

SMART LOGISTICS SOLUTION

English



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ABOUT S-WINNUS

S-WINNUS is specialized IoT company in the field of intermodal logistics.

We are connected with a large number of partners throughout the world to respond to customers' needs immediately.

Our main mission is to provide valuable data to support decision making for the customers with flexible hardware and software customizable.

OVERVIEW

2011 - 2017

/2018

/2019

- Founded S-WINNUS Co., Ltd as a spin-off of Intelligent Container Cluster R&D Center. (2011)
- Supply contract of iLock with Korea Customs. (2011)
- Business cooperation with POSCO ICT and Korea Telecom for global logistics tracking service. (2014)
- Supply contract of iLock with Belgium Customs. (2017)
- Carried out Samsung SDS 'CELLO IOT Platform Construction Project'
- Carried out KT 'B2B tracking service development for NB-IoT'

- Carried out Samsung S1 'Shuttle bus control system'.
- Carried out Ordered KT 'NB-IoT B2B Tracking Service Secondary Service' Project.
- Supplied container tracking solution to Samsung SDS America.
- Supplied container tracking solution to Lets Corporation in Japan.
- Moved Seoul Branch office. (Yongin-si, Gyeonggi-do)
- Supplied iLock Plus to DHL Germany.

- Supplied iLock to Korea Customs.
- Supplied container tracking solution to Samsung SDS Poland.
- Supplied container tracking solution to Samsung SDS Netherlands.
- Supplied container tracking solution to Samsung SDS Slovakia.
- Supplied container tracking solution to Samsung SDS Germany.
- Supplied container tracking solution to Samsung Corning.
- Supplied the property security system solution to the Bank of Korea.



ConTracer-C puts control

Global RealTime Tracking

- ConTracer-C can track your container travelling all around the world, from the point of departure to the final destination.

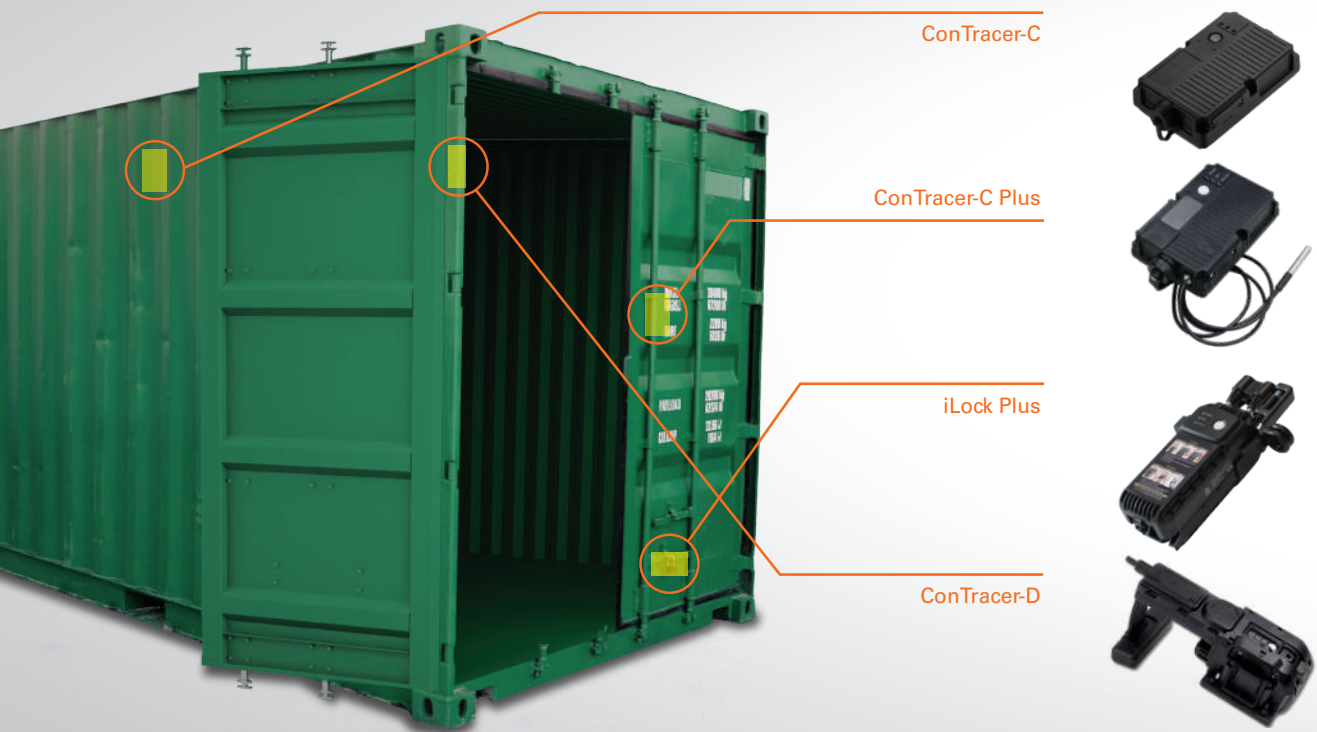
Easy Attachment

- Easy attachment on the container using magnet(Provides real-time alarm when device is removed).

