Previewing a Mobile Device

Introduction

This guide covers how to quickly preview an Android or iOS device without the need to run a logical acquisition first.

This document applies to the following applications		
ADFPRO Mobile & Computer Triage	MDI Mobile Device Investigator	

What is the Preview Mode?

The Preview mode makes it possible to review files and artifacts of mobile devices without conducting a logical data acquisition. In this mode, after the connection with the mobile device is established, the viewer is displayed and presents the files and artifacts on demand.

Previewing a Mobile Device

To preview a mobile device, navigate to **Home** > **Investigate Device** > **Preview**.

Connecting the Mobile Device

Here are the instructions to preview a mobile device:

- On the **Enter Information** screen, enter the following:
    - **Source**: click on the **Add Phone** button to connect the mobile device as explained in this section of the Acquiring a Mobile Device guide. Note that the mobile device connection wizard should appear automatically when no connected device is found.



By default, multimedia files transferred from an iOS device are converted. Sometimes this conversion fails which in turns corrupts the MTP connection and prevents any further files from being transferred.
We highly recommend changing the transfer mode to “Keep Originals”. This option can be found on the iOS device in Settings > Photos > TRANSFER TO MAC OR PC. Change from “Automatic” to “Keep Originals”.

    - **Destination**: select the parent folder where the acquired data will be saved.
    - **Preview Name**: the name of the folder where the acquired data will be saved.

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- To add a form (as explained in the Managing Forms guide), click the **Forms** button located in the toolbar on the right-hand side.
- When ready, click on the **PROCEED** button to start the preview.
- The application collects some basic information from the device and after a few seconds the viewer is displayed.

A valid license needs to be present for the duration of the preview. It can be a computer license, an ADF Authentication Key, or a licensed ADF Collection Key.

Using the Viewer in Preview Mode

This section covers the specificities of the viewer in Preview mode. For a complete description of the viewer see the Reviewing Scan Results guide.

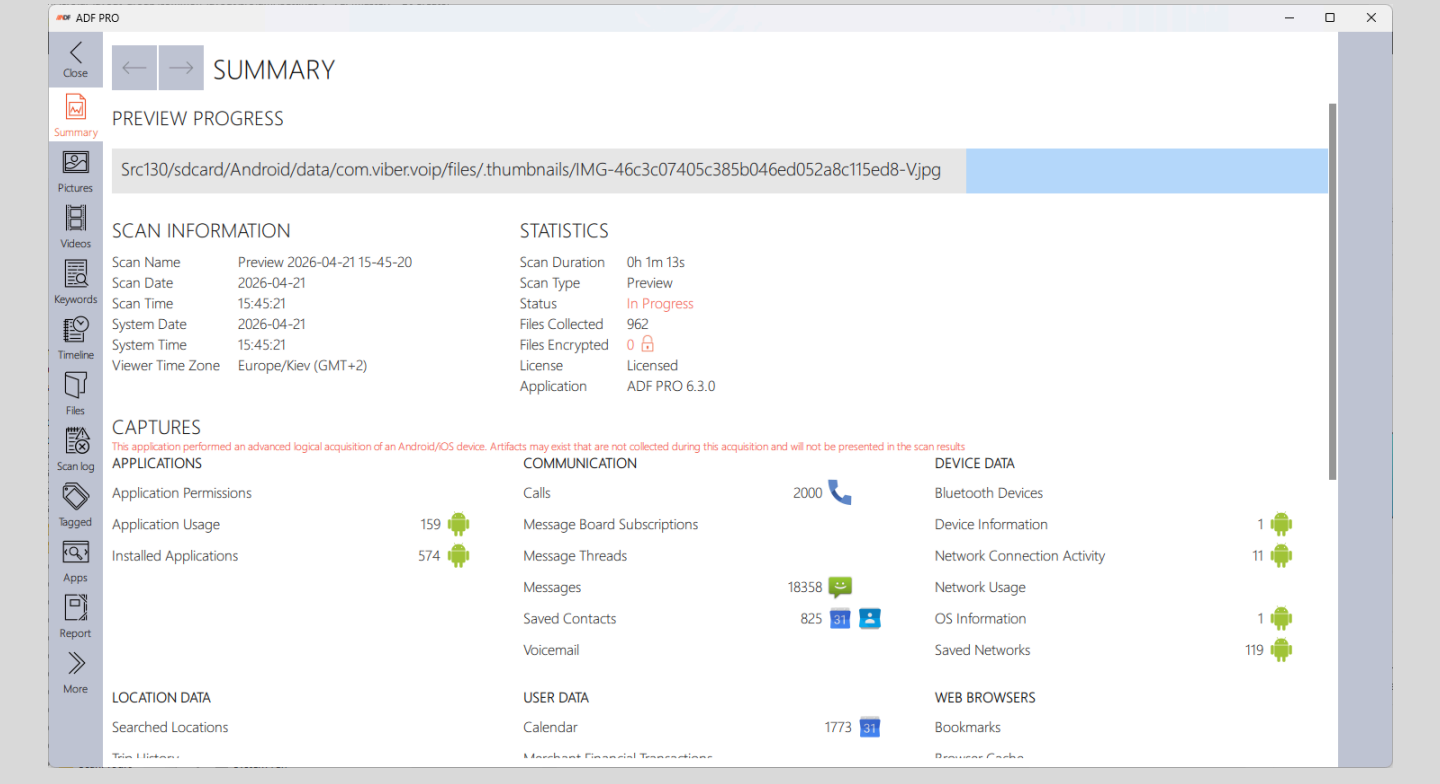
Navigation Toolbar

The Navigation toolbar is used to access the data views. The **Close** button terminates the Preview mode and goes back to the **Home** screen.

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Summary View

The first screen displayed is the **Summary** view.



It contains the **PREVIEW PROGRESS** section that indicates which files are being collected and the progress bar indicates how many files have been collected out of the total number of files that could be collected.

The **CAPTURES** section shows which artifacts are collected. The Capture name is disabled until the artifacts have been collected, at which point it is possible to click on the name to open that view.

Capture Views

The Capture views display the artifacts that have been collected as soon as they become available.

For iOS devices, the artifacts can only be collected once the complete iTunes backup is finished.

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Pictures, Videos, Files Views

It is possible to navigate to these views immediately even though files are still being collected. The files are displayed as they become available.

Timeline View

This view is only updated when accessed and not in real-time. To see the latest activities, leave the view and go back to it.

Creating a Report

It is possible to create a report while in Preview mode. If some files, included in the report, have not been fully processed and collected, the report will only contain their basic properties.

Information Collected and Sequence of Collection

On Android devices, the following data is collected in parallel:

1. Artifacts via the backup agent
2. Artifacts via the ADB backup apps data
3. The following files in this order:
    a. Pictures
    b. Videos
    c. Documents
    d. All the other files

On iOS devices, the following data is collected in parallel:

1. Essential artifacts (Installed Applications, Calls, Messages, Saved Contacts, Device Information, Calendar) via the iTunes backup process when available. This phase is skipped for encrypted iTunes backups.
2. The following files in this order:
    a. Pictures
    b. Videos
    c. Documents
    d. All the other files
3. When the iTunes backup process finishes, all the artifacts are processed. Encrypted iTunes backups are processed at that time.

The file collection sequence adapts based on the user interactions. For example, if the pictures are being collected, but the user navigates to the Videos view, then the video files get a higher collection priority.

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