

## Lab 2: Windows Acquisition Tools Module 2

### Objectives

- Perform acquisition using Belkasoft towards a USB drive.

### Software Preparation

1. Download and install Belkasoft on your machine. The download page for Belkasoft is:

<https://belkasoft.com/trial>

After filling out your information, you will get an email within one business day with a download link and instructions.

**Note: Belkasoft is not free software, the free trial is 30 days.**

#### Please choose the product to download

- ☒ **Belkasoft X** (trial version). *See trial limitations.*  
Acquire, examine, and analyze evidence from mobile, computer and cloud storage
- ☐ **Belkasoft T** (trial version)  
Perform effective triage analysis of Windows devices right on the incident scene
- ☐ **Belkasoft R** (trial version)  
Acquire data from remote computer and mobile devices in a forensically sound way
- ☐ **Belkasoft N** (trial version)  
Efficiently investigate hacking attempts of Windows computers
- ☐ **Belkasoft Live RAM Capturer** (freeware)

*Please provide a valid professional email. We will not accept applications from temporary emails or parked domains. We reserve the right to decline an application for fake details and even without any reasons.*

Your professional email: \*

PROCEED

### Perform data acquisition using Belkasoft

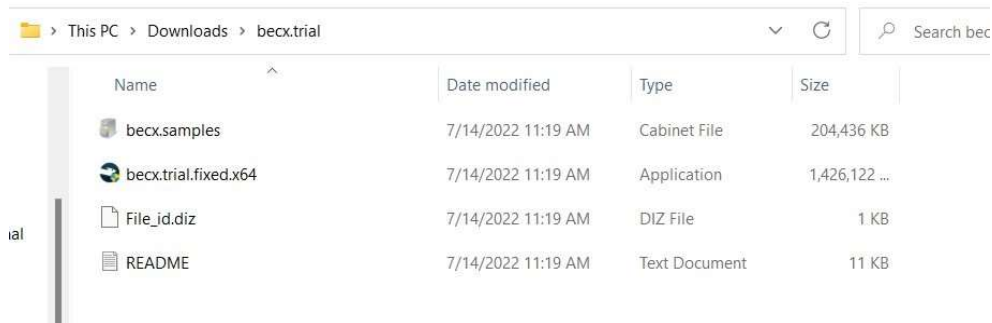
2. Prepare a USB drive, any size is fine, smaller size one is faster for acquisition. Connect the USB drive to the computer.

3. Download the Belkasoft folder. Double click "becx.trial.fixed.x64" to install Belkasoft.

**Note: Belkasoft is not free software, the free trial is 30 days.**

▼ Today (1)

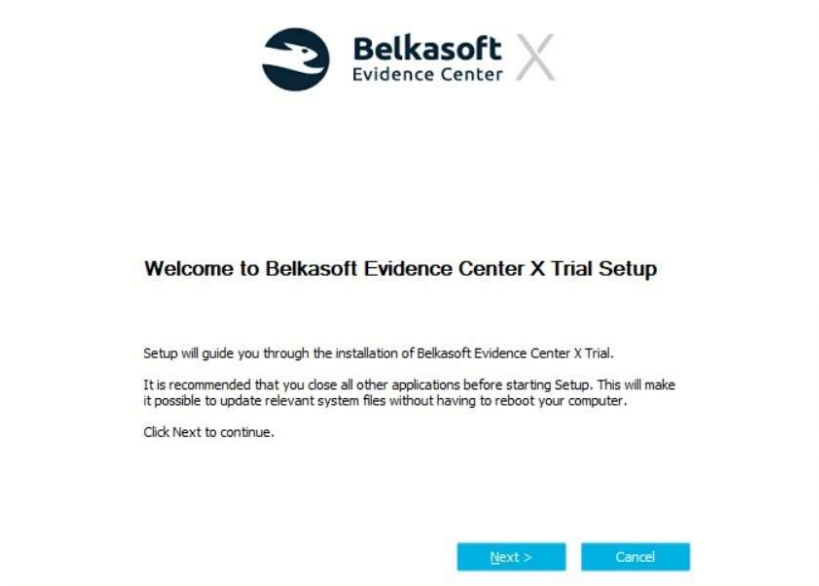
 becx.trial	7/14/2022 9:15 AM	Compressed (zipp...	1,624,947 ...
--	-------------------	---------------------	---------------



4. Choose language.



5. Click on “Next” to continue.



6. Check “I agree” then click on “Next” to continue.



#### License Agreement

Please review the license terms before installing Belkasoft Evidence Center X Trial.

