

IoT Targeting User Guide

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Revision history

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Approval

Name	Position	Signature	Date
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1 Introduction

IoTargeting is Target System and is a perfect Product for Target training.

IoTargeting Hardware contains two types of devices: 1) MT [Master Target] and 2) ST [Smart Target].

Here MT acts as a Gateway plus device while ST is just a node device. Multiple ST can be connected with MT to play different and interesting game modes.

2 Application

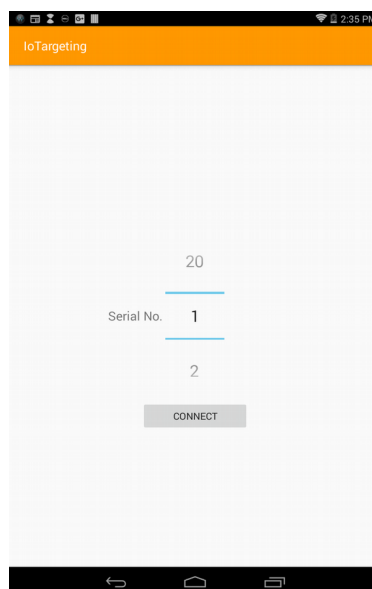
2.1 Getting Started

Turn ON MT and you can see the RED LED's blinking at the top.

To get started with IoTargeting, install IoTargeting.apk in Mobile Phone. Open the Application.

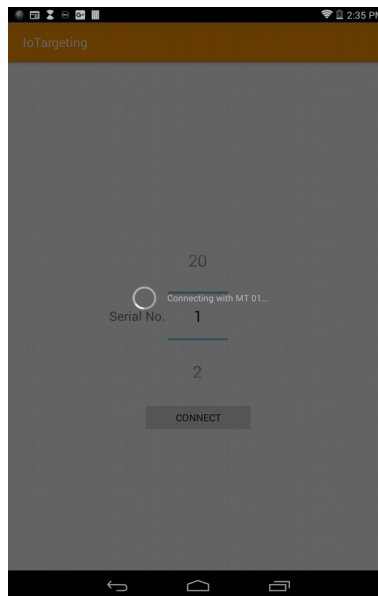
2.2 Connect with MT

Find serial number attached on MT. Connect to that serial number.



2.3 Connecting to MT

User Should see the screen giving notification, connecting to MT.

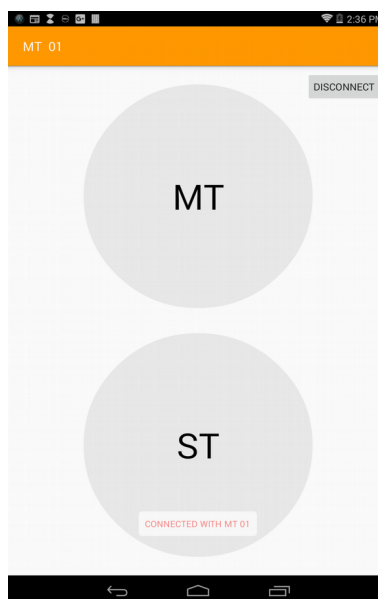


2.4 Connected with MT

User gets below screen when connected with MT.

Once MT gets connected just turn on an ST, it will have blinking Green LEDs indicating connecting mode.

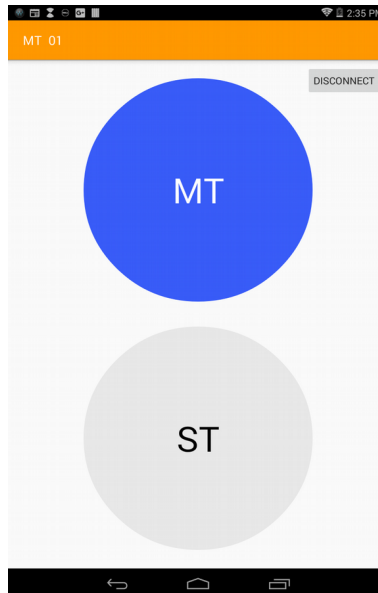
Once ST gets connected to MT, Green gets stable.



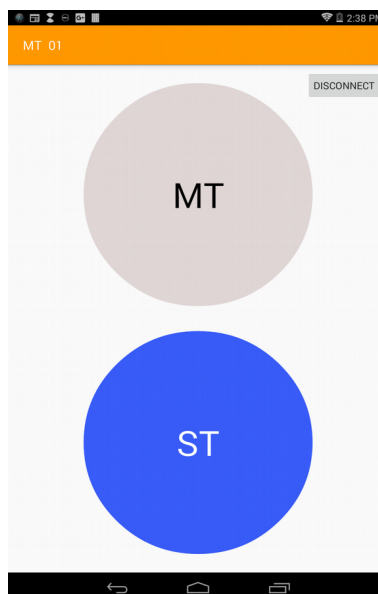
2.5 MT and ST LED ON

When user touch on MT, MT LED Turns ON with Blue Colour. When ST is touched, ST LED turns ON with Blue Colour.

