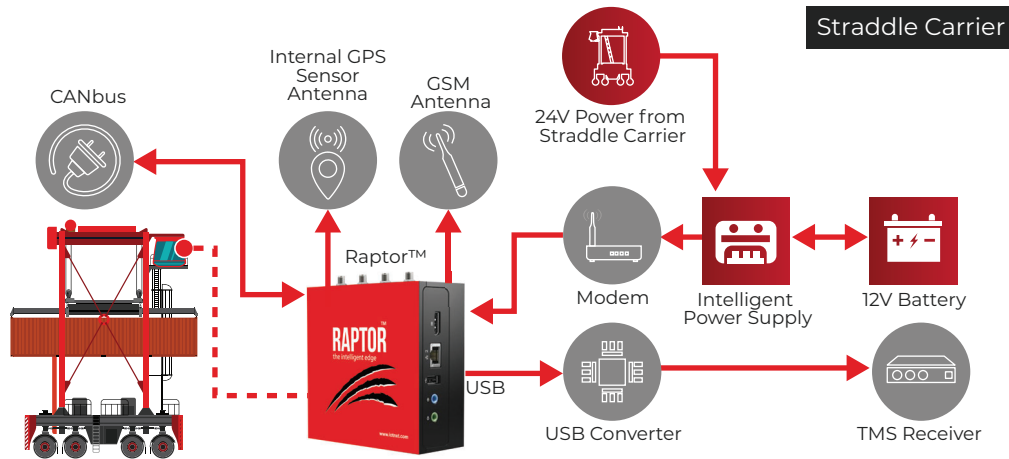
Areas of integration

- Direct integration into cranes, straddle carriers, haulers and bowlers.
- Additional sensors added at critical points throughout the operation.
- Integration into planning and maintenance systems.

Our integrated solutions are underpinned by IoT.nxt's Raptor™ smart edge gateway, a world-class system that ensures your business remains ahead in the time- and load-sensitive ports industry.

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Optimizing your business eco-system needn't be complicated.



Solution benefits

Monitor toxic gas leaks and weather conditions in real-time, enabling your organization to proactively plan for shutdown and commissioning activities – a dramatic reduction in downtime. You'll also have real-time visibility into equipment movement: deploy agile and dynamic changes in the port, leading to massive gains in overall efficiency.

- Efficiency - Visibility into overall operations, highlighting inefficiencies to addressed.
- Health and Safety - Real-time monitoring of environmental conditions, alerting operators immediately as thresholds are reached.
- Productivity - Reduced downtime, which will drastically improve productivity.

What makes our offer unique?



Rapid digitization



Intelligent filtering of data at the edge



Real-time in-shift optimization of operations



Integration of analog and digital, legacy and new devices



Quick implementation with no disruption, retrofitting our technology to create interoperability between new and legacy infrastructure and equipment



Consolidation of business-wide processes and data



Remote monitoring and management of businesses

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