



Electronic Cargo Tracking System (ECTS)

**TRA - ECTS
APPROVED VENDOR**



**UTRACK THE PREFERRED
TRA-ECTS APPROVED VENDOR**

Introduction:

Tanzania Revenue Authority (TRA) Customs and Excise Department introduced the Electronic Cargo Tracking System (ECTS) to monitor the movement of goods under Customs Control in Tanzania.

ELECTRONIC CARGO TRACKING SYSTEM (ECTS)

What is Electronic Cargo Tracking?

Cargo tracking is the tracking of goods and their conveyances from the point of origin to destination. Electronic Cargo Tracking is achieved via information transfer to online monitoring platforms using Radio Frequency (RFID)/ Bluetooth and GPS/ GPRS combined.

Under this ECTS Project, UTRACK AFRICA LTD is authorized by TRA to supply Hardware/Tracking Solutions for all categories:

- Containerized Goods transported by Trucks and Rail
- Wet Cargo transported by Road and Rail Tankers
- Single Units (new/ used motor vehicles) moving on own wheels, loaded on car carriers and loaded on rail wagons
- Loose Cargo loaded on box body/flatbed trucks and on covered/ open wagons.

Trucks/vehicle, tankers and containers carrying Transit goods under TRA's control are required to be fitted with a tracking device and electronic seal which will send the seal status, truck location and any violation information to TRA control Centre on a real time basis.

**BE SMART, SECURE YOUR TRANSIT CARGO WITH
OUR CUTTING-EDGE TRA-ECTS SOLUTIONS.**

UTRACK SOLUTIONS

Intelligent Master Lock UT701

UT701 is a sophisticated Asset Tracking Solution that provides enhanced functionality, requires easy installation, and caters to a wide range of Cargo Tracking applications.

It can greatly reduce the economic and financial losses caused by lack of visibility in monitoring valuable and un-taxed transit cargo conveyed in containers, tankers as well as loose cargo.



Features:

1. Unique Design, Unlock With RFID/SMS Password
2. Big Capacity Battery, Long Working Time
3. Built-in GSM Module, Remote Online Monitor
4. Built-in GPS Module, Real Time Global Positioning
5. Safety Monitoring, Alarms For illegal Unlocking

Intelligent Bluetooth Padlock UT709BL

UT709 Intelligent bluetooth padlock is developed on the basis of our existed product model UT701. UT701 work as the master lock, and the UT709BL works as the slave lock, and they are suitable to the management applications, such as: container / oil tanker, one master multi slave lock (multi doors / valves). Device is with feature: configuring parameters online, rechargeable lithium battery, reusable, get high precise tracking data through master part UT701. At the same time, It can support unlocking in remote online or on site offline, and running in different monitoring platform, real time tracking online, history route replaying, lock status tracking. This can provide asset tracking and management solution with lower cost, higher security, higher efficiency, more intelligent.

Features:

1. Fast BLE Unlock
2. APP-authorized Unlock
3. Above 50 thousand Unlock
4. Rechargeable battery
5. Above 1000 unlock logs
6. IP65









UHB-A1L

2G/3G/4G Container GPS Tracker

UHB-A1L is an intelligent tracking and positioning lock to ensure the safety of logistics and freight assets. It has RFID/ remote unlocking, large capacity battery, built-in GPS Module, illegal unlock alarm etc. Support Bluetooth can be used to receive the temperature and humidity sensor signals of the compartment.



-  2G/3G/4G Network
-  GPS Positioning
-  Built in Bluetooth connect to wireless sensor
-  Main battery 1500mAh Backup battery for unlock in emergency
-  RFID/BLE/SMS/GPRS Unlock
-  IP67 Waterproof

Specifications:

GPS module: GPS L1/BD B1	Backup battery: 500mAh, rechargeable
Communication module: 2G/3G	Working Temperature: -30°C ~+70°C
Protection Level: IP67	Customizable Lock Wire Length
Working Voltage 3.3~4.6V	Unlock Method: RFID/BLE/SMS/GPRS
Bluetooth: 5.0	Movement Recognition by Sensor
Current: Standby<3mA, Sleep <1mA Normal<60mA, Power off<20uA	Size: 185mm x 150mm x 53mm
Main Battery: 1500mAh, Rechargeable	Weight: 1KG

Seal Certification:

Utrack hardware has been tested to the highest international standards including but not limited to:

