

THERMOLOGISTICS

PRO



Web based Cold Chain Information System

powerful
web based
cold chain
logistics
information
system

Web based cold chain information system

INTRODUCTION

Thermologistics Pro is a powerful web based solution to manage cold chain logistics information.

It includes high tech devices for data logging, mobile data input and upload, software applications and services to help you on keeping the control, improve your operations efficiency and save money.

DATA LOGGERS

Sophisticated data loggers are available to meet your specific needs. Whatever your requirements are – single use or multi use logger; capacity for short or long trips; standard or high resolution; low error; discrete or with high visibility; automatic or manual download; RFID; with or without alarm indicator; wireless communication; CRF21 compliant – we have the right device for you!

SOFTWARE APPLICATIONS

A powerful, yet simple to use, web application provides 24/7 access from any location with Internet connection.

Because the tools you use should adapt to your business logic, and not the other way around, Thermologistics Pro has been designed to be highly customizable.

Reports, charts, analysis tools, complex data mining, integration with third party applications and many other features are there to help you accomplish your task quick and easily.

Secured communications, user based roles and permissions, along with password protected access give you the confidence that your data is safe and protected.

MOBILE DEVICES

In many situations relying solely on a desktop computer to enter data, program and download loggers is impractical and may render a system unusable. With this concern in mind Thermologistics Pro includes support for mobile devices to accomplish those tasks, empowering the users with the same functionality as if they where using a computer.

SERVICES

To further assist you and make your life easier, several Thermologistics Pro services are available such as: training, support, automated notifications, configurations, customizations, data logger collection and download.

APPLICATIONS

- Agri-food cold chain
- Pharmaceutical
- Industrial products



SIMPLE AS 1 - 2 - 3!

1 - CREATE A TRIP RECORD

In a computer at the back office, or using a mobile device, a trip record is created, information about it is filled in and data loggers are assigned to it. Thermologistics Pro is designed to adjust itself to your business workflow, therefore a trip record can be created before, after or at the exact time a shipment is being physically handled.

Besides the basic information – such as the shipping date – Thermologistics Pro features user configurable fields. These fields allow a high level of customization such as: preloaded lists, mandatory fields, dependent fields and special tracking fields.

2 - PROGRAM AND PLACE DATA LOGGERS

The shipping personnel places the data loggers in the product boxes or palettes. Depending on the type of data logger it may be necessary to activate it or program its parameters. The programming can be done using a desktop computer or a mobile device.

All this can be accomplished whether you are online or offline with Thermologistics Pro database.

3 - DOWNLOAD DATA OR RECOVER LOGGERS AT DESTINATION

When a shipment reaches its destination, depending on your business workflow and data logger model, the receiver may download the logged data directly into Thermologistics Pro database or send the data loggers to us for download.

In case you use single trip loggers they can be thrown away afterwards. For multi use loggers the receiver will return them back to you or, if you have requested that service, we will handle the process for your convenience.

DATA ANALYSIS

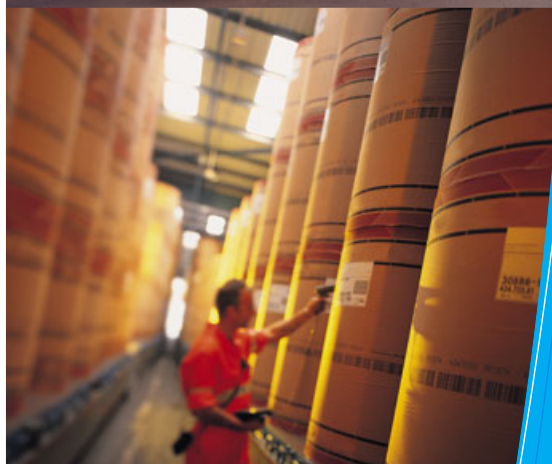
Information is power. Thermologistics Pro includes powerful tools where you can use filters and pivot grids to select and analyse data. This can be useful for many purposes: to evaluate your carriers performance, spot potential problems, evaluate trends or whatever you needs are.

Despite the advanced Thermologistics Pro features and incredibly friendly user interface, you may prefer to use your own analysis tool. Therefore all data can easily be exported for your convenience.

AUTOMATIC NOTIFICATIONS

Because you have the need to know, Thermologistics Pro generates automatic notifications when predetermined events occur. For example, you may want your surveyor to receive a fax with the trip information and temperature chart when a trip arrives at destination. Or perhaps you may want to receive an SMS if alarms have been generated for a shipment, so you can take corrective actions immediately.

A highly configurable matrix of options allows you to define the trigger parameters and conditions.



Technology building blocks

iBUTTON THERMOCHRON®/HYGROCHRON®

The world smallest, digital and reusable temperature and temperature/humidity loggers.

Encapsulated in a tough stainless steel capsule, with the size of a watch battery, these loggers are built to last.

RFID TEMPERATURE LOGGERS

These loggers feature the unmatched ease of operation of wireless. You can forget the cables and the delay in searching the logger in the shipment. Whether your logistic process calls for handheld terminals or complete automated scanning, we have the right RFID logger for you.

TEMPERATURE RECORDERS

These devices are meant for single use and are ideal for business models that are not compatible with reusable loggers. They are the direct replacement of traditional paper chart recorders, providing you the same ease of operation with the added benefits of retrievable data. And at a fraction of the cost.

THERMOLOGISTICS PRO APPLICATION

Web based application available 24/7 in any location with Internet access.

THERMOLOGISTICS PRO EXPRESS

Windows application to create trip records and program loggers. This application is very usefull at remote sites where Internet connexion is not available.

WEB AND DATA SERVER

The web application and database run in high performance dedicated servers which are hosted in a data centre with 24/7 monitoring, direct Internet backbone connection, controlled environment and restricted access.

SECURITY

Physical and electronic access to the database server is restricted to authorized personal for maintenance operations only. Along with automated daily backups give you the peace of mind of knowing your data is kept secured at all times.



For detailed informations about
Thermologistics Pro, please, visit us at:

www.thermologistics-pro.com

250.100.00500 (EN) REV A

Tv. Venceslau de Morais, 4-1B
2400-260 Leiria · PORTUGAL
T +351 244 852 222
F +351 244 852 221
www.eclo.pt
info@eclo.pt