Press Page Down to see the rest of the agreement.

LICENSE AGREEMENT  
END USER LICENSE AGREEMENT FOR Belkasoft Evidence Center X (EULA)  
IMPORTANT - PLEASE READ CAREFULLY  
This end user license agreement is a legally binding contract between yourself (as a natural or a legal person) and the company Belkasoft for the software product named above. By installing the software product, you declare your agreement with all conditions of the license agreement.

Please review the license agreement before installing Belkasoft Evidence Center X Trial. If you accept all terms of the agreement, click I Agree.

☒ I accept the terms of the License Agreement

< Back

Next >

Cancel

7. Choose the folder to install Belkasoft.



#### Choose Install Location

Choose the folder in which to install Belkasoft Evidence Center X Trial.

Setup will install Belkasoft Evidence Center X Trial in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Select the folder to install Belkasoft Evidence Center X Trial in:

C:\Program Files\Belkasoft Evidence Center X Trial

Browse...

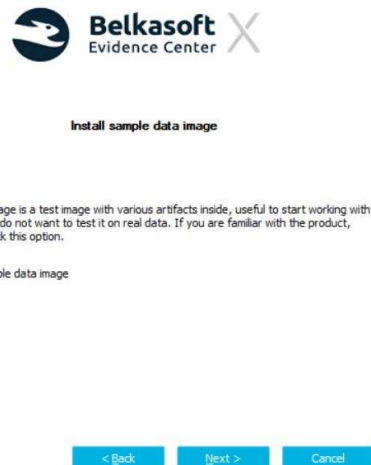
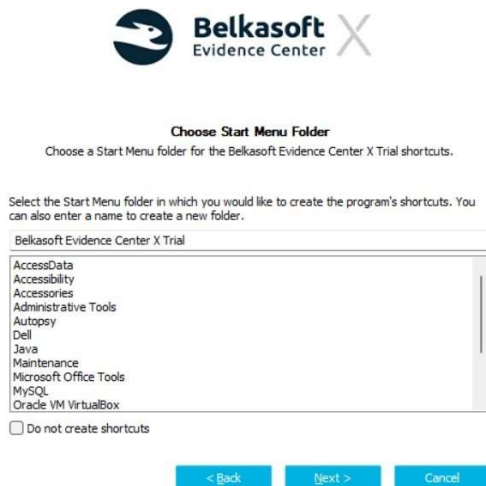
Space required: 2.2 GB  
Space available: 72.7 GB

< Back

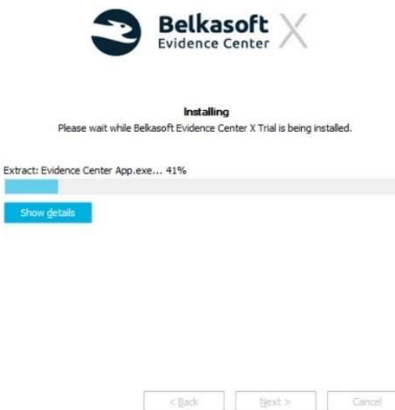
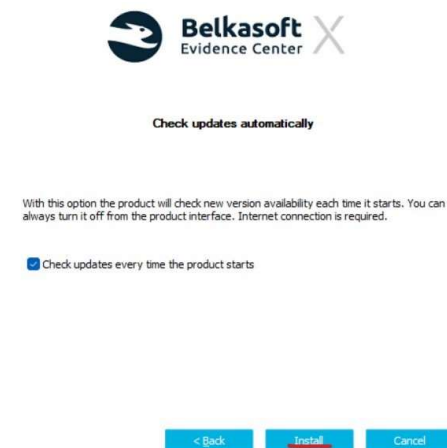
Next >