- ATEX: II 2 G Ex ia IIB T4 - Intrinsic Safety for potentially explosive environments (this includes environments where fuel and petroleum products are present)

WET CARGO SLAVE LOCK INSTALLATION



UTRACK THE PREFERRED TRA-ECTS APPROVED VENDOR

THE UTRACK OPTIONS

Dry Cargo - Containerized & Loose Cargo



Solutions	Device Type
UHB-AVL + UHB-A1L	Fixed AVL + Slave
UHB-A1LM	Portable Master
UHB-A1LM + UHB-A1L	Portable Master + Slave (Multiple BL)
UT701T	Portable Master
UT701T + UT709B	Portable Master + Slave (Multiple BL)

Wet Cargo - Road & Rail Tankers



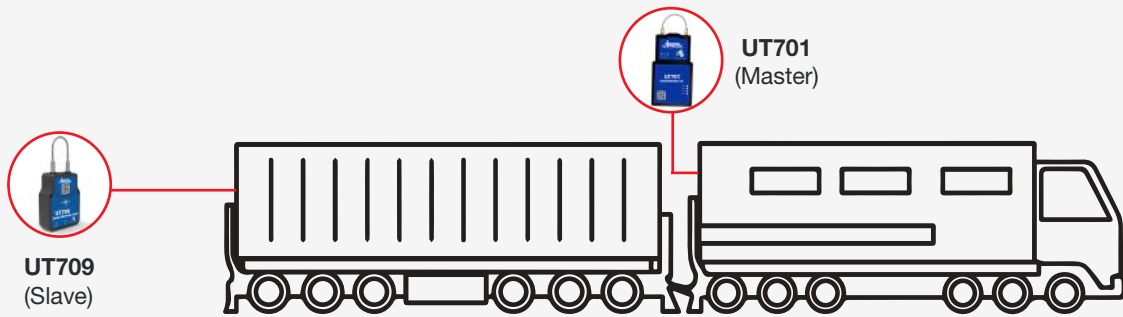
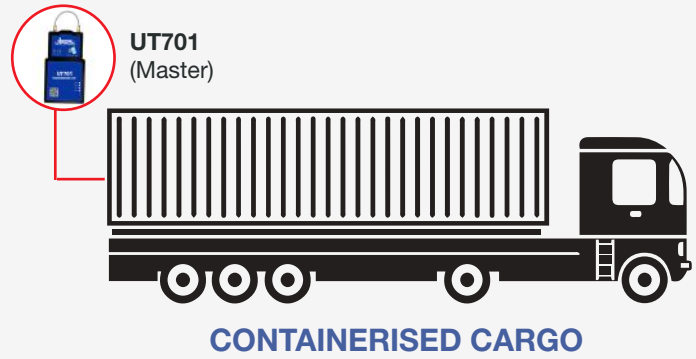
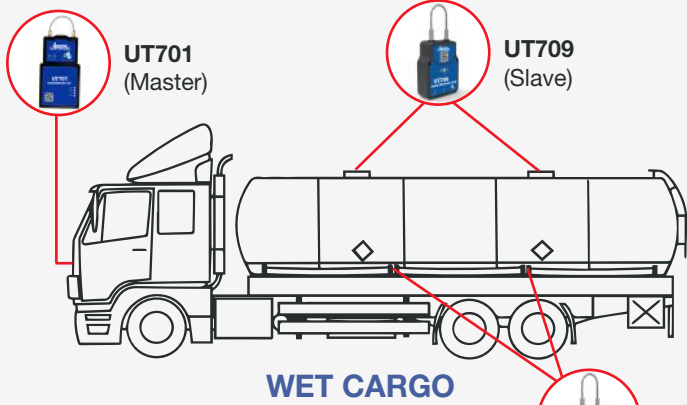
Solutions	Device Type
UHB-AVL + UHB-A1L	Fixed AVL + Slave
UHB-A1LM + UHB-A1L	Portable Master + Slave
UT701T + UT709B	Portable Master + Slave

In Transit (IT)

