PRODUCT CATALOG

ST SUNLAB Ltd.

Connected Solutions,
Infinite Possibilities

www.stsunlab.com

IoT

ST SUNLAB

CONNECTED SOLUTIONS,
INFINITE POSSIBILITIES

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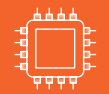**EU**
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ST SUNLAB LTD.

- Founded in 2001
- Headquarters in Seoul, Korea
- International corporation
- First to introduce a chip-based design
- Clients in 20 countries
- Shipped over 8 million devices

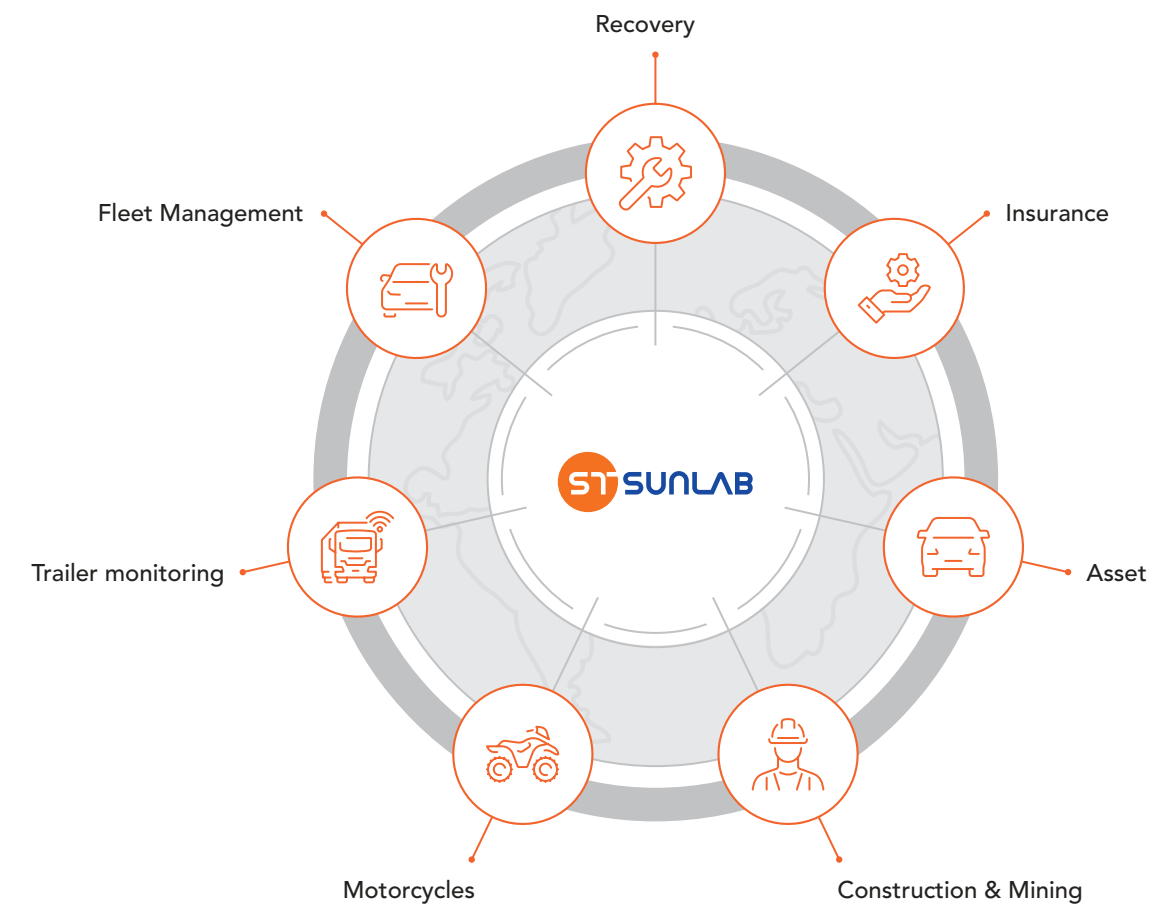## " Connected Solutions, Infinite Possibilities "

ST SUNLAB is a developer, manufacturer, and global distributor of IoT telematics hardware. It was founded in Seoul, South Korea, in 2001.

In 2024, Suntech International took a significant step forward by merging with Wizardlab, a software company in South Korea. Under the new name ST SUNLAB, we continue our journey with an enhanced focus on innovation and excellence.