Cancel

8. Click on "Next" to continue.



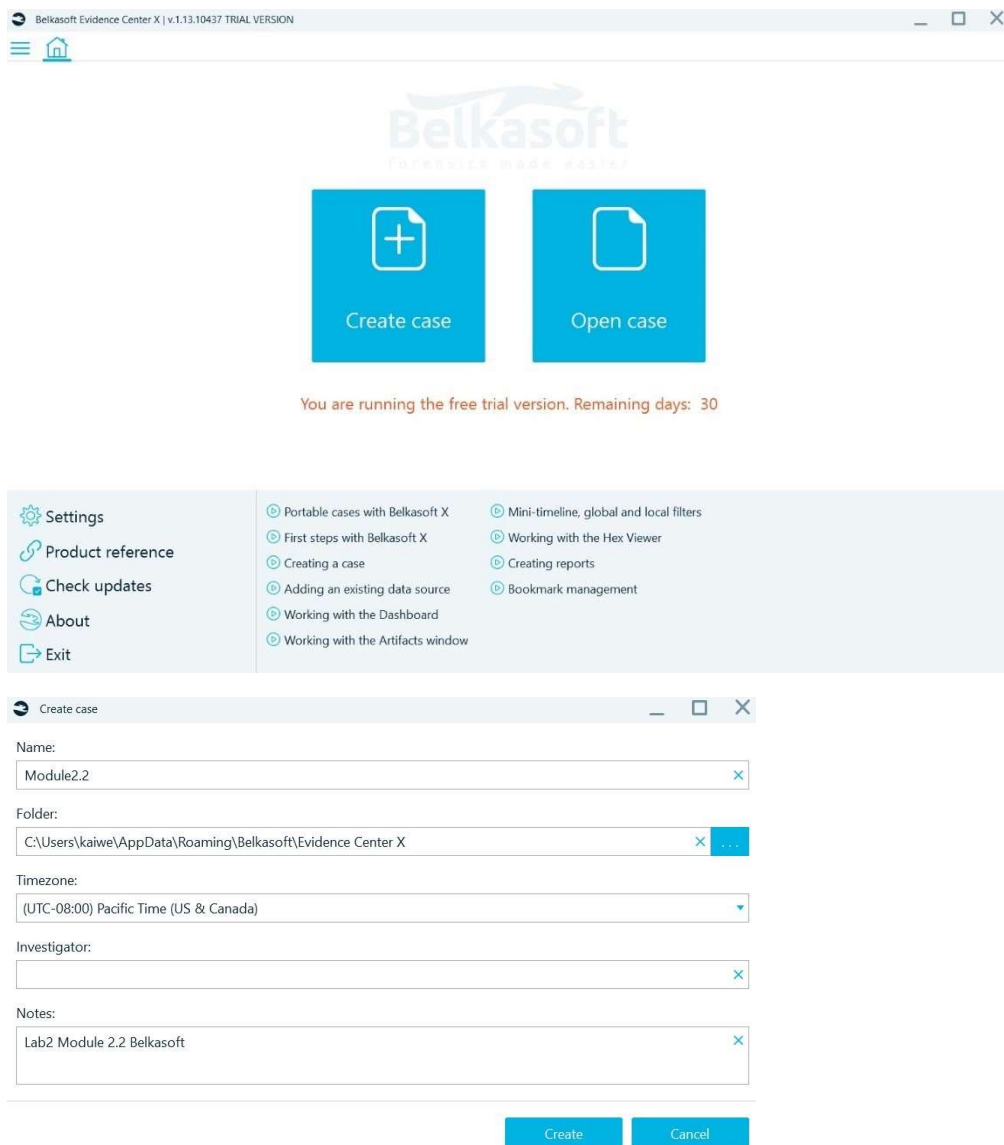
9. Click on “Install” to install.



