



Improves efficiency and reduces costs of your asset management

# DIWI

## GOODS TRACKING AND MONITORING

- Fully automatic
- Battery-operated
- Compatible with standard navigation systems
- Condition logging and monitoring



### Time saving

Workers do not fill out forms or scan goods, managers do not have to actively maintain a survey of asset deployment.

### More effective use of goods

Because the system provides an up to date survey of your assets, down-time can be prevented and effective deployment is within reach.

### Prevents human errors

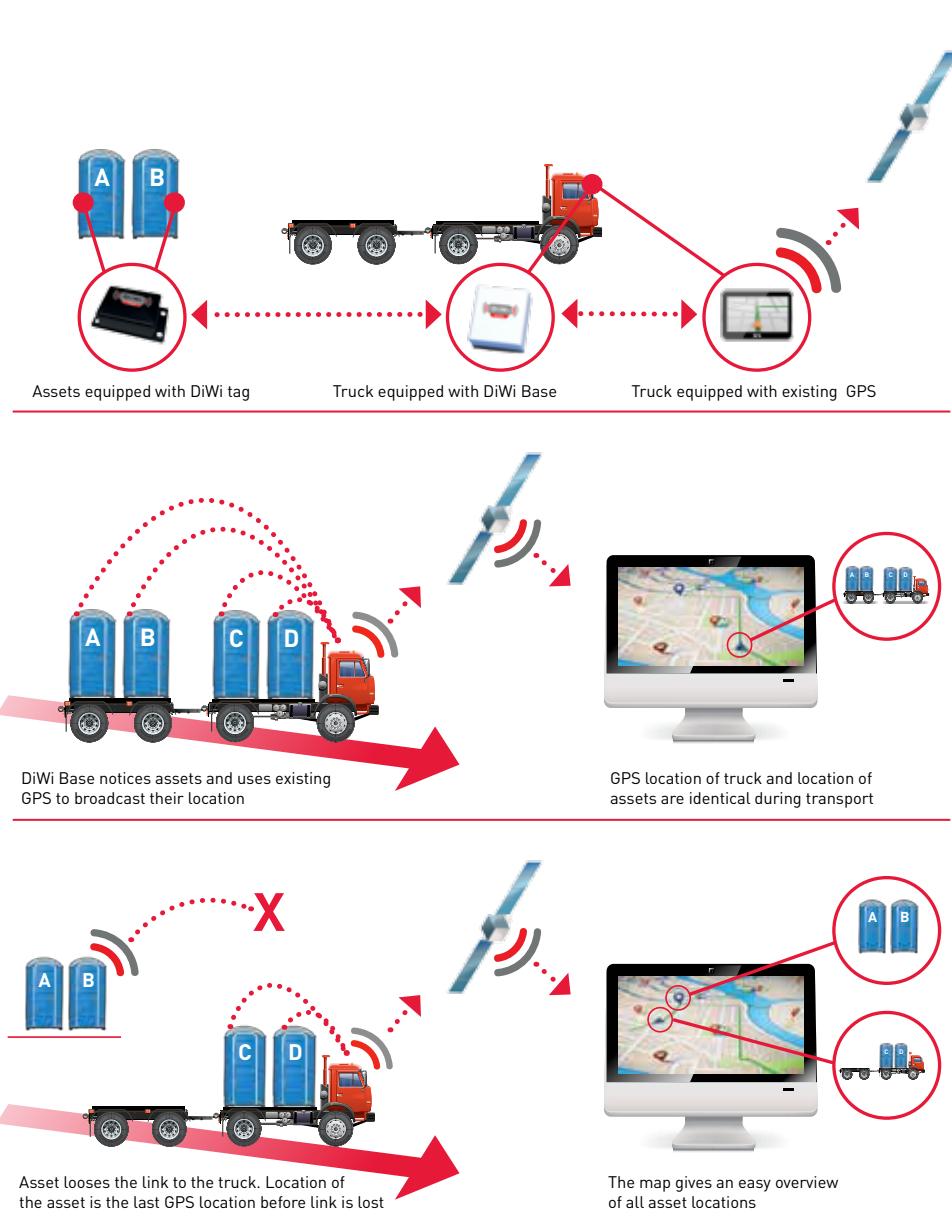
Because the system works automatically, no human interventions such as scanning codes or manual entry or filling out forms is necessary, human error is minimal.

### Reduces labour costs

Because the system does not require manual scanning, filling out forms or manual entry, labour costs can be reduced.

### Quality assurance

The DiWi tag can easily be extended with a variety of sensors which constantly track the condition of your assets.



### Principle

**Small, cost-effective system that uses existing GPS systems in a truck to track your valuable assets.**

Add a small active tag to your assets, that makes use of existing hardware, so that you will be able to know where your container, pump, crane etc. is dropped off. The tag uses so little energy that it can last up to 3 years\*. The flexible setup of the tag allows to have sensors connected to monitor its movement, temperature etc.

Because the tag has memory and an on-board clock, it can also be used as data logger.

The software provides immediate access to the whereabouts of your assets, [arrange pick-up of assets].

\* Depending on transmitting interval and connected sensors



### Wireless sensor

Analogue and Digital sensors can be attached.  
For example:

- Temperature
- Humidity (RH)
- Acidity (pH)
- Movement

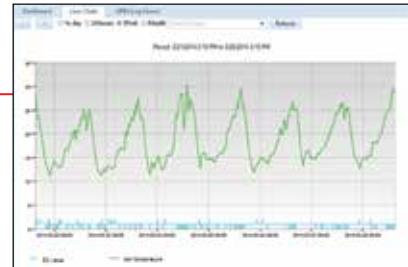


### DiWi for Fleet management

DiWi tags can be used to identify which trailer is used by which truck. But it can do more; during transport DiWi loggers can measure temperature, humidity and provide information about the status of the load carried. Another possibility is monitoring the doors opening-closing.

### DiWi for Rental equipment

DiWi tags can be equipped with a vibration sensor to detect motion. This can be used to monitor how long a piece of equipment has been used or to detect unauthorized use.



### DiWi for Climate control

The DiWi is a wireless sensor. This can be useful in other ways besides logistics. The DiWi sensor network can provide valuable information about temperature, humidity, soil moisture and more.

An example: the information provided by the DiWi system can help optimizing climate conditions in greenhouses.



### DiWi versus Barcodes

Tracking your assets by identifying them with a barcode label requires a line of sight and relies on the accuracy of a driver. DiWi does not involve human interactions to keep track of your goods.

### DiWi versus GPS tracker

DiWi is not a GPS-system by itself. It uses the GPS of transport vehicles to operate. Unlike GPS-systems for goods, the DiWi tags are small, the battery can last up to three years and the required investment is significantly lower.



## Dorset ID

Since 1989 we have been involved in developing RFID reading equipment and custom electronics.

We offer a wide range of quality transponders and reading equipment. In addition, embedded software and PC applications are developed by our own engineers. Our products are used worldwide for identification of animals, logistics, inventory as well as security applications and access control.

**Dorset Identification B.V.**  
Weverij 26  
7122 MS Aalten  
The Netherlands  
Tel. +31 (0) 543 47 71 19  
Fax +31 (0) 543 47 53 55  
E-mail id@dorset.nu

**WWW.DORSET.NU**

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