

# Our private mobile network solutions bridge the gap between today's demands and tomorrow's possibilities

Is your logistics operation ready to lead in a world driven by automation?

Warehousing and logistics are evolving rapidly as customer demands and operational complexity increase. To meet these challenges, Industry 4.0 technologies such as IoT sensors, autonomous robots, and smart shelving are becoming essential. However, achieving their full potential requires fast, reliable, and seamless connectivity across the entire facility—both indoors and outdoors. BAI Communications' Private Mobile Networks (PMNs) deliver the advanced connectivity needed to unlock these innovations and drive operational excellence.

PMNs enable real-time inventory tracking with industrial IoT sensors and smart shelving that provide accurate data to optimise stock levels and prevent shortages.







Autonomous mobile robots (AMRs) and automated storage systems connected via PMNs streamline order picking, packing, and shipping, reducing errors and improving fulfilment times. These automation systems operate safely and efficiently with uninterrupted connectivity, ensuring continuous performance even during peak demand periods.

These automation systems operate safely and efficiently with uninterrupted connectivity, ensuring consistent performance.

A PMN provides your facility with the flexibility and scalability to adapt and grow seamlessly. IoT devices, sensors, and automation can be updated and managed remotely in real time, while the network effortlessly scales to accommodate additional devices as operations expand.

With a private mobile network dedicated to your operations, sensitive data remains private and secure, protected by encryption and access controls.

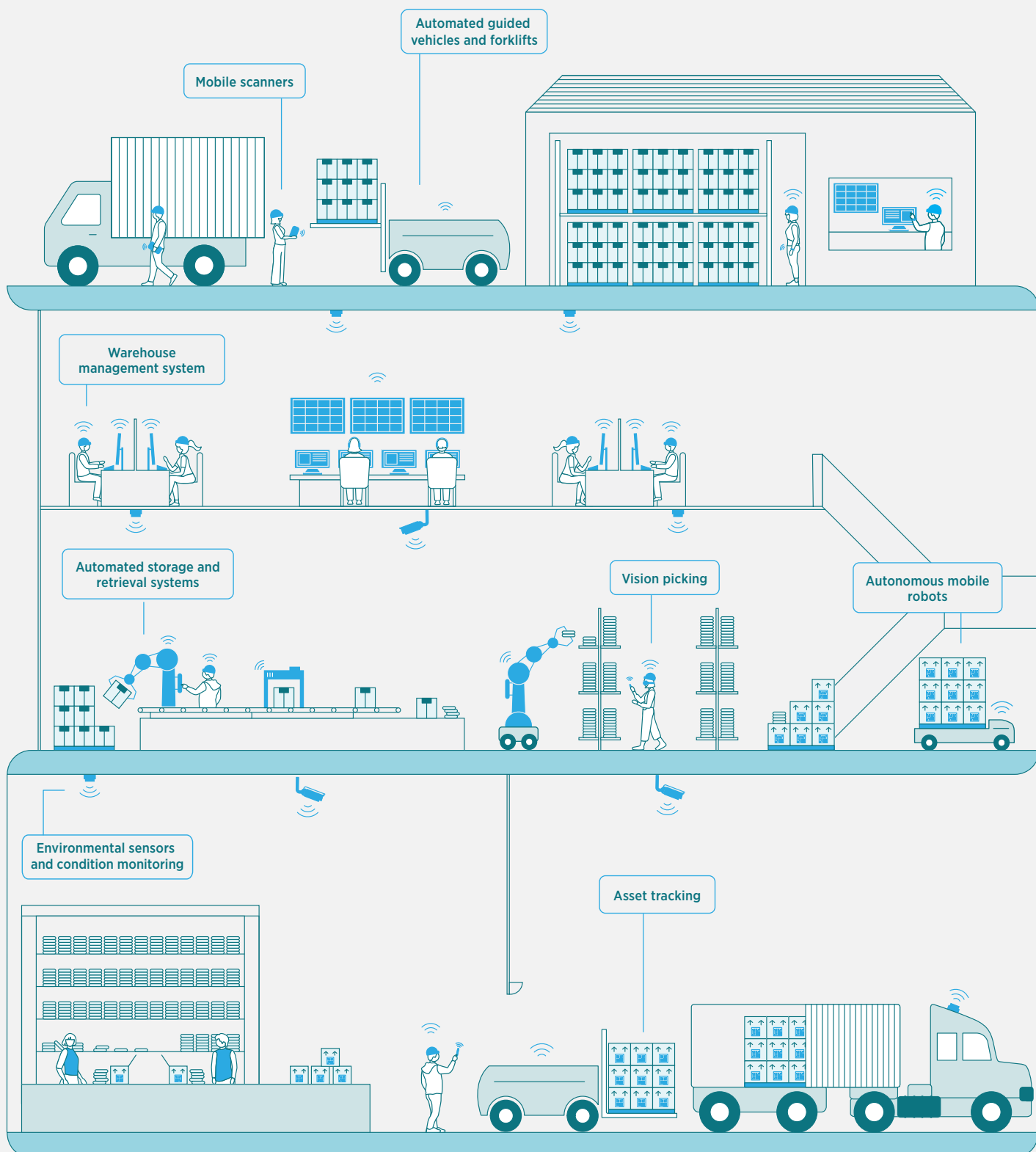
Partner with BAI Communications to bring these capabilities and more to your warehouse.

Features	Benefits
 <b>Widespread coverage</b>	Connect all your users and devices anywhere throughout your facility, using licensed spectrum for greater reach and reliability.
 <b>Robust security</b>	Only your trusted devices can access the network, with data retained inside your network perimeter.
 <b>High speed and low latency</b>	Enables applications that demand fast data speeds or ultra-reliable, low-latency connectivity through smart QoS policies.
 <b>Uninterrupted mobility</b>	Seamless handovers between radio nodes ensure network service continuity aboard vehicles and for other non-stationary use cases.
 <b>Assured performance</b>	Exclusive access to network resources that delivers high availability and reliability, backed by service-level agreements.
 <b>Voice and Video communication</b>	Voice and video calling to keep staff connected. Mission Critical Push-to-Talk communications options for enhanced reliability and access.



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# Transforming warehouse operations for the future



## Contact us

Discover how BAI's private mobile network solutions can revolutionise your warehouse operations:  
[baicomunications.com](http://baicomunications.com)



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