10. Click on “Finish” to finish installation.

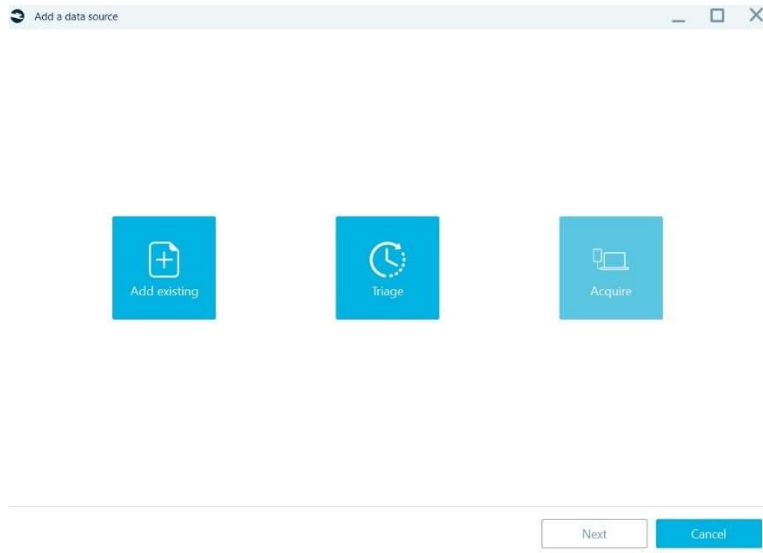


11. After installing Belkasoft, click on “Create case” fill out the case information. Then click on “Create” to create a new case.

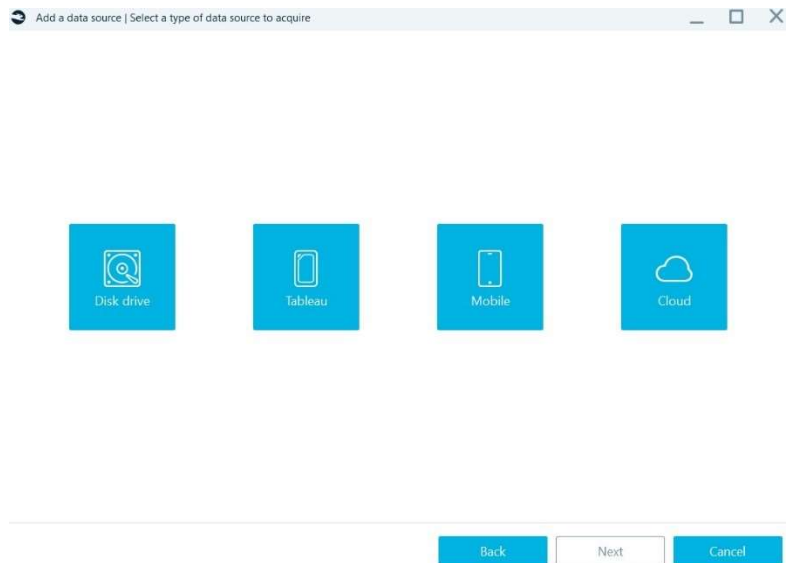


12. Then follow the instructions below to acquire data.

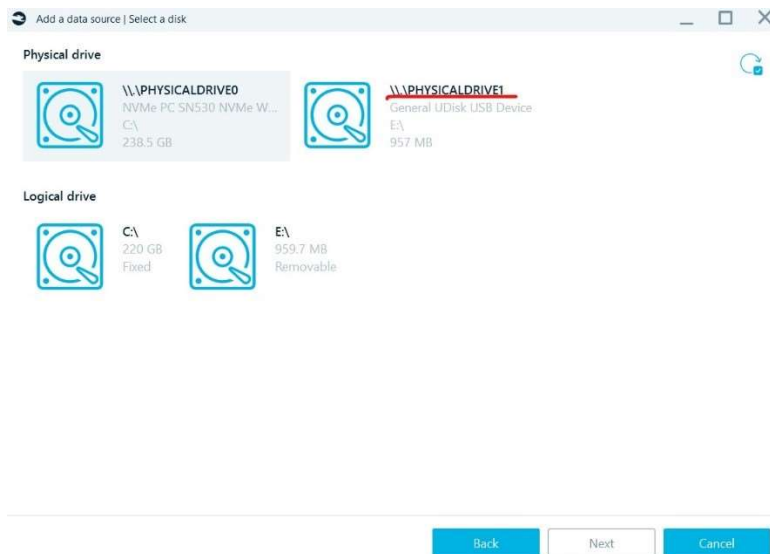
13. Click on “Acquire”.



