



Hong Kong International Terminals optimises data centre operations with an IoT-enabled indoor air quality monitoring solution connected to the 0G Network

The Challenge

Hongkong International Terminals Limited (HIT) needed a solution to monitor remotely temperature and humidity in its data centres across nine different terminals at the Port of Hong Kong.

The Solution

HIT chose IoTTree to deploy an IoT-enabled solution to remotely monitor the indoor air quality across its data centres at the port. Sensors monitor temperature and humidity and share that information to a centralised web portal, via the Thinxtra 0G Network, to improve decision-making

The Results

IoTTree's solution to remotely monitor indoor air quality in its data centres let HIT achieve:

- **24x7 monitoring** of temperature and humidity levels
- fast issues **identification** and **correction**
- **proactive** maintenance
- **independence** from manual monitoring processes

Network Operator



Thinxtra, The IoT Telco, is the exclusive Sigfox 0G Network Operator for Australia, New Zealand, Hong Kong, and Macau and the sole distributor of Soracom cellular IoT services.

www.thinxtra.com

Solution Partner



IoTTree is a Hong Kong-based IT company that specialises in integrated Smart City IoT solutions and services that redefine how businesses operate.

www.iotree.hk

Customer



Hongkong International Terminals Limited (HIT) is one of several key container port operators in the Port of Hong Kong owned by Hutchison Port Holdings, the largest port operator globally.

www.hit.com.hk