

# Unlock secure, uninterrupted connectivity with our Private Mobile Network solutions

Power up your plant's electrification and energy transition with a resilient connectivity network.

Energy utilities are undergoing a significant transformation, driven by the national shift toward more sustainable energy sources. This evolution presents an opportunity for unprecedented growth and innovation across the sector. As demand for clean energy rises, utilities must adapt to meet new operational challenges while embracing the latest technological advancements.

The transition to sustainable energy requires utilities to ensure secure, reliable communication between critical assets, employees, and operations centres—often spread across vast, remote areas. Current networks often lack the resilience and security needed to support this new era of energy production, leading to operational inefficiencies.

Private Mobile Networks (PMN) offer a tailored solution, providing dedicated infrastructure and licensed spectrum to deliver reliable wireless coverage throughout large facilities. Whether it's facilitating communication during construction or managing thousands of industrial sensors in real time, our PMN solutions enhance operational efficiency and ensure energy resilience in a dynamic and rapidly evolving industry.

## Features



**Widespread coverage**



**Robust security**



**High speed and low latency**



**Uninterrupted mobility**



**Assured performance**

## Benefits

Connect all your users and devices anywhere throughout your facility, using licensed spectrum for greater reach and reliability.

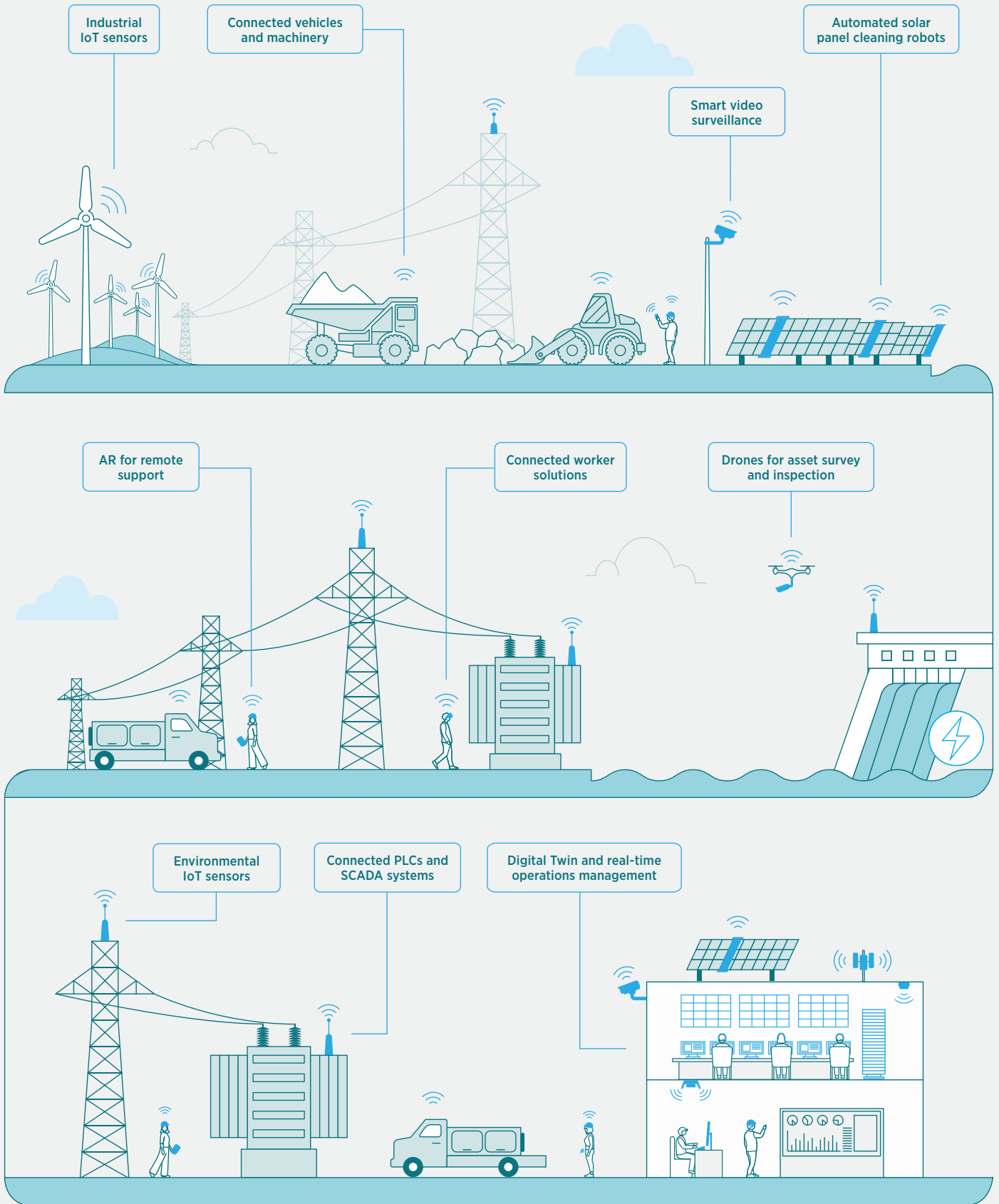
Only your trusted devices can access the network, with data retained inside your network perimeter.

Enables applications that demand fast data speeds or ultra-reliable, low-latency connectivity through smart QoS policies.

Seamless handovers between radio nodes ensure network service continuity aboard vehicles and for other non-stationary use cases.

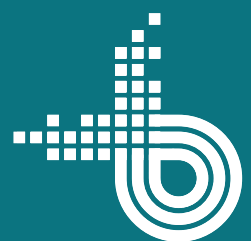
Exclusive access to network resources that delivers high availability and reliability, backed by service-level agreements.





## Contact us

Find out how BAI's private mobile network solutions can connect everything and anyone in your utilities operations: [baicomunications.com](http://baicomunications.com)



**bai communications**