Constant Tracking of Container

- You can track the exact route, speed and time of waypoints on your computer or cellphone 24hours a day. No phoning the trucking company to establish where your goods are.

Smart & Secured Solution for Intermodal Logistics Transportation



ConTracer-C



ConTracer-C Plus



iLock Plus



ConTracer-D



ConTracer-C

- Real time Monitoring location and shock value for Covert operation
- Immediate detecting and sending alarm in case of detachment

ConTracer-C Plus

- Real time monitoring location and temperature, shock value for Reefer Container
- Specialized for the transportation of cold/frozen cargo

iLock Plus

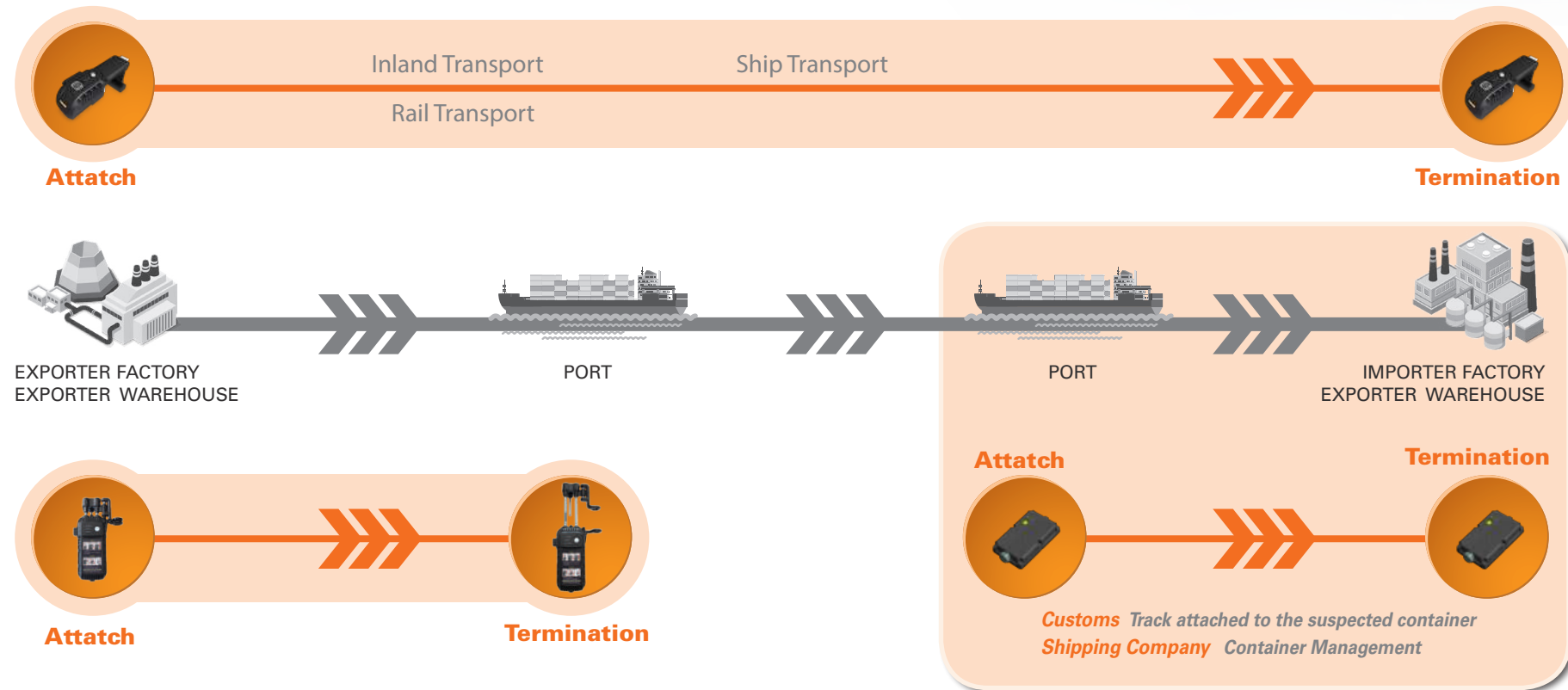
- Monitoring sealing status of the door location
- Implemented device to use existing bolt seal to overcome limitations in customs inspection
- Provides GPS-based location identification of containers

