Introduction

This guide explains how to wirelessly connect an Android or Wear OS device to perform an acquisition, a scan, or screen capture.

This document applies to the following applications		
ADF PRO **PRO**	Mobile Device Investigator **MDI**	

Accessing the Wireless Connection Wizard

1. From the Scan screen or the Acquire and Screen Capture Enter Information screens, click the **Add Device** button.

2. In the modal window, select **Android / Wear OS Wireless**.

3. The **Android / Wear OS Wireless Connection Wizard** will appear.

Connect to an Android / Wear OS Device Wirelessly

Selection Option: ● Android ○ Wear OS

Steps to Connect Wirelessly to an Android Device:
- Make sure both this computer and the Android device are connected to the same network.
- On the Android device, complete the following actions:
  - Go to Settings > About phone and tap Build number seven times to enable Developer options.
  - In Developer options, select Wireless debugging - enable Wireless debugging (select "Always allow on this network" if prompted) > Select Pair device with pairing code and keep dialog message open.
- Pairing Process:
  - If the device is listed below, select it and enter in the Wi-Fi Pairing Code displayed on the Android device.
  - If not discovered, manually enter the IP Address, Port, and Pairing Code from the same menu.

↻   No Android device found. Searching...

Target device paring code:
Mandatory field. Enter a valid code.

Target device IP address:
Mandatory field. Enter a valid ip address.

Target device port:
Mandatory field. Enter a valid port.

| OK | CANCEL |

4. Select the device operating system:
   ○ Android
   ○ Wear OS
Based on your selection, the relevant connection steps will be displayed within the modal.

Connecting an Android Device Wirelessly

Requirements

- The computer and the Android device must be on the same Wi-Fi network.
- Developer mode and Wireless Debugging must be enabled on the Android device.

Steps

1. On the Android device:
   - Go to **Settings > About phone**.
   - Tap **Build number** 7 times to enable **Developer options**.
   - Go to **Settings > System > Developer options**.
   - Enable **Wireless debugging**.
   - Select **Pair device with pairing code** and leave the dialog open.
2. On the desktop application:
   - If the device is automatically listed, select it and enter the **Wi-Fi pairing code**.
   - If not listed, manually enter the **IP address**, **port**, and **pairing code**.
3. After successful pairing:
   - Go to **Wireless debugging** on the Android device.
   - Enter the **port number** shown in the app.
   - Select **OK** to complete connection.

Connecting a Wear OS Device Wirelessly

Requirements

- The computer and the Wear OS device must be on the same Wi-Fi network.
- Developer mode and Wireless Debugging must be enabled on the watch.

Steps

1. On the Wear OS device:

- Go to **Settings > Display** and ensure **Screen timeout** is set to 1 minute.
- Go to **Settings > About Watch**.
- Tap **Build number** 7 times to enable **Developer options**.
- In **Developer options**, enable **ADB Debugging**.
- Select **Wireless debugging** and enable it.
- Choose **+ Pair new device** and keep the dialog open.

2. On the desktop application:
   - If the device is listed, select it and enter the **pairing code** displayed on the Wear OS device screen.
   - If not listed, manually enter the **IP address**, **port**, and **pairing code** from the pairing screen.

3. After successful pairing:
   - On the Wear OS device, go to **Settings > Developer options > Wireless debugging**.
   - Enter the **device port number** in the field below.
   - Select **OK** to complete the connection.