When MT LED is ON,



When ST LED is ON,

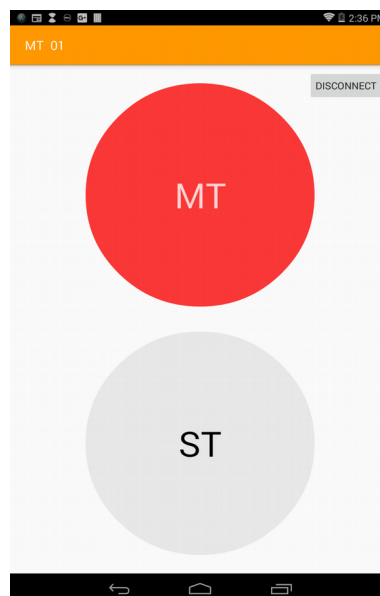


When ST and MT both LED ON,

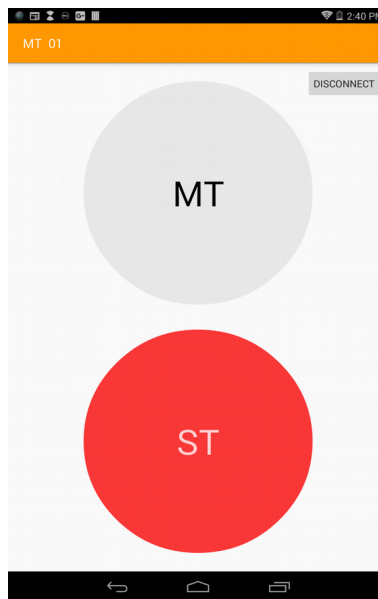


2.6 Hit Detection

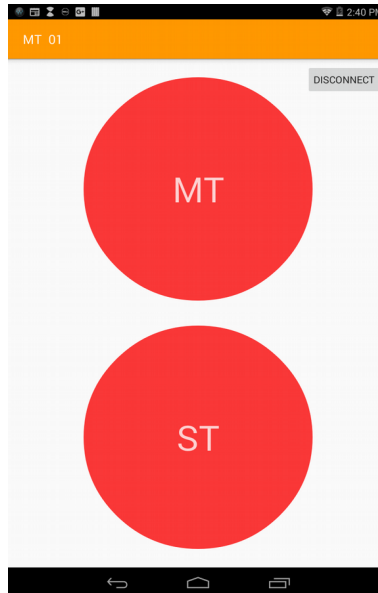
When MT is hit, Application shows the Hit with Red colour for 2 Seconds.



When ST is hit,

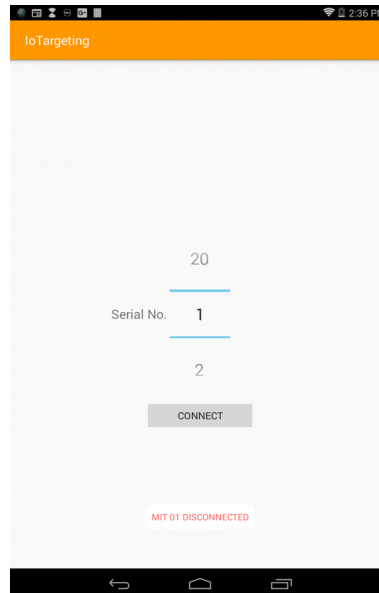


When ST and MT both hit simultaneously,



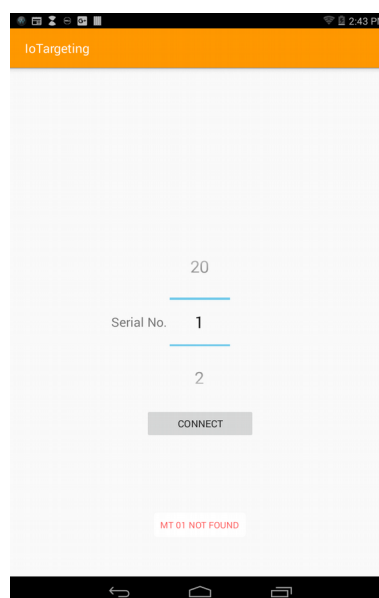
2.7 Disconnect from MT

To disconnect from connected MT, press Disconnect button on screen. Application will show notification for the same as follows:



2.8 MT is not accessible

When given serial number MT is not available, it gives error as follows:



FCC statement

This device complies with Part 15 of the FCC Rules: Operation is subject to the following two conditions:

1. This device may not cause harmful interference and
2. This device must accept any interference that is received, including any interference that may cause undesired operation.

This device is acting as a master device itself and operating in the 2.4 GHz (2412 ~2462 MHz) band.

Ad Hoc function is supported but not able to operate on non-US frequencies. Do not use the device with the environment which below minimum -10 °C or maximum over 50°C .

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radio Frequency Exposure Statement for IC

The device has been evaluated to meet general RF exposure requirements.

The device can be used in fixed/mobile exposure conditions. The min separation distance is 20cm.