ConTracer-D

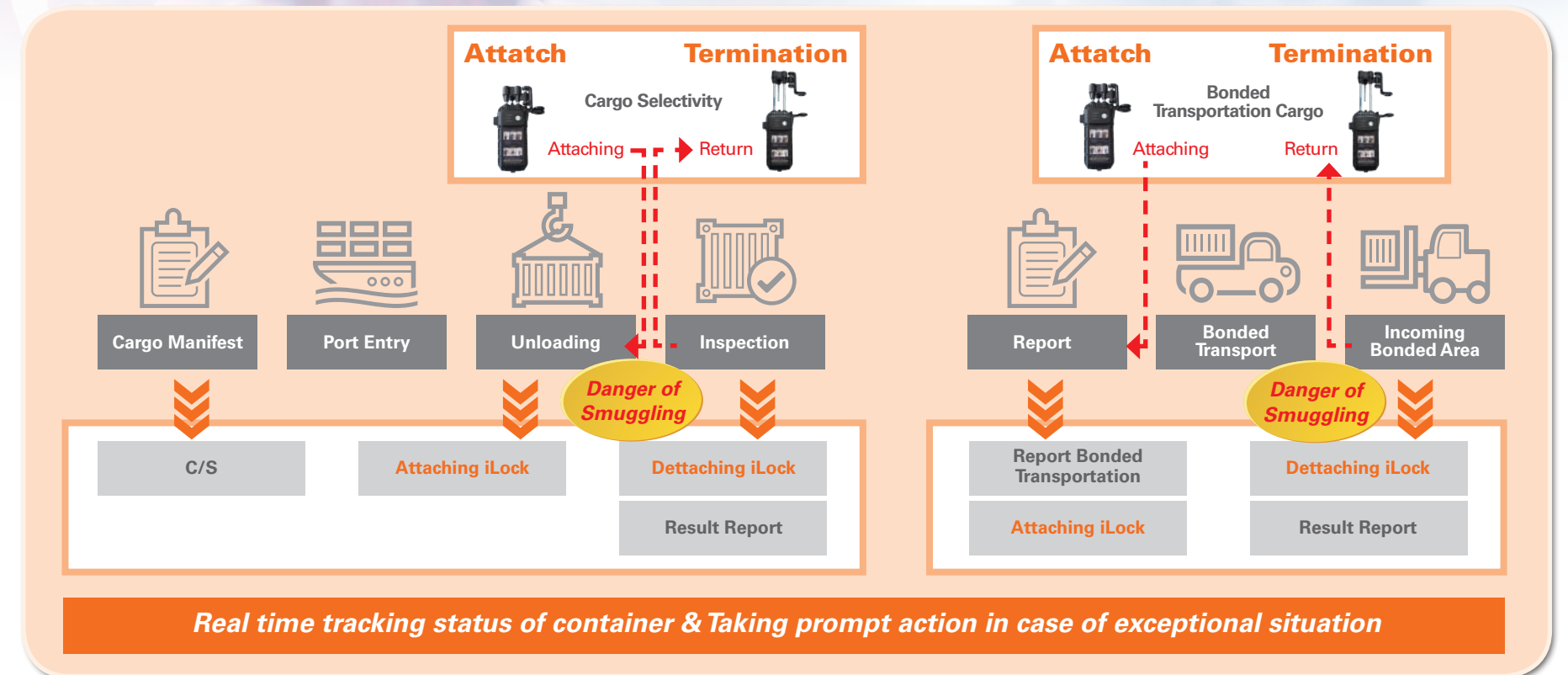
- Real time Monitoring temperature, humidity, shock value with location
- Immediate detecting and sending alarm in case of door opening



GLOBAL INTERMODODAL REAL TIME TRACKING



PORT SECURITY



ConTracer-C

ConTracer can track your container travelling all around the world, from the point of departure to the final destination.

MAIN FUNCTION

- Monitoring location and damage information of moving bodies including containers.
- Continuous assets management through integration with container.
- Easily attach iron structure using strong magnet.

SPECIFICATION

Division	Description
Data Log	Non-volatile 128k bytes Flash Memory - store up to 2,000 logs.
Communication	Supports WCDMA&GSM communication / GPS
Battery	Lithium-Ion battery (9,000mAh)
Weight	380g (Including Battery)
Size	130 x 78 x 37mm (Length x Width x Height)

MAINTARGET POIT

- DEA(Drug Enforcement Administration) / Customs
- Logistics company who owns container





ConTracer-C Plus

Real time management of cold/frozen cargo in Reefer container

MAIN FUNCTION

- Real time monitoring location and temperature, shock value for Reefer Container.
- Support GSM&WCDMA communication to support each country's communication environment.
- Easily attach iron structure using strong magnet.
- Specialized for the transportation of cold/frozen cargo.