SOLUTIONS

- Recovery
- Insurance
- Asset
- Construction & Mining
- Motorcycles
- Trailer monitoring
- Fleet Management

ST SUNLAB

Vehicle

LTE Cat. M1

06

ST4305 series

ST4315 series

07

ST4345 series

ST4345LB

08

ST4215U `NEW`

LTE Cat. 1

09

ST8300 series   ST8310U series   ST8310UM `NEW`

LTE Cat. M1

VEHICLE

ST4305 series

`LTE CAT M1` `2G`

14pin Advanced Vehicle Tracker

— Network: LTE Cat. M1/ NB-IoT/ 2G

— Extensions available in connection with ST25T, ST20U

— I/O: 14pin

— Rechargeable backup battery: 450mAh

— Variable models: ST4305R/ RE

ST4315 series

`LTE CAT M1` `2G`

Essential functionality, various Variable models

— Network: LTE Cat. M1/ NB-IoT/ 2G

— I/O: 6pin

— IP67

— Rechargeable backup battery: 220mAh

— Variable models: ST4315U/ W/ R/ RW

LTE Cat. M1

ST4345 series

`LTE CAT M1` `2G`

Compact Size Waterproof Tracker

— Network: LTE Cat. M1/ NB-IoT/ 2G

— I/O: 8pin or 6pin

— IP67

— Rechargeable backup battery: 450mAh

— Variable models: ST4345R/ LC/ LB

ST4345LB

`LTE CAT M1` `2G`

Low-cost BLE Waterproof Tracker

— Network: LTE Cat. M1/ NB-IoT/ 2G

— BLE supported

— I/O: 5pin (1 Ignition + 1 input + 1 output)

— IP67

— Rechargeable backup battery: 450mAh

Company Introduction

Product Catalog Vehicle

Product Catalog Asset

Product Catalog OBD

Product Catalog RF

Product Catalog ETC

ST SUNLAB LTD.

Product Catalog
Vehicle

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LTE Cat. M1

VEHICLE

NEW

ST4215U

`LTE CAT M1` `2G`

Compact size Low-cost Tracker

— Network: LTE Cat. M1/ NB-IoT/ 2G

— I/O: 6pin or 5pin

— IP67

— Rechargeable backup battery: 220mAh

LTE Cat. 1

VEHICLE

ST8300 series

`LTE CAT1` `2G`

**14pin Cat. 1 Advanced Vehicle
Tracker**

— Network: LTE Cat. 1/ 2G

— Extensions available in
  connection with ST25T, ST20U

— I/O: 14pin

— Fleet management solution

— Rechargeable backup battery:
  450mAh

ST8310U series

`LTE CAT1` `2G`

**Low-cost Cat. 1 Tracker with
essential functionality**

— Network: LTE Cat. 1/ 2G

— I/O: 6pin or 5pin

— IP67

— Rechargeable backup battery:
  220mAh

ST8310UM `NEW`

`LTE CAT1` `2G`

**Ultra compact size LTE Cat. 1
Tracker**

— Network: LTE Cat. 1/ 2G

— I/O: 6pin or 5pin

— IP67

— Rechargeable backup battery:
  220mAh

Asset

Large capacity battery

12
ST4955 LCBW `NEW`
ST4915 LCBF `NEW`

13
ST4955 series
ST4915 series

14
ST4335
ST4945B

Compact size

16
ST4930 `UPCOMING`
ST4932 `UPCOMING`

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ST4290(L)
ST4945(S)

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Large capacity battery

NEW

ST4915 LCBF

`LTE CAT M1` `2G`

Low-cost long term used BOT Tracker with BLE & Wifi

— Network: LTE Cat. M1/ NB-IoT

— BLE 5.4 supported

— Primary battery: 57Ah

— IP67

— Multi GNSS
Improved Location Accuracy,
Extremely Low Power Consumption

— Wi-Fi Geolocation Available

NEW

ST4955 LCBW

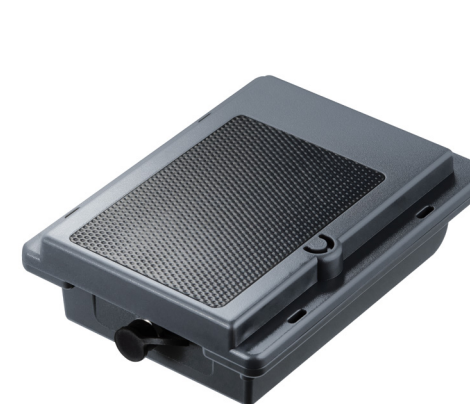`LTE CAT M1` `2G`

Low-cost BLE Solar Tracker with 1-wire

— Network: LTE Cat. M1/ NB-IoT/ 2G

— BLE 5.4 supported

— Multi GNSS
Improved Location Accuracy,
Extremely Low Power Consumption

— Rechargeable battery:

— 5.2Ah/ 7.8Ah/ 10.05Ah (*Option)

