



RealTrace Terminal

This software is a tool supplied free of charge to all users of the FRID Realtrace Bluetooth reader. It enables the Bluetooth communication to be automatically restored between a PC running on Windows and the RFID RealTrace reader if it is cut.

You will find that once the communication has been established between a PC and the RealTrace reader both appliances which were previously paired up remain connected providing that they are separated by no more than 10 meters. The communication is cut if the distance is over 10 meters, and a search and pairing up must be performed to restore transmissions.

The communication is also cut when the RealTrace reader switches off after several minutes on standby to save energy in the 9 volt battery.

The lost communication in both these cases is connected to the way Bluetooth technology operates as well as the Windows operating system.

The « Realtrace terminal » software reduces this problem by enabling communication between a PC and the RFID reader to be quickly and easily restored.

Initial parameterization of the « RealTrace Terminal » software

After installing the software on your PC, click on « *File* » then « *Properties* » then enter the Bluetooth's communication port number as well as the following data :

- *bits per second* : 9600
- *data bits* : 8
- *stop bits* : 1
- *parity* : none
- *flow control* : none

Using the software

« *File* » menu

The « *Save* », « *Delete* », « *Print* » and « *Leave* » functions are standard.

When selected, the « *Link to an application* » function enables the data sent by the reader to a PC to be linked with a Windows application, simultaneously with the display in the « *RealTrace Terminal* » window.

« *Connection* » Window

If there is a break in the communication between the PC and the reader simply select « *connect* » to automatically restore connection after a maximum period of 15 seconds.

The time remaining before the automatic connection is displayed in the window in the bottom right of the screen. Obviously the reader must be switched on before reconnection can occur, and it must be within a radius of 10 meters of the PC which itself must be functioning.

« *Option* » menu

The « *display all the data* » heading enables the screen display of the data sent by the reader to be modified. If this heading is selected all the characters received are displayed i.e. the order number, type of transponder (EM4102, FDXA, FDXB, HDX), chip identifier number and CRC.

If the « *display all the data* » heading is not selected, only the order number and identifier are displayed on the screen.