Configuring the ADF Application

Introduction

This guide covers how to configure some settings to modify the ADF application's behavior.

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

Settings

The **Settings** screen can be accessed from the **Home > Settings** button. It contains the following sections: **Licenses**, **Software Update**, **Default Timestamp Display for Scan Results**, **Appearance**, **Default Scan Results Tags**, **Scan Information Fields**, and **Data Paths**.

Licenses

This section presents all the license files saved on this workstation. License files are backed-up after a new install or update, and each time a new license is discovered on an Authentication Key or Collection Key. Computer-locked licenses are also presented and saved in the same location.
The following actions are offered when highlighting a license:

 Renew	To renew a license when the renewal has already been purchased. See more details in the "How to Renew a License File" section of the Installing the ADF Application guide.
 Delete	To delete a license file that has expired.
 Expand	To view more details about a license file notably, the product and modules the license is valid for.

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Software Update

This section indicates when a new version is available as described here.

Default Timestamp Display for Scan Results

This section sets the time zone in which the timestamps of scan results are displayed: Viewer Local Time (default), UTC, or any other time zone. Viewer Local Time is the time zone detected on the scanned target(s) before the scan, shown as Detected Viewer Time Zone in the Scan Information section of the scan result's Summary. If no time zone can be detected on the target(s), the time zone of the computer that ran the scan is used (UTC for boot scans). This setting applies to every scan result that does not have its own time zone preference yet. A different time zone can be selected for a single scan result with the Selected Viewer Time Zone property in the same section.

Appearance

This section sets the color theme of the ADF application: Light, Dark, or System (default), which follows the app mode selected in Windows (Settings > Personalization > Colors). The System option shows the current Windows mode in brackets, for example System (Dark). The new theme is applied when the OK button is clicked.

Default Scan Results Tags

This section enables the allocation of a default **Tag Name** for each of ten (10) available tags. Tags are described further here. Changes to the default tag names will not be applied retroactively to previous scan results. To rename a tag double click on the highlighted name and type in the new name or click on the **Rename** button. In subsequent scan results the new tag names will be available.

These tag names can also be changed manually in the config.json file (see below).

Scan Information Fields

By default, at the start of a scan, the user is requested to input a scan name, a scan date, a scan time and an optional case number. If additional fields are required, these fields can be defined here by specifying the name of the field in the row containing the prompt “Enter new field name…”. It is also possible to enter a default value that will always be presented and is editable. Any field with the mandatory check box selected must be completed prior to the scan commencing.

Data Paths

This section shows the default file locations of Search Profiles, Scan Results, mobile device acquisitions, exported reports, license backup, whitelists and Forms and they can be changed via the folder browser dialog button.
These paths can also be changed manually in the config.json file (see below).

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Setting	Default Location	Data Stored
Search Profiles	C:\ProgramData\ADF Solutions Inc\v4\SPro	This folder contains the default and user-created search criteria packaged in a Search Profile.
Scan results	C:\ProgramData\ADF Solutions Inc\v4\ScanResults	This folder contains the results of scans carried out by the ADF application and any scan results backed-up from Collection Keys.
Acquisitions	C:\ProgramData\ADF Solutions Inc\v4\Acquisitions	This folder contains the advanced logical acquisition of mobile devices.
Exported reports	C:\Users\<user>\Desktop	This folder contains the reports created from scan results. By default the reports are saved to the user's Desktop.
Licenses backup	C:\ProgramData\ADF Solutions Inc\v4\LicBackup	This folder contains the backed-up licenses and the computer-locked license.
Whitelists	C:\ProgramData\ADF Solutions Inc\v4\Whitelists	This folder contains the hash values organized in whitelists.
Forms	C:\ProgramData\ADF Solutions Inc\v4\Forms	This folder contains the html forms that have been created outside of the ADF application.

Config.json



This is an advanced topic and only experienced users should attempt to modify the config.json file.

Some additional settings are available in the config.json file which can be edited manually. This file is located at \Users\<USER ACCOUNT>\AppData\Local\ADF Solutions Inc\<PRODUCT NAME>\ and it contains the following sections:

Display Default Captures

To show or hide the default Captures change the "show" value to true or false. It is important not to manually change the Capture names.

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Make sure to check after each software update in case a Capture name has changed. Misspelled names will be ignored.

```
"Display Default Captures": [
    {
        "name": "OS Information",
        "show": true
    },
...
]
```

Display Default Search Profiles

To show or hide the Search Profiles change the “show” value to true or false.



Make sure to check after each software update in case a Search Profile name has changed. Misspelled names will be ignored.

```
"Display Default Search Profiles": [
    {
        "name": "Intermediate - General Profiling",
        "show": true
    },
...
]
```

Scan Information Fields

To set the default scan information fields that are visible in the Settings screen.

```
"Exhibit Data": [
    {
        "mandatory": false,
        "name": "Office Name",
        "value": ""
    },
...
]
```

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Paths

To modify the data paths change the “value” to an existing folder. Make sure to use double-back-slash (\\) in the path to delimitate each folder. The “name” of each path is one of: “search profiles”, “scan results”, “phones backup” (Acquisitions), “export results” (Exported reports), “licenses backup”, “whitelists” and “forms”.

```
"Paths": [
    {
        "name": "search profiles",
        "value": "C:\\ProgramData\\ADF Solutions Inc\\v4\\SPro"
    },
...
]
```

Tags

To modify the tags change the “name” to reflect the desired new tag name.

```
"Tags": [
    {
        "level": 0,
        "name": "Level 0"
    },
...
]
```

Appearance

The theme selected in the Appearance section of the Settings screen is saved as the “ui mode” value: “system”, “light” or “dark”. This setting is not read from a secondary configuration file.

```
"User Experience": [
    {
        "ui mode": "system"
    },
    ...
]
```

Encrypt the Collection Key

To force the BitLocker encryption of the Collection Keys each time they are prepared.

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```
"Collection Key":
{
  "force BitLocker": true
},
```

Using the Same Configuration File Across Multiple Workstations

It is possible to use the same configuration file across multiple workstations. To do this, a secondary configuration file can be used. The path to the secondary configuration file has to be provided via command line when executing the ADF application.

```
adf.exe -config "path\name_of_config_file.json"
```

Note that the secondary configuration file is read-only so no settings in this file can be modified from within the ADF application. Also, the desktop application can use both the primary and secondary configuration files simultaneously, with settings in the secondary configuration file taking precedence.

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