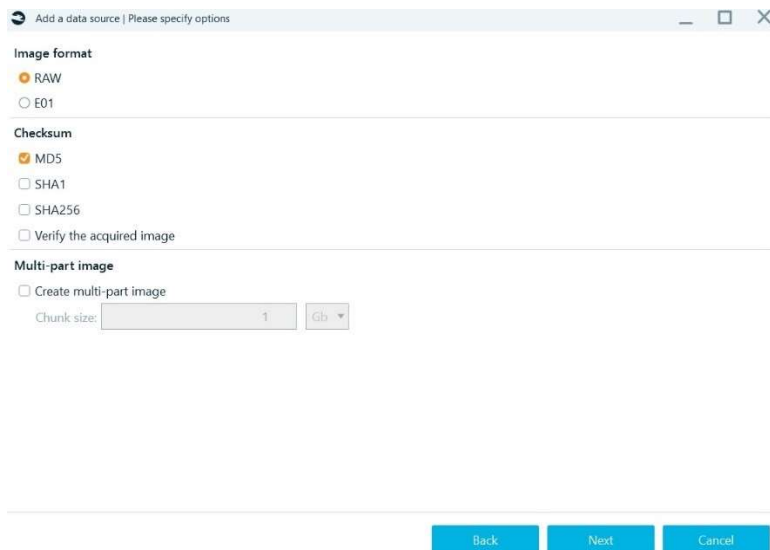
14. Click on "Disk Drive".



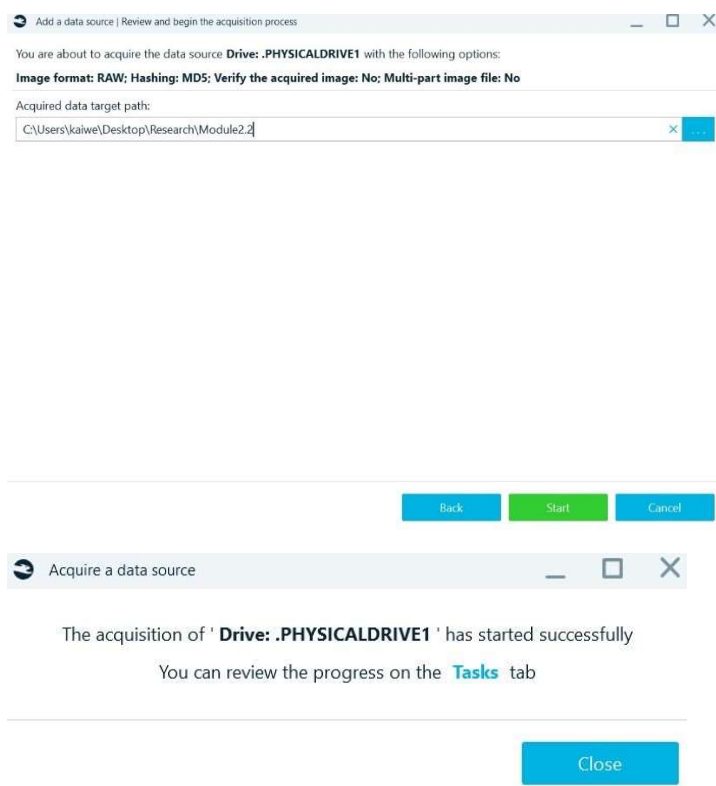
15. Choose the physical disk you want to do the data acquisition. In this case is "[\\.\PHYSICALDRIVE1](#)".



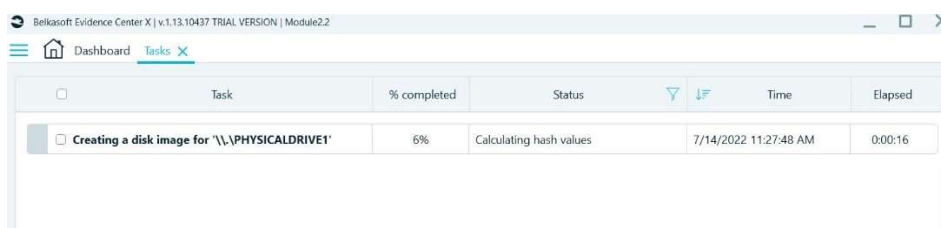
## 16. Check the MD5 box.