SPECIFICATION

Division	Description
Data Log	Non-volatile 128k bytes Flash Memory - store up to 2,000 logs.
Communication	Supports WCDMA&GSM communication / GPS
Battery	Lithium-Ion battery (9,000mAh)
Sensing Temperature	-55°C to +125°C (-67°F to +257°F)
Weight	500g (Including Battery)
Size	78×109×34.5mm (Length×Width×Height)

MAIN TARGET POINT

- Company producing cold/frozen cargo
- Logistics company

iLock Plus

A container security solution that can be used with existing bolt seal and monitor the seal state and location information of cross-border container in real time

MAIN FUNCTION

- Implemented device to use existing bolt seal to overcome limitations in customs inspection
- Provides GPS-based location identification of containers transported all around the world.
- Supports GSM /WCDMA communication functions to be used according to communication environment of each country. (region)
- The BlackBox function by using nonvolatile memory.

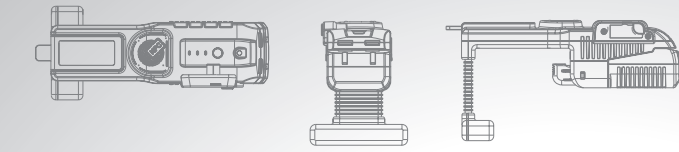
SPECIFICATION

Division	Description
Data Log	Non-volatile 128K bytes Flash Memory - store up to 2,000 logs
Communication	Supports WCDMA&GSM communications / GPS
Battery	Lithium-Ion Battery (9,000mAh) - Battery is expandable
Weight	800g (Including a battery)
Size	121×204×71mm (Length×Width×Height)

MAIN TARGET POINT

- Shippers handling high-end cargos in global shipping lines
- Logistics companies (shipping companies and forwarders) that carry customer's cargo
- Customs Service





ConTracer-D

Container tracking control solution that enables real-time monitoring of container location and status information.

MAIN FUNCTION

- Check international / domestic container's real-time location information status.
- Support GSM&WCDMA communication to support each country's communication environment.
- Support container's internal environment (temperature / humidity / damage) and opening / closing detecting status.
- Low Battery, Stationary, E-mail / SMS Alerts, Remote Commands On Route, geo-fence, Black box.

SPECIFICATION

Division	Description
Data Log	Non-volatile 128k bytes Flash Memory - store up to 2,000 logs
Communication	Supports WCDMA&GSM communication / GPS
Battery	Lithium-Ion battery (18,000mAh)
Weight	880g (Including Batter)
Size	258 x 134 x 73mm (Length x Width x Height)

MAINTARGET POINT

- High value cargo owners
- Logistics company

MONITORING PLATFORM

User friendly system that supports web, desktop computers, and mobile.



MONITORING FUNCTION

- Monitoring of real-time location information based on GIS interwork
- Status information includes Temperature inside container, Speed, Humidity inside container, Door status

OPERATION INFORMATION MANAGEMENT FUNCTION

- Search operation route, concern-area (section) settings, statistics and reporting of operation information.

MANAGEMENT AND REPORTING FUNCTION

- Detailed data which is downloadable for analysis
- Replay function
- Alarm reporting

Optimized functions to use in the international logistics environment

Web based monitoring system

- Real time equipment monitoring function
- Data inquiry / management function that takes into account user convenience
- Tracking function for operation records for a particular period



Mobile based monitoring system

- Data inquiry equipped with UI suitable to mobile / management function
- Tracking function for operation records for a particular period
- Real time equipment monitoring function



THE CHANGE OF PARADIGM IN GLOBAL LOGISTICS

*Realtime logistics information for safe
delivery and effective supply chain management*



► GEO FENCING

A pre-determined geo fence can be set along the route so when a container enters a pre-set zone an SMS will be sent to a cell number, which could alert you that the container is an hour away, going through an area which historically has proven difficult or ensuring that the driver is sticking to the route.

► DATA FEEDBACK

A detailed log is kept on each device which allows for accurate analysis of all container movement. Route Taken, Average Speed of Vehicles, Distance Travelled, Deviation from Routes and amount of time the container was not moving.

► iLock SPECS

The device is made from military grade materials, waterproof, dustproof and pressure tested. It is re-useable, with a full 12-month guarantee.

► ADJUSTABLE PINGING TIMES.

This means that you can set to receive feedback every two minutes if you are carrying very precious cargo or once every 24 hours if a container is on a ship crossing the ocean.

SMART! SECURE! ON TIME!

