

## BlueWireless use Poynting antenna to improve Connectivity in Remote Industrial Areas.



### Project Info:

**Customer:** Hertel Industrial Services.

**Location:** Sebarok Island, Singapore.

### Partners:

Blue Wireless - <https://www.bluewireless.com>

Cradlepoint - <https://www.bluewireless.com/cradlepoint>

### Poynting Product:

XPOL-2 High Gain MIMO Antenna

<https://poynting.tech/product/xpol-2/>

<https://www.bluewireless.com/poynting>

Email: [info@poynting.tech](mailto:info@poynting.tech)

<http://poynting.tech>



### Background

Blue Wireless, is a Wireless Network Service Provider with offices in Singapore, Malaysia and Australia. They provide flexible network access for branches, remote sites, maritime and IOT implementations using the latest 4G/LTE technology. They provide solutions that include Poynting Antennas and Cradlepoint Routers to customers.

### The Challenge

Sebarok Island is an industrial island located at the Southern coastline of Singapore. While there are extensive oil storage and refueling facilities, wired internet connections are unavailable. Companies and staff working on the island have been trying to use mobile connectivity but experiencing poor performance and regular network disconnects.

Hertel, a leading international industrial services company contacted Blue Wireless to provide a reliable connectivity solution for its operations team on the island.

### The Solution

Blue Wireless installed a Cradlepoint AER 1600 router in combination with Poynting's XPOL-2 LTE MiMo Antenna and Blue Wireless 4G/LTE Multi-network Data plan.

Cradlepoint enables intelligent cloud management of the connection while the Poynting XPOL-2 antenna is ideal for remote sites as it has a high gain that ensures a stable, high quality connection with higher data throughput for users.

### The Result

The Cradlepoint-Poynting solution improved network performance for the remote site by a factor of 20 times with download speeds increasing from 1.5Mbps to 40Mbps.

Blue Wireless monitors the connection proactively using Cradlepoint NetCloud and ensuring the Hertel team at Sebarok enjoys reliable connectivity for their business operations.

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*“The customer saw their internet speed increase dramatically from 1.5Mbps to 40Mbps after Blue Wireless installed their 4G Dataplan with a Cradlepoint router and Poynting MiMo antenna.”*

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High gain MIMO antenna at a remote office in the South of Singapore.