## 17. Choose the target path. Then click on “Start”, then acquisition will start automatically.

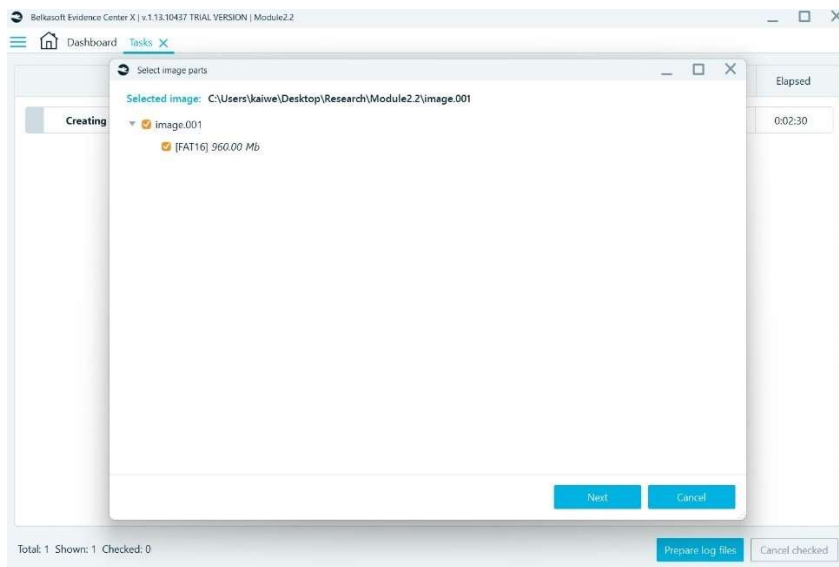


18. Click on “Task” tab, you will see the acquisition progress.

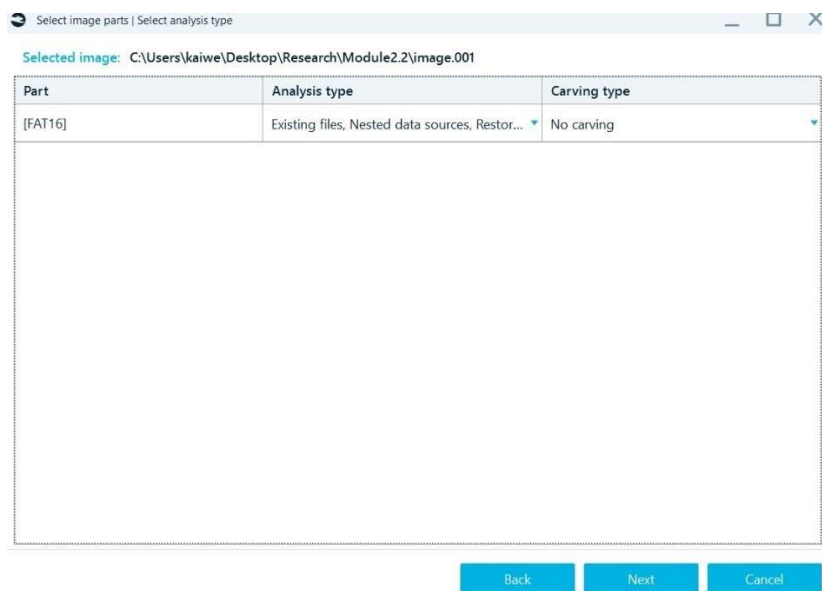