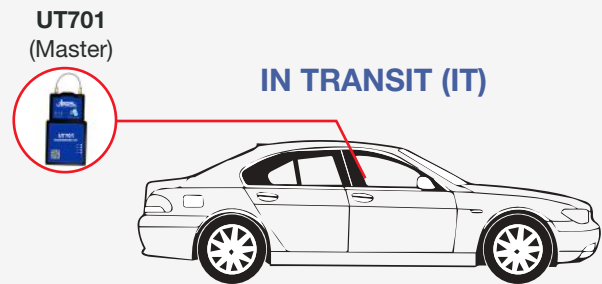
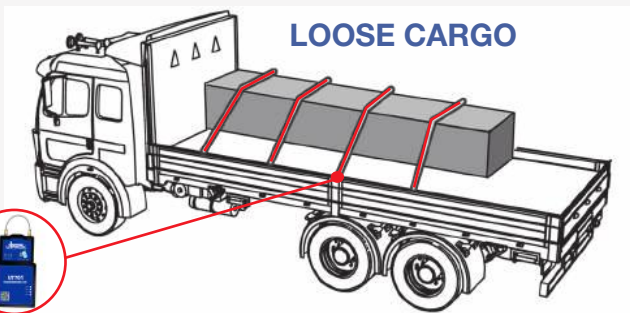


Solutions	Device Type
UHB-A1LM	Master (Portable)
UT701T	Master (Portable)

SOME OF OUR TAGGING OPTIONS



DRY CARGO MULTIPLE TAGGING POINTS



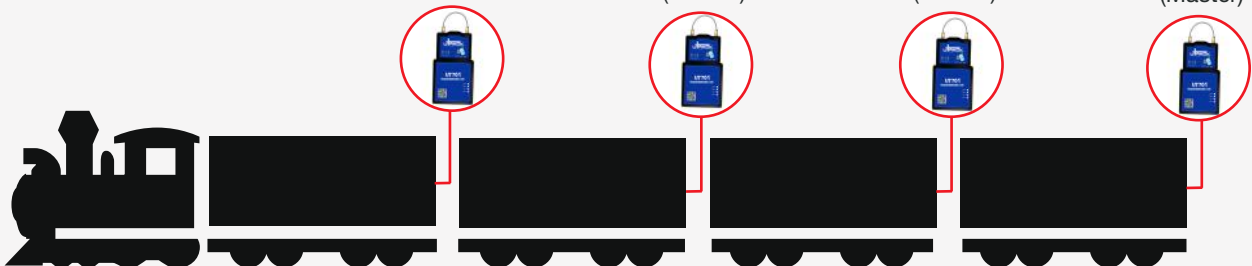
UT701 (Master with extra long cable)

UT701 (Master)

UT701 (Master)

UT701 (Master)

UT701 (Master)



WAGON CARGO

THE BENEFITS OF OUR SOLUTIONS

- Immediate Compliance to TRA requirements
- Reduced delay at port and boarder hence improving turnaround times. This leads to increased productivity and better profits to the stakeholders/ transporters
- Reduced dumping of Transit Cargo in local markets
- Elimination of Transit Cargo Theft
- Quicker Bond processing/ cancellation
- Elimination of manual processes along the supply chain
- Reliability based on tested and proven solutions
- Plug and Play hardware making it easy and quick to mount and remove the seals

ADVANTAGES OF CHOOSING UTRACK AFRICA

- Experience - more than 7 years in Fleet Management and Vehicle Tracking with over 3000 units deployed on the road. We understand the daily challenges of the Fleet Owner/ Operator
- Dedicated After Sales Services and Support
- Cost-effective solutions giving best value for money
- 24 hours access to Customer Care Department
- Utrack has partnership with other leading Fleet Management companies in the region
- Products and Solutions offered have a global recognition - they are use in many other territories worldwide
- 24 hours Contol and Monitoring Centre
- Wide range of products
- Tested and Proven Seals with full certification for Intrinsic Safety. These seals can be used on potentially hazardous and flammable enviroments

TRA - ECTS APPROVED VENDOR



UTRACK AFRICA LIMITED

Dar es Salaam:

Off Mwai Kibaki Road,

Block No. 34 Mkuzi Street.

Mbezi Beach Rainbow Area.

Tel: (255) 22 261 7225 | 782 887 225

Email: ects@utrackafrica.com

GPS Co-ordinates: -6.7229, 39.2286



www.utrackafrica.com/ects

Arusha:

Kwa Ngulelo Area, Baraa.

Block 169G Nazareth Street.

P.O. Box 15360, Arusha - Tanzania.

Tel: (255) 783 064 414 | 736 101 222

Email: info@utrackafrica.com

GPS Co-ordinates: -3.3685, 36.7288