

# THAILAND - MALAYSIA 1st Seamless Tracking of Cross-Border Containers



Bangkok, August 5, 2020 - Things on Net Co., Ltd. (TON) and Xperanti Solutions (M) Sdn Bhd (XPERANTI) have initiated a collaboration to enhance and facilitate seamless cross-border tracking between THAILAND - MALAYSIA, within various sectors of the transportation and logistics industry.

The collaborative initiative is set to boost end-to-end fleet tracking between Thailand - Malaysia, offering practical and hassle-free track & locate (with no roaming charges) for companies to keep tabs on their assets including trailers, containers and pallets from dispatch to arrival, supporting businesses to deliver consistent services across international borders. The initial cross-border coverage is set between Padang Besar, Perlis and Bangkok-Rayong.

Thailand's TON and Malaysia's Xperanti are respectively exclusive partners of SIGFOX, the global LPWAN operator now active over 70 countries. Sigfox's world-leading technology provides Low Power Wide Area Network (LPWAN) connectivity through a global network dedicated to the Internet of Things (IoT).

TON - the exclusive Sigfox operator in Thailand is continuously expanding its network coverage area with the goal to connect every provinces in Thailand by the end of 2020. Pavin Vorapruck, Chief Executive Officer of TON (Thailand) announced that TON will enable system designers and developers in both government and the private sector to make the most of IoT technology, in line with Thailand's 4.0 initiatives.

"Right now, we are quickly building confidence within various sectors of the transportation and logistics industry. Things On Net offers highly efficient and reliable network solutions that also provide for a strong foundation towards recovery in the New Normal, helping businesses achieve their targets, as well as sustainably raising the standards of the local shipping and logistics industry," said TON CEO Pavin Vorapruck.

Transportation & Logistics is a significant growth market in Malaysia, providing varied services ranging from individual transport and storage solutions to integrated supply chain management services. Vicks Kanagasingam, Chief Executive Officer of Xperanti (Malaysia) explained that a key client, one of the largest logistic company in Malaysia, wanted to optimize its utilization of trailers and containers. Using Xperanti's smart logistics solution based on Sigfox nationwide IoT network, the client was able to increase asset usage and efficiency, resulting in a reduction of up to 80% in wait time in their delivery scheduling and planning.

"Operational visibility and efficiency are keys to ensuring everything runs according to plan, especially in cross-border transportation with neighboring countries like Malaysia - Thailand. This collaboration marks a significant milestone in the Sigfox ecosystem and Xperanti is fully committed to support TON towards enhancing the Transportation & Logistics sector as well as contribute to the development of Thailand 4.0," said Xperanti CEO Vicks Kanagasingam.

He further added, "Whether via air, sea, rail or ground, the transportation and logistics industry has seen the proven benefits of IoT solutions globally. Leveraging on Sigfox global IoT network that facilitates continuous and seamless cross-border container tracking, businesses in Thailand and Malaysia are able to ship in a smarter way."

Both TON and Xperanti's IoT asset tracking and transport monitoring solutions leverages on Sigfox's LPWAN technology, offering flexibility, affordability, and an end-to-end view of the supply chain. Furthermore, these smart logistic solutions can even offer improved safety for warehouses and fleet vehicles, offering businesses value chain security, peace of mind and increased efficiency.

Sigfox-certified tracking devices are non-intrusive, easy to install & maintain, as well as being energy-efficient for long periods of operation without the need to charge or change batteries. The location sensors in the tracking devices is also able to provide location data from fleets of returnable containers, as well as information on the whereabouts of other deliveries, including pallets, parcels and trolleys. The tracking systems can be enhanced to also report data such as temperature, impact and tilt to provide better insights into quality control, traceability and responsibility boundaries, ensuring fragile materials are delivered safely, on time and in good condition.

Reliable, secure, low-cost connectivity represents an unparalleled IoT solution to unlock the Industry 4.0 potential of businesses both large and small, promoting stable, sustainable growth. "We are confident that with the support of Xperanti's expertise and experience, combined with Sigfox's world-leading IoT technology, TON is able to develop comprehensive IoT solutions tailored to meet the business needs of a diverse range of industries," said TON CEO Pavin Vorapruck.

About Things on Net Co., Ltd. (TON): a trusted IoT solutions provider with world-leading communications technology, offers turnkey platforms and solutions ranging from consumer and enterprise to manufacturing and industrial IoT applications. Its services include consulting, strategic planning and research and development, as well as designing sensor devices. TON's worldwide expertise and network will enhance the country's sustainable development for the community and environment.

Things on Net is the exclusive Sigfox operator in Thailand that delivers LPWAN low-power wireless networks for organizations in more than 70 countries.

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About Xperanti: Empowering Things - People - The Nation - Xperanti Solutions (M) Sdn Bhd is Malaysia's 1st & largest dedicated IoT network, operating nationwide with global coverage, based

on Sigfox technology. We offer comprehensive end-to-end IoT solutions via an ecosystem of partners, that unlock the huge emerging opportunity of Industry 4.0 for businesses. Our exceptional technology delivers practical, scalable & sustainable solutions for key sectors such as Smart Cities applications, Transportation & Logistics, Utilities, Agriculture, Oil & Gas, Manufacturing, Healthcare and Communities.

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