— IP67

Large capacity battery

`ASSET`

ST4955 series

`LTE CAT M1` `2G`

LTE Solar BOT Tracker

— Network: LTE Cat. M1/ NB-IoT/ 2G

— Battery charging with solar panel

— BLE 5.4 supported and Wi-Fi positioning (*Option)

— Rechargeable battery: 5.2Ah/ 7.8Ah/ 10.05Ah (*Option)

— IP65/ IP67

— 27 hours working (30min report)

— Temperature, Humidity, Barometric pressure (*Option)

— Variable models: ST4955B/ DS/ BDS

ST4915 series

`LTE CAT M1` `2G`

Sleek, rugged BOT Tracker for up to 7 years

— Network: LTE Cat. M1/ NB-IoT

— BLE 5.4 supported and Wi-Fi positioning (*Option)

— Primary battery: 57Ah

— IP65/ IP67

— Lugged case with 4 holes to fix

— Internal light sensor for door monitoring

— Temperature, Humidity, Barometric pressure (*Option)

— Variable models: ST4915B

Company Introduction

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Large capacity battery

ST4335

LTE CAT M1   2G

15pin Hybrid Tracker

— Network: LTE Cat. M1/ 2G

— BLE supported (*Option)

— Rechargeable battery: 5.2Ah/ 7.8Ah/ 10.05Ah (*Option)

— I/O: 15pin
   Big battery and low consumption
   Lugged case for harsh environment

— IP67

ST4945B

LTE CAT M1   2G

Large Capacity Battery Operated Tracker

— Network: LTE Cat. M1/ 2G

— BLE supported (*Option)

— Rechargeable battery: 18.2Ah

— IP67

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Compact size

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NEW

ST4932
`LTE CAT M1` `2G`

Rechargeable BOT with Universal Protocol

— Rechargeable Battery: 5.9Ah
— IP67

NEW

ST4930
`LTE CAT M1` `2G`

Primary BOT with Universal Protocol

— Network: LTE Cat. M1/ NB-IoT/ 2G
— BLE 5.4 supported (*Option)
— Primary Battery: 12Ah
— Multi GNSS
  Improved Location Accuracy, Extremely Low Power Consumption
— Light-sensor/ Built-in 6-axis accelerometer & gyro sensor
— IP67

Compact size

ASSET

ST4290(L)
`LTE CAT M1`

Compact size BOT Tracker (long-life time)

— Network: LTE Cat. M1
— Primary battery: 8Ah/ 19Ah(L)
— Magnet Cradle Available
— IP67

ST4945(S)
`LTE CAT M1` `2G`

Compact size Asset Tracker

— Network: LTE Cat. M1/ NB-IoT/ 2G
— Rechargeable battery: 1,500mAh(S)/ 3,000mAh
— Magnet Cradle Available
— IP66

OBD

OBD

ST4505 Series

LTE CAT M1 | 2G

LTE OBDII Tracker

— Network: LTE Cat. M1/ NB IoT

— 16pin (J1962 connector)

— IP67

— Rechargeable battery: 350mAh

— Variable models: ST4505DO/ T

NEW

ST6560

LTE CAT M1 | 2G

New LTE OBDII Tracker

— Network: LTE Cat. M1/ NB IoT — Improved Location Accuracy

— BLE supported — Rechargeable battery: 90mAh

— 16pin (J1962 connector)

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RF

RF

NEW

ST4410G

LTE CAT M1 2G RF

LTE Carton-Box Tracker

— Network: LTE Cat. M1/ NB-IoT/ 2G

— Dual Solution (LTE + RF433MHz)

— Jamming detection

— Rechargeable battery:
  2,750mAh

— Concurrent GNSS Location

ST410MG Series

2G RF

RF Carton Box Tracker

— Solution (GSM/GPRS
  + RF433MHz + GPS)

— Rechargeable battery:
  2,750mAh

— Jamming detection

— Application: Cargo/
  Merchandise/ Asset Tracker

— Variable models:
  ST410M/MGC

ST419NG Series

2G LORA

RoLa Carton Box Tracker

— Solution (GSM/GPRS
  + RF900MHz + GPS)

— Rechargeable battery:
  2,700mAh

— Jamming detection

— Application: Cargo/
  Merchandise/ Asset Tracker

ETC

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ETC

ST25T

Extension

— 6pin + 8pin
— BLE communication(*Option)
— Option: RS232, RS485, Input, ADC, Serial Camera
— J1939, J1708, RS485, RS232 x3

ST20U

Extension

— 6pin + 8pin
— Option: RS232, RS486, Input, ADC, Serial Camera
— J1939, J1708, RS232