

Date: June 16, 2004
Product: Z-Max & FAST Survey
Subject: Bluetooth connection
Number: Z_Max2004_06

Introduction:

What's the difference between Fast Survey V1.50.020 and the previous one?

Bluetooth improvements have been implemented in the latest FAST Survey V1.50.020. Once the first connection to your Z-Max receivers is complete, the Z_Max receiver parameters are saved in the terminal memory, receiver name and PIN number. The Factory default settings are the Receiver serial number as the receiver name and '12345' as the receiver PIN. It is not necessary to enter the PIN each time you start FAST Survey once everything has been set up properly. After selecting the unit from the receiver list, the connection time to the Z-Max is about 20 seconds whereas it is 25 seconds in the FAST Survey version V1.21 (Build 32).

Known Problem:

Occasionally, the bluetooth connection can increase up to 60 seconds due to a reason under investigation. When this long connection time occurs, exit Fast Survey and perform a soft reset.

On the Juniper Allegro, hold down the on/off button for about eight seconds.
On the Symbol PDT8100, press simultaneously the light button, Func button and End Button.
Then, run Fast Survey again, the bluetooth connection should work normally now.

Reminder:

The bluetooth driver must be compatible with the operating system running on your field terminal and the terminal type itself. The Juniper Allegro and the Symbol PDT8100 are the two types of terminals recommended by Thales Navigation. Each field terminal has its own bluetooth driver. Make sure the correct driver has been installed on your field terminal. If the wrong bluetooth driver has been installed on your field terminal, remove the Socket bluetooth card from the terminal and remove the current bluetooth driver in Start/Settings/Control Panel/Remove Programs.

See the upgrade document to install the Bluetooth software and driver on your terminal. Bluetooth files and upgrade documents for both Juniper Allegro and Symbol PDT8100 can be found in the ZMax_System folder on the Thales Navigation FTP site at:

<ftp.thalesnavigation.com>

Due to the built-in Bluetooth antenna location on the Z_Max Front panel, the Bluetooth radiation angle is quite narrow. Therefore better communication results are achieved when the field terminal is placed in front of the receiver.