Tri
Sukha
Pratama

#DigitalReady

Assets Monitoring

IoT Solutions

Supply-Chain

Supply-Chain Industry

With current industrial conditions that are unstable and unpredictable, it is necessary to provide products that are on time and on delivery destinations. The evolution of the supply-chain management concept must be integrated with information technology. The role of Information Technology in every business process in supply-chain management must be able to collect real-time data such as product data, delivery times and order status. It is time to turn to the latest technology solutions that can improve product distribution more efficiently and transparently.

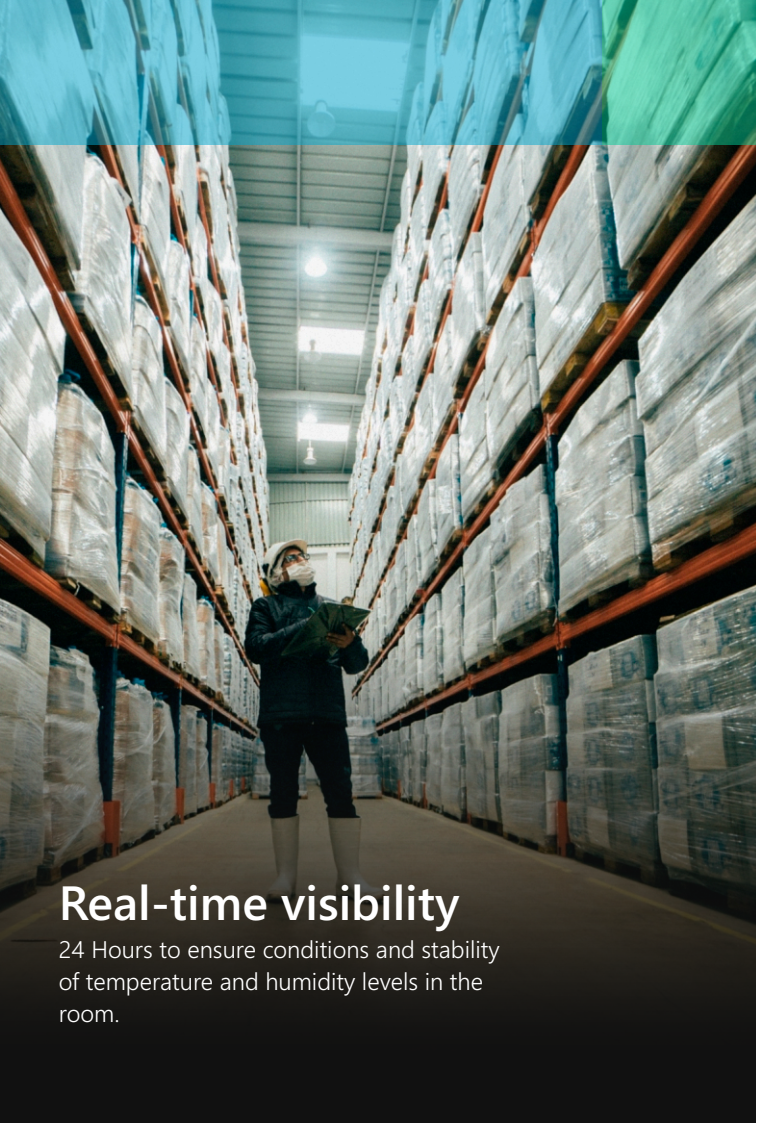
Here are 3 benefits that you will get from an IoT Solution

Assets Monitoring

24/7 Real-time visibility

More secure with extra precautions

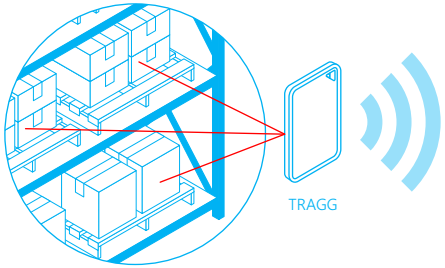
Best infrastructure with low investment



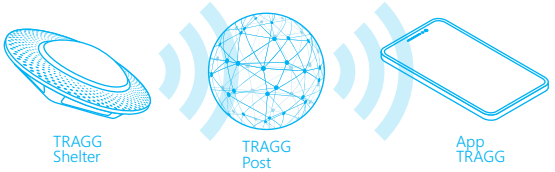
Real-time visibility

24 Hours to ensure conditions and stability of temperature and humidity levels in the room.

For indoor facilities,

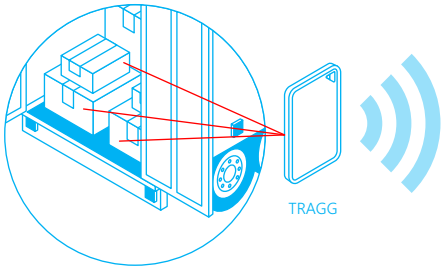


Pallets, storage boxes, and / or packages that are still stored in the warehouse will be installed using the TRAGG device. TRAGG is a device with Bluetooth low energy (BLE) technology which is equipped with a proximity sensor for easy tracking.

