



ZANOTTI

Global Refrigeration Solutions

THE BEATING DIGITAL HEART

ZTREC 

Zanotti Total Remote Equipment Control





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POWERED BY **DIGIT STUDIOS**

WHAT IS ZTREC?

It is an evolved hi-tech electronic apparatus to be installed on refrigerated vehicles equipped with Zanotti refrigeration units, developed in collaboration with the market leader. **ZTREC** is able to localize the vehicles and to keep track of the route and journey recording many important information automatically and independently.

ZTREC digital heart is controlled by a real micro-computer with an integrated **GPS system** to receive the exact geographic position from 24 satellites which are covering the entire planet.

ZTREC is not only localising the vehicle through GPS capability, but it is constantly in communication with the Zanotti refrigeration unit, allowing continuous monitoring and visualization of alarms, of diagnostic and parameters interfacing. **ZTREC remote diagnostic capability and Zanotti Service Centres intervention request support** are helping a faster and better regular servicing of the refrigerated unit and breakdowns solution. All these information are sent via GPRS system to the internet and are accessible and manageable from any internet enabled computer.

WHO IS IT FOR?

ZTREC is targeting mainly large and medium food transportation companies, transport refrigeration service centres, but also smaller companies who wishes to improve their productivity always keeping situation under control and optimizing efficiency.

THE BEAT

A collage of images showing the ZTREC software interface. It includes a computer monitor displaying a fleet tracking map with the text 'Real time Fleet localisation', a 3D surface plot representing temperature data with the text 'Recording and monitoring of the internal temperature of the cargo.', and a control panel with various buttons and indicators for refrigeration unit alarms, with the text 'Refrigeration unit alarms monitoring (interfacing between Zanotti refrigeration unit electronic card and ZTREC system)'. The Zanotti logo is also visible in the top left of the collage.

ZANOTTI

Real time Fleet localisation

Recording and monitoring of the internal temperature of the cargo.
Access to this data is made possible with a simple internet connection.

Refrigeration unit alarms monitoring (interfacing between Zanotti refrigeration unit electronic card and ZTREC system)

ING DIGITAL HEART

ZTREC is a system equipped with a Zanotti unit total control which allows the remote operators to access the functions of the refrigeration unit electronic card as if they were effectively in front of the unit.

Management of regular servicing and breakdowns.

ZTREC is including a database with names and location of all Zanotti Service Centres which remain continuously updated. In case of a refrigeration unit breakdown ZTREC will show the alarm and will suggest the nearest Zanotti Service Centre to the vehicle position. It is possible then to request the service intervention to the suggested Service Centre simply selecting that from the program.

ZTREC system will then start automatically a service intervention request to the Service Centre by sending an SMS or an e-mail indicating all the necessary information about the unit, alarm status, breakdown type.

Through an optional handheld PC it is possible to manage this procedure directly from the vehicle.

Route Planning Optional

Through a developed IT system ZTREC is optimizing routes reducing customer fleet costs and increasing efficiency and service to the end customer.





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