

ConTracker - big assets localization

IoT

Internet of Things is a network of physical objects ('things') for the purpose of connecting and exchanging data with other devices and systems. The ConTracker is an IoT device using LoRaWAN or NB-IoT technology.

LoRa

LoRa (Long Range) is a Low-power wide-area network (LPWAN) protocol which allows small data packets to be transmitted and received wireless. LoRa uses the (open) ISM frequency band. The technology can be utilized in a commercial LoRaWAN network or through your own private (local) LoRaWAN network.

NB-IoT

NarrowBand-Internet of Things (NB-IoT) is a 3GPP based low power wide area (LPWA) technology that enables a wide range of new IoT devices and services. NB-IoT co-exist with mobile networks.

- Container track & trace solution
- Dashboard app included:
 - Geographical overview of your containers
 - Historical data of locations / events
 - Container management
 - Data export
 - Event notification (e-mail, SMS)
- Theft detection and logistics optimization
- Highly accurate location (< 20 meters)
- Remotely configurable (customizable settings)
- Battery lifetime up to 10 years
- Worldwide coverage
- Easy to install
- No maintenance & no monthly fee



The ConTracker solution is developed with support from several container companies. Track & trace localization helps tremendously in managing your container fleet. The major drivers, besides localization, in the ConTracker market is theft detection / prevention and to optimize logistics. Unwanted asset movements are signaled via vibration or geofencing and notifications are sent out in real-time.

Installation of the ConTrackers is quick and easy. During installation, a QR code scan with your mobile or tablet triggers a web app. The app places the installed ConTracker and all container information (photo's, container number) directly in the dashboard app. Any regular smartphone will do the job during installation.

The intuitive ConTracker dashboard app is designed by JENG for big asset management. It only requires your basic container input and no other irrelevant time consuming information.



Turn-key solutions

A full turn-key ConTracker solution can be integrated *optional* in your your environment as one of the JENG services.

IoT PaaS

The ConTracker service is processed in the cloud. JENG and partners offer an IoT Platform-as-a-Service in which your extended tracking Use Case can be realized.

Inhouse development

Other devices and IoT solutions can be in house developed in order to add value to your company.

About JENG IoT

JENG IoT is a Dutch company designing full turn-key IoT solutions. From sensors, dashboard apps, data analysis till full integration in your IT infrastructure.

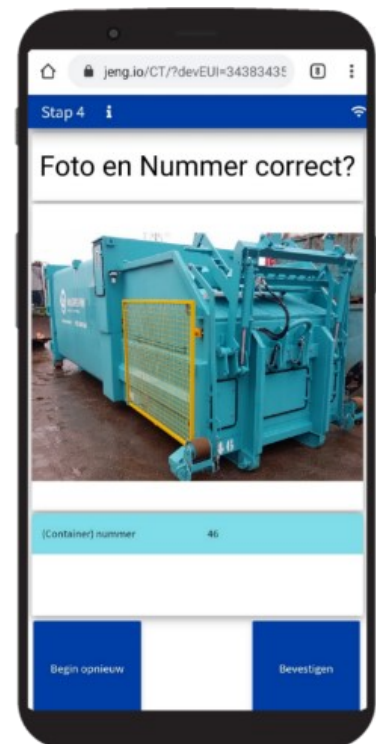
In case you are interested go to our website www.jeng.io for more information about our products and services.

Key Features

- Localisation: Satellite based (GPS, GLONASS) or triangulation.
IoT cloud based assisted-GNSS (*NB-IoT ConTracker*)
- Network technology: LoRaWAN or NB-IoT
- Battery technology: 3.6V Lithium-thionyl chloride
 - Battery working time: up to 10 years
- Operating temperature: -25°C to 80°C
- Working environment: Outdoor
- Housing
 - Impact resistant
 - Sustainable
 - Own company color (*optional*)
- Recyclable
 - PCB and componements
 - Battery
 - Housing (*expected soon*)

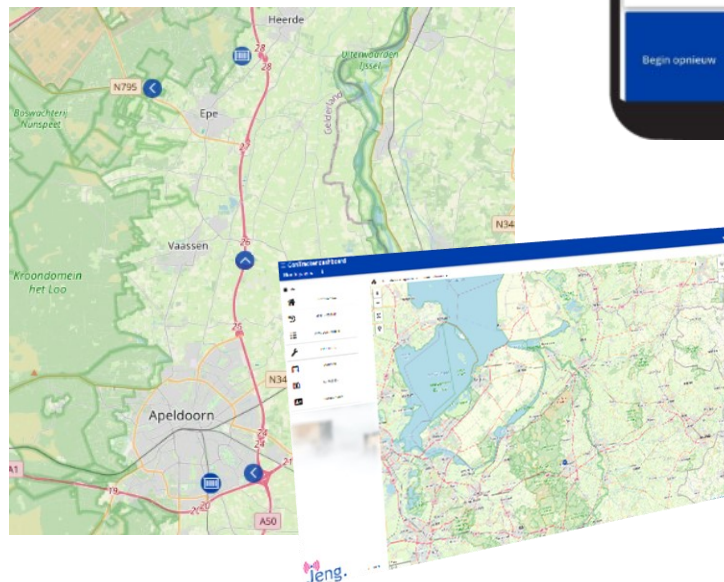
AVAILABLE SERVICES

- IoT solutions (turn key)
- Full dashboard app
- Device development
- Technical support
- Online interface
- Advice and consultancy



Packaging

- Product Dimensions: 70 (b) mm x 305 (l) mm x 33 (h) mm
- Product Weight: 480 gram (incl. battery)



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This product is developed by JENG IoT B.V. (The Netherlands). The ConTracker and dashboard app is continuously under development and the specifications and information as provided in this brochure are subject to change without notifications.