



## LoRaWAN NETWORK

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# COMSOL IoT CONNECT

## Our Network

The Internet of things (IoT) is a key strategy of any business wanting to ensure efficiency and visibility of their operations. This might include tracking an asset, monitoring the electricity or water consumption or turning on or off a light – all remotely.

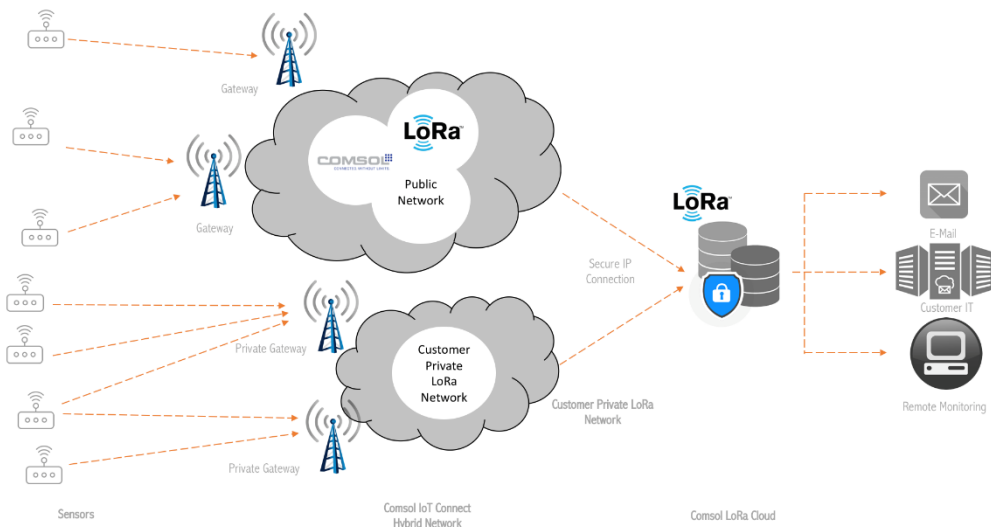
Comsol's LoRaWAN network is the ideal platform for any business or individual wanting to leverage the true power of IoT. Traditional Bluetooth, Wi-Fi and GSM connectivity services are typically more expensive, of lower range and can be more complex to manage. The **Comsol IoT Connect** network offers a simple way to connect your sensors, devices and instruments to the Cloud to monitor and control "things" from anywhere.

## What can I connect to the network?

Any device, sensor or tracker that is LoRa enabled can be connected back to a central platform. Once these devices are connected to the network our platform allows you the freedom to securely pass on the information generated by the devices to your IT infrastructure or systems. Smart farming, asset tracking and facilities management are just a few of the use cases that can use LoRaWAN.

## How does it work?

The **Comsol IoT Connect** network is a secure, resilient network that covers the major metropolitan areas and is rapidly expanding across the country. The network allows you to connect any LoRa enabled device to a central platform that gives you control and visibility of your ecosystem.



## What if I don't have coverage?

Should you not be in one of our publicly covered areas, there is an option to purchase a Managed LoRa Gateway. Comsol will deploy a bespoke network for your specific use. Managing all aspects of the network, platform, security and backhaul to connect you to our Cloud.

We will give you the peace of mind when deploying a network that the coverage and resilience you require are taken care of.

## Pricing

A key benefit of the **Comsol IoT Connect** product is the **cost-effective** way you can connect devices to a network. There are various models to suite both enterprise and wholesale customers.

## Network Costs

	Minimum Order Quantity					
Number of devices	101-1000	1001-5000	5001-20000	20001-50000	50001-100000	1000001+
Cost per device per month (ZAR)	R 5	R 4,55	R 3,97	R 3,38	R 2,87	R 2,44

## Gateway Costs

Product	Description	QTY	Once Off
Pico LoRa Gateway	Tracknet Indoor Gateway for LoRaWAN, 868 MHz (Ethernet)	1	R 2 200,00
SME LoRa Gateway	Multitech Outdoor Gateway for LoRaWAN, 868 MHz (With GSM)	1	R 20 000,00
Enterprise LoRa Gateway	Cisco Outdoor Gateway for LoRaWAN, 868 MHz	1	R 26 500,00

## Fine Print

- Pricing excludes VAT.
- Minimum monthly bill of R500.
- Tracknet Gateway requires a broadband router with internet access.
- Outdoor Gateways require GSM SIM's and/or other Ethernet broadband internet access.