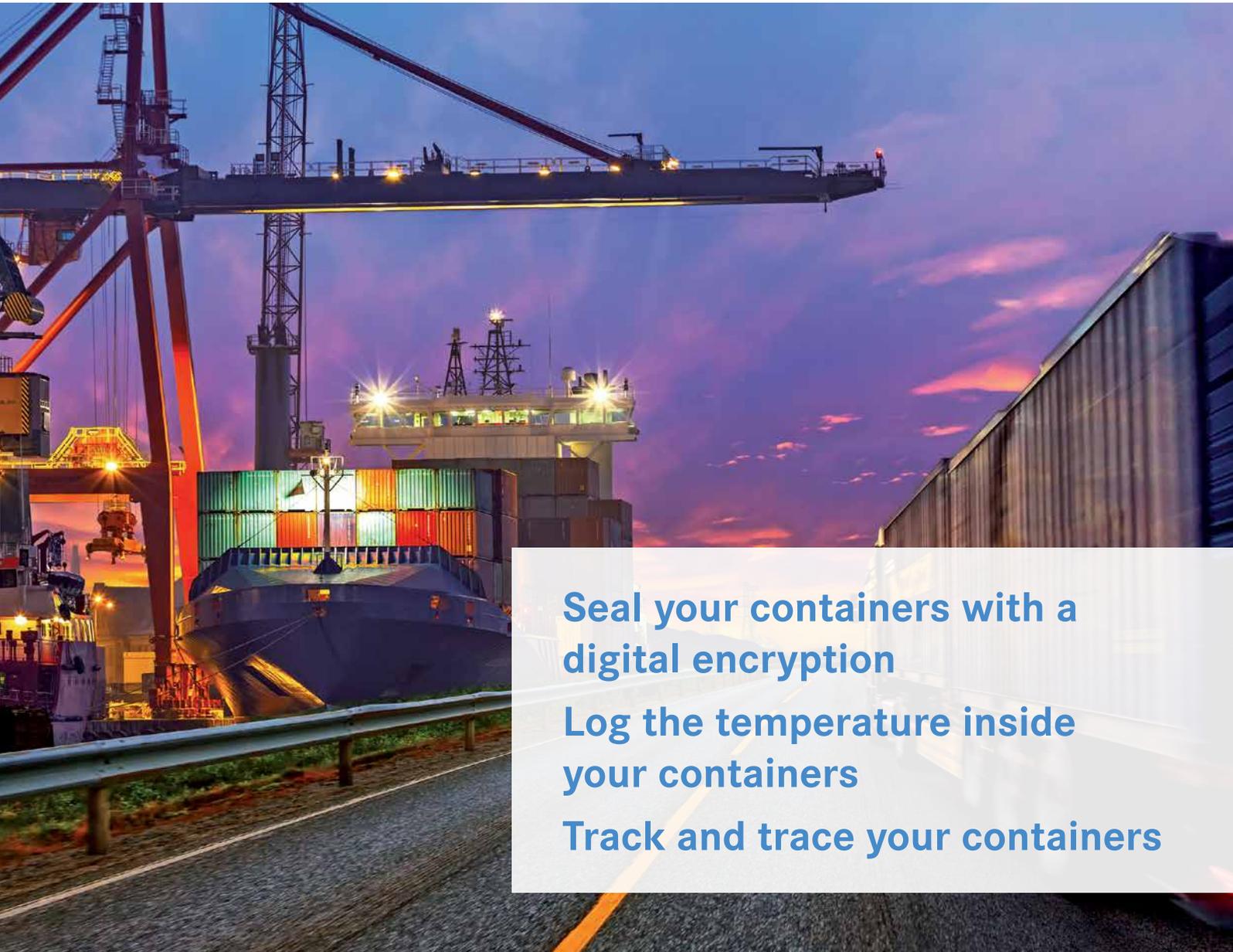# babbler

Seal your containers with a digital encryption

Log the temperature inside your containers

Track and trace your containers

Cost-effective sealing, temperature logging and track & tracing of cargo containers for shippers

How does babbler work?

Our sensor allows unobtrusive and high quality sealing of containers. It also allows advance warning to the shipper if a seal was tripped, so that they can warn customs. Because the device is inside the container it is much harder to foil than existing seals. The babbler seal uses digital encryption which cannot be repaired once tripped. The babbler seal generates encrypted passcodes, which cannot be predicted without the digital key. An inspector must show the passcode to prove he has inspected the seal. Additionally the temperature of the cargo is logged and can be read wirelessly from outside the container. This allows early warning if the temperature has been incorrect for any period of time. Furthermore the babbler sensor can easily identify your containers and shipments. The sensor devices wirelessly advertise the container number and shipment number enabling a smooth tracking and tracing. This allows an easy request of the shipment documents by the shipper.
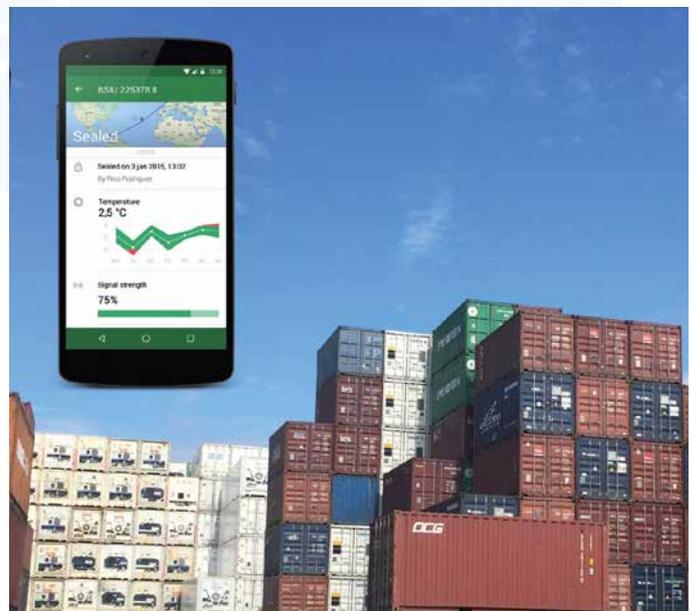
What are the benefits of babbler?

1. The babbler allows all parties in the supply chain to receive advance warning of unauthorized access to shipments and of temperature problems. It allows quality inspectors to have immediate access to temperature logs on-site instead of after-the-fact. Babbler is wirelessly readable outside the container. This means the sensors can be read often and without interfering with logistic operations; every time the container needs to be opened adds extra labour cost and transportation time.

2. Babbler can follow the entire supply chain end-to-end. Existing solutions are bound to a link in the chain because of their high price. For example GPS seals are removed before the containers leave the country because they are too expensive to lose. Babblers are a fraction of the cost.

3. Babbler needs minimal infrastructure investment. Because open standards are used, no specialized readers are necessary. Bluetooth Smart wireless technology is available globally on employee smartphones. In contrast, legacy RFID solutions require specialized hardware and use radio frequencies that are not globally permitted.

Itude Mobile

Itude Mobile creates innovative mobile apps for supply chains. Our team of experienced professionals has a strong focus on IT innovation and strong knowledge of the supply chain. Itude Mobile is based in the Netherlands near Utrecht.

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