



CUSTOMER CASE STUDY: IOT SOLUTION



ADAPT wanted to demonstrate GPS location based services using a LoRaWAN network. KotahiNet developed and delivered a solution that worked right the first time.

ABOUT ADAPT

ADAPT Ideations adaptideations.com in Sydney, Australia is an Internet of Things (IoT) centred agency. They provide external collaboration with start-ups and established companies to fast-track innovation ideas.

THE REQUIREMENT

ADAPT wanted to demonstrate GPS location based services for tracking assets and equipment. A LoRaWAN network would provide long battery life for the trackers and coverage for transmitting data in real time. Mapping the GPS coordinates would visually display location as well as allow for future enhancements, such as geofencing.

CHOOSING KOTAHINET

ADAPT needed an experienced and reliable supplier capable of delivering the full solution. They turned to KotahiNet in New Zealand as being able to integrate all the required components. KotahiNet not only ran a public LoRaWAN network but were also capable across all elements of the IoT value chain.

THE SOLUTION

KotahiNet suggested a private LoRaWAN network complying with Australian regulations to provide a portable, low cost wireless network. KotahiNet then built a standards-compliant gateway based on the Raspberry Pi and an open source network server.

GPS trackers were sourced from a Taiwan company, GlobalSat. Mapping services were also provided by this company. KotahiNet integrated all the components into a seamless IoT solution.

THE RESULTS

All ADAPT needed to do was to plug in the gateway and switch on the GPS trackers. The whole solution worked right the first time.

ADAPT can now focus on the business benefits and helping customers innovate using real-time location based tracking of assets and equipment. With the solution offering portability, customer demonstrations were easy and quick to organise across Australia.

“KotahiNet took the time and effort to understand our requirements, proactively reducing costs while building a fit-for-purpose solution. We recommend them as an IoT solution provider.”

*Anirban Gupta
CEO, ADAPT Ideations, Sydney*

