

# Guaranteed quality and safety in the cold-chain

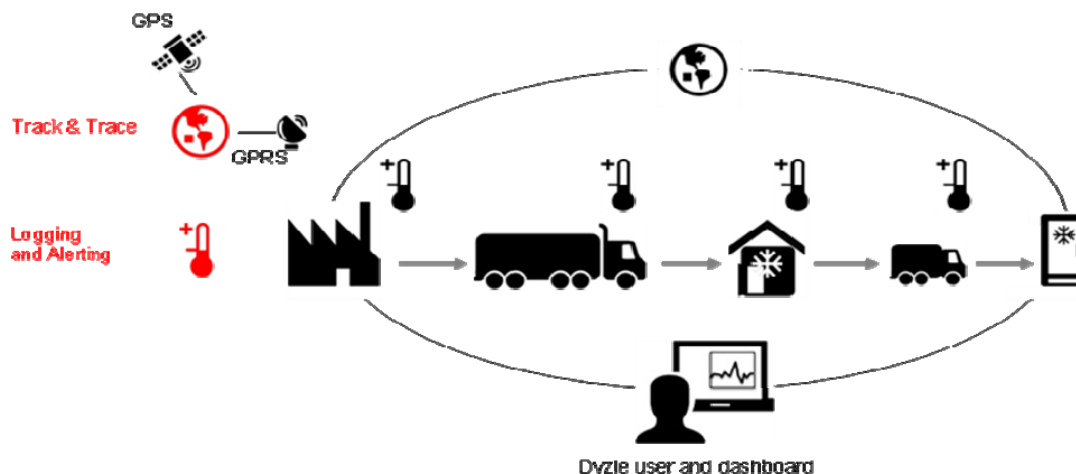
**Always the right temperature for your products - effortlessly**

A new way of guaranteeing the quality of your refrigerated or frozen products in real time has been launched for any Quality Assurance manager, logistics manager, transport manager etc. Dyzle has developed smart sensors that automatically keep an eye on the temperature of the environment and refrigeration 24/7. These innovative sensors provide quality control and recording and users no longer need to do anything themselves.

## No worries

With Dyzle sensors, the user no longer needs to check anything. They save time and relieve you of worry. The user knows at all times that the refrigeration is operating properly and that projects are stored at the correct temperature.

The temperature is monitored in real time even during transport. The quality of your products is monitored every 5 minutes. In addition to monitoring quality during production processes, storage or transport, you can also track the distribution of products. Based on a GPS signal, you can see where your vehicles and products are at any time. You can receive an alarm by e-mail or SMS if there are any deviations from the preset route, an unplanned stop or if the vehicle door is left open for too long. Of course, you can track the location of the vehicle and the quality of the products via your personal dashboard on the Internet.



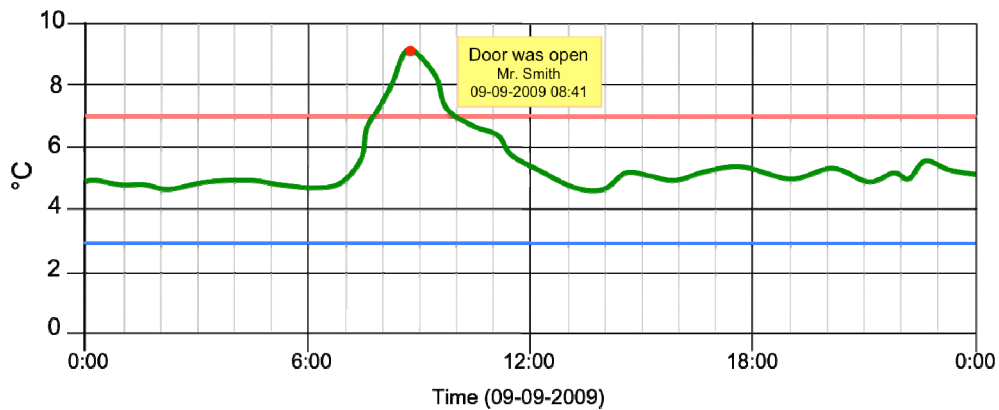
**DyzleLiveWare®** tracks products, both location and condition, throughout the chain 24/7 in real time.

## Alarms

A measurement is taken every 5 minutes, which can be tracked in real time via a web application. You can set every sensor to defined limit values. An alarm will be issued as soon as these limit values are exceeded. The e-mail and/or SMS can be sent to as many addresses as you want. You can set how often and for how long you want to receive an alarm. One example relating to the HACCP (food safety) and GMP/GDP standard is that the alarm will be repeated if it is not actively acknowledged on the Internet.

## Reporting

You, the user, can also have reports created automatically using the data in the dashboard. For example, any user can automatically create a report for the VWA check or HACCP registration. It is also simple for the user to integrate data in reports from suppliers who work with the DyZle system as well.



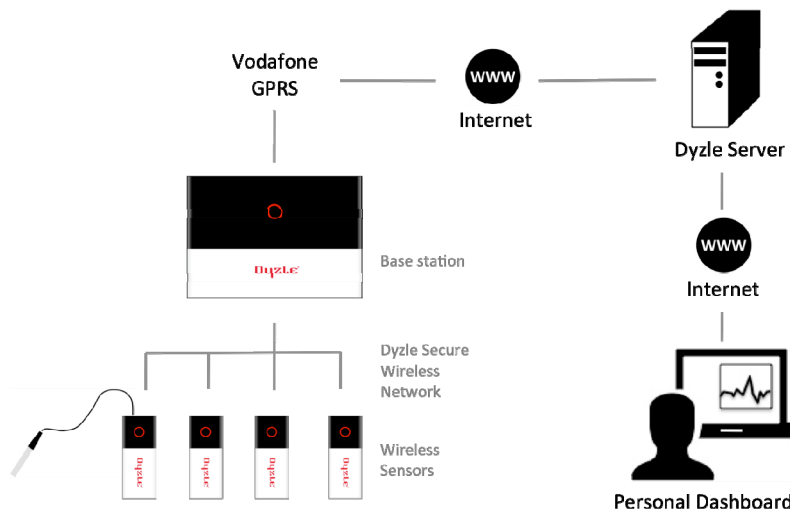
A graph of your personal dashboard on the Internet with SMS alarm and e-mail alarm

### Quality guarantee

You can have an e-mail sent automatically to the customer when the vehicle reaches the delivery address. The e-mail can contain specifications of the quality of distribution of the product up to the time of delivery. This allows you to give a 100% quality guarantee for the transport of products.

### The system

The DyZle solution is entirely wireless and hence can be installed anywhere as plug and play. The wireless sensors run for 2 years on one battery. The variants can record a large number of different values such as temperature from -85°C to +200°C, location via GPS, door open/closed and relative humidity. The sensors transmit their information to a base station which also contains GPS and is in contact with the DyZle server via the mobile phone network. The data is stored here so that you can always view it on the Internet via your personal dashboard. No software needs to be installed for your DyZle application, which prevents unnecessary problems within your ICT system.



The sensors measure and communicate with the central DyZle server wirelessly every 5 minutes via the base station.

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