Expeto NeXtworking™ enables the "Port of the Future" today

eXpeto

Automate workflow while improving efficiency and safety.

Port Operators are under pressure to boost efficiency throughout terminal operations, whether by optimizing manned operations or increasing automation across their berth, yard, rail and road traffic. In these operations workers are conducting operations in hazardous environments with autonomous cranes and vehicles all in close proximity. Operation efficiency includes rolling out such "smart port" concepts like workflow optimization, and "reefer monitoring" for real-time feedback on refrigerated assets. Use of AR and video streaming technology avoids lost time, equipment downtime and truck rolls. Massive machine type communications (mMTC) are required to handle the heavy volume of sensors to collect safety data from ships such as carbon monoxide emission levels. Today's Wi-Fi networks are limited in their ability to support these new technologies on a single, secure network.

That is why port operators turn to the Expeto NeXtworking platform. Expeto provides the high bandwidth and device density needed to scale to the thousands of data points for seamless collaboration between humans and Autonomous Mobile Robots (AMRs), helping to increase productivity and efficiency. We are the only "carrier-grade" enterprise wireless platform to extend public and private mobile networks as one secure corporate WAN with full data path control that is as easy to manage as Wi-Fi. Port operators can segment networks for different use cases and support cellular networks on their own terms – open to any G, radio network or cloud – with a containerized solution that sits behind the firewall so your security architecture remains unchanged.
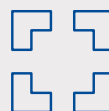
Increase efficiency of port operations.

Automate workflows and improve monitoring of containers, ship emissions, and predictive maintenance on cranes and autonomous equipment.

Enable more data and digital applications.

Leverage new technologies like Augmented Reality (AR) and video streaming to support remote predictive maintenance activities.

Reduce logistics costs.

Sensor technology allows control of port traffic lights, railway switches to improve guiding port traffic to reduce congestion and transport delays.
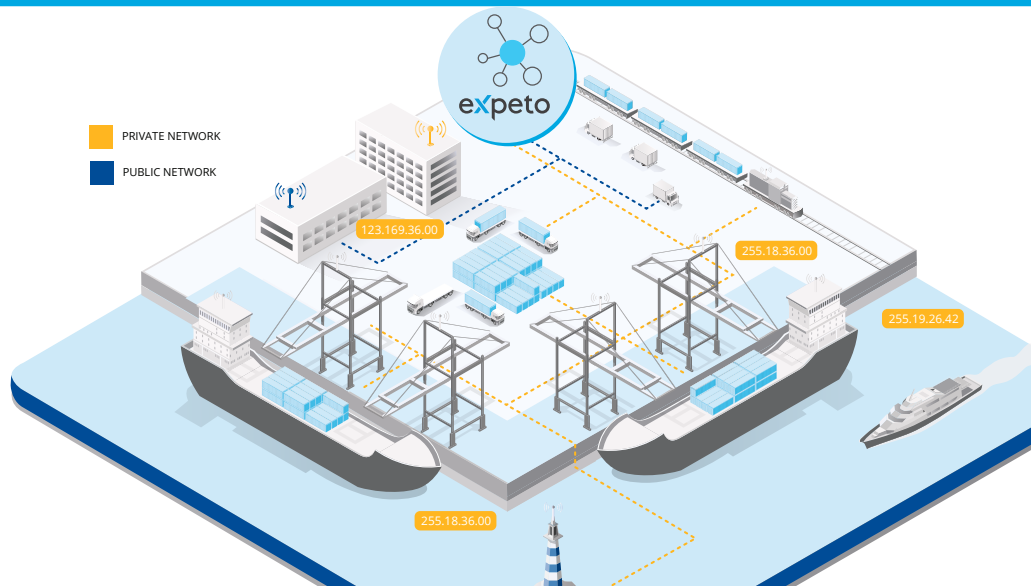
Increase security, and worker safety.

Worker fatigue monitoring allows safer interaction and situational awareness protects workers around autonomous cranes and vehicles in high activity areas.

your network. your way.

- Reduce damage to perishable goods by 90%
- Reduce congestion and traffic
- Predictive maintenance reduces truck rolls

☐ 313260101001119	AWS	4G Remote WFH	70.45 MB	100.64.10.2 (4G)
☐ 313260101001123	Google	Enterprise HQ	52.33 MB	100.64.10.220 (4G)
☐ 313260101001286	Azure	CBRS 5G Factory	229.56 MB	UNREGISTERED
☐ 313260101001287	AWS	Private LTEDC	71.13 MB	UNREGISTERED

PRIVATE NETWORK
PUBLIC NETWORK

123.169.36.00
255.18.36.00
255.19.26.42
255.18.36.00

Why Expeto?

Expeto's patented Enterprise First™ NeXtworking™ platform is purpose-built for hybrid public and private networking as well as hybrid cloud and edge computing. Deployed as containerized software that installs behind your firewall, the Expeto NeXtworking platform allows you to create mobile private networks with end-to-end data path control. Additionally, granular control through the xControl Center allows you to create dynamic network segments, prioritize traffic or select networks for redundant, automatic failover. Now you have the SIM management and control to assign IP addresses, create wireless vLANs and assign devices to prioritize traffic without involvement or disruption from your wireless provider. networks as one, control data like never before and trust wireless like a private 5G/LTE network.

- **End-to-end data path protection** and control across all networks, clouds, SIMs and enterprise segments.

- **Open standards-based on 3GPP** solution that works with any hardware, device or cloud.

- **Private IP Addressing** gives full control of IPs and the ability to remain consistent across various infrastructure (private, public, vLAN, network segmentation)

- **Deployed inside your firewall** to become an extension of your corporate security architecture – no need to change anything from a security perspective.

- **Quality of Service (QoS)** provides the ability to configure end-to-end and dynamically change priorities based on situation, use case or user needs.

- **Manage all wireless as one** as one with the ability to deploy, provision & manage services and devices across all wireless networks remotely – one single pane of glass regardless of carrier, cloud or device.

- **Redundant failover** to keep your data safe and provide resiliency against natural disasters, catastrophic events or application glitches that may cause network outages.

Our Enterprise First™ Commitment

It's your data, protect and control it like never before

It's your SIM, assign them to vLANs as easily a wired network

It's our network, make it as easy to manage as Wi-Fi

It's your security, bring the edge behind your firewall

It's your budget, pay-as-you-go

your network. your way.

expeto

visit www.expeto.io