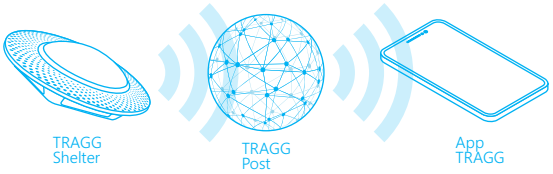


TRAGG will send location data information, distance and other information to TRAGG-Shelter (gateway). The collected data information will be sent to TRAGG-Post (cloud server), via an internet connection. In TRAGG-Post all data received will be processed using the system and then displayed in the App-TRAGG (web-based application) as a dashboard panel that provides real-time data and information.

or is in transit.



Pallets, storage boxes and / or ready-to-ship packages stored in the transportation fleet will be installed using TRAGG tools. TRAGG is a device with Bluetooth low energy (BLE) technology which is equipped with a temperature sensor and an air humidity sensor.



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Monitoring is safer and more effective

Know the condition and location of products in the process of delivery anytime and from anywhere in real-

Tri Sukha Pratama

Who we are?

An experienced communication technology company with more than 10 years of dedicating its business potential to continue to build and develop better communication technology.

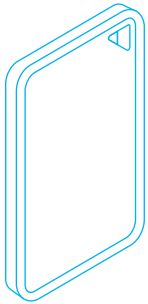
What we do?

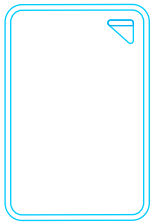
Radio & Transmission Network Planning, Acquisition & Construction, Transmission, Network, Installation Technology & Communication, IT Solution.

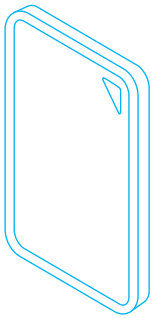
Why choose us?

Trusted to work together by many communication technology companies. Always supported by experienced and competent human resources in their fields.

ZTE HUAWEI TELKOMSEL smartfren. 3 indosat XL axiata ibs





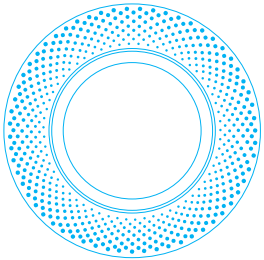


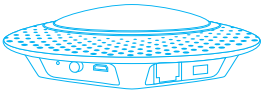
TRAGG

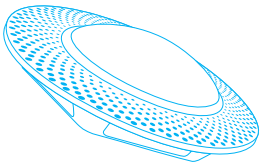
Spesification

Features	Sensor	Accelerometer sensor for option
	Dimensions	36.5x23.7x5.0 mm
	Weight	6.2g
Protocol Options	iBeacon	Yes
	Eddystone	Yes
	Sensor Data Advertising	Yes
Radio	Bluetooth	Bluetooth 5 Compatible
	Antenna	PCB Antenna
	Interval	From 100ms to 500ms
	Transmit Power	-40dbm -20dbm -16dbm -12dbm -8dbm -4dbm -0dbm 4dbm
	Range	Up to 50 meters
Battery	Model	CR 2032
	Capacity	225 mAh
	Replaceable	Yes
	Operating Temperature	-20°C to +60°C (Battery Limit)
	Battery Life	Up to 1 year
Product Compliance	Certification	CE FCC Bluetooth QDID/EPL
Service	Configuration App	BeaconSET+ iOS Android
	Warranty	1 year

TRAGG Shelter







Spesification

General

- Connect to the cloud with 3G/4G USB dongle
- Data saved in TF data card or Udisk
- Support AWS/Azure/ARM mBed lot Cloud
- Input with DC 5.0V, 1A, micro-USB
- Firmware upgraded by OTA
- Support HTTP(SSL/TLS)/MQTT(SSL/TLS & Proxy)/TCP
- Operating Temperature -25℃ to 65℃
- Batch configuration tool available

Bluetooth Low Energy (BLE)

- 64 MHZ 32-bit processor
- Built-in amplifier chip to precisely scan BLE
- At least bluetooth 4.0 (Only for BLE)

WiFi & Ethernet

- CPU 575 MHZ 32-bit application processor
- 300 Mbps PHY data rate, 802.11b/g/n WiFi
- 2 USB 2.0 host connectors and 1 TF Card Slot
- 128 Mbyte 16-bit DDR2 RAM
- 16 Mbyte SPI NOR Flash
- RGB Led Strip as the status indicator
- OpenWrt, Linux distribution for embedded devices
- Support WiFi failover & Multi-higher level AP configuration
- 10/100 ethernet with 802.3af PoE

General Information

Size	150x150x36 mm
Net Weight	180g
Accessory	1x USB cable, metal fixing and screws
Power Supply	DC 5.0 (+/-5%) Max. 5.5 volts
Storage Temperature	-40℃ to 85℃
Humidity	Max 95% Non considering relative humidity