19. After the acquisition is finished, click on the “Next” on the popup window to continue.

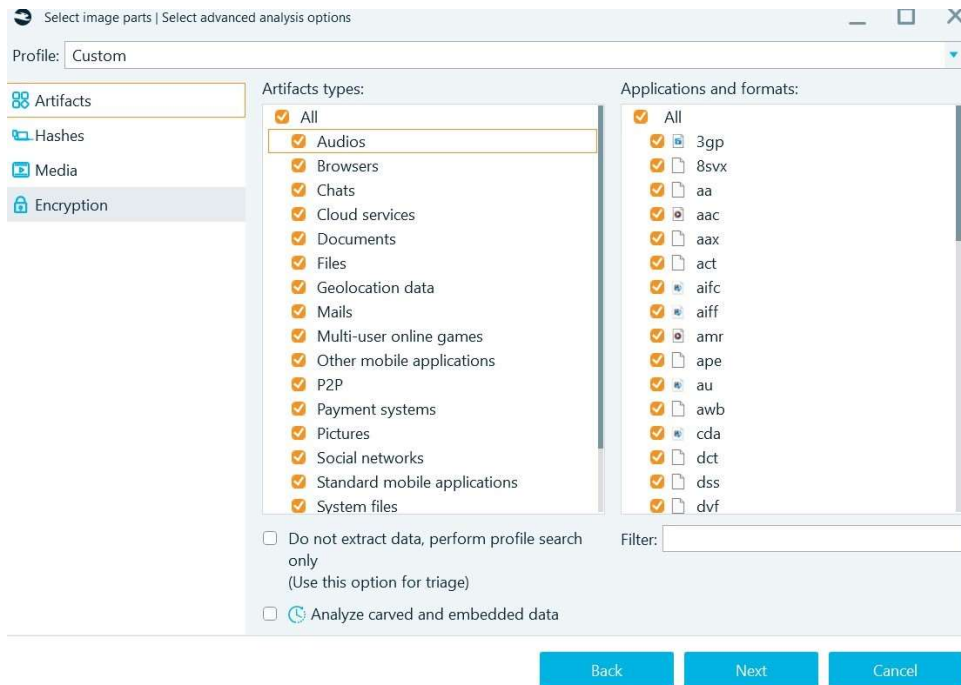




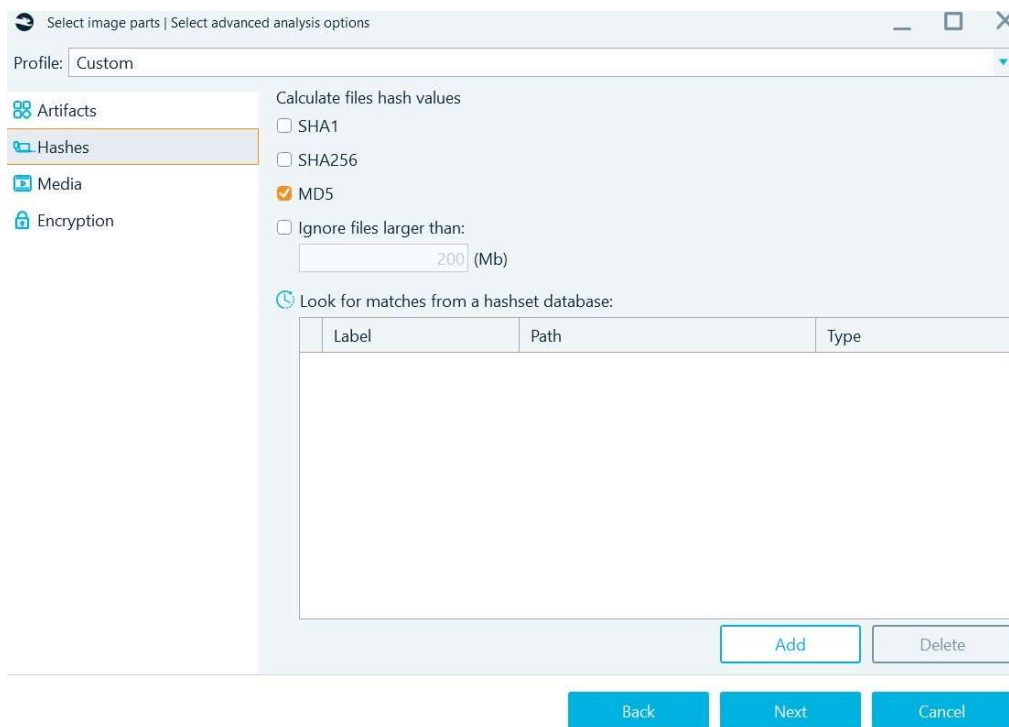
20. Click on “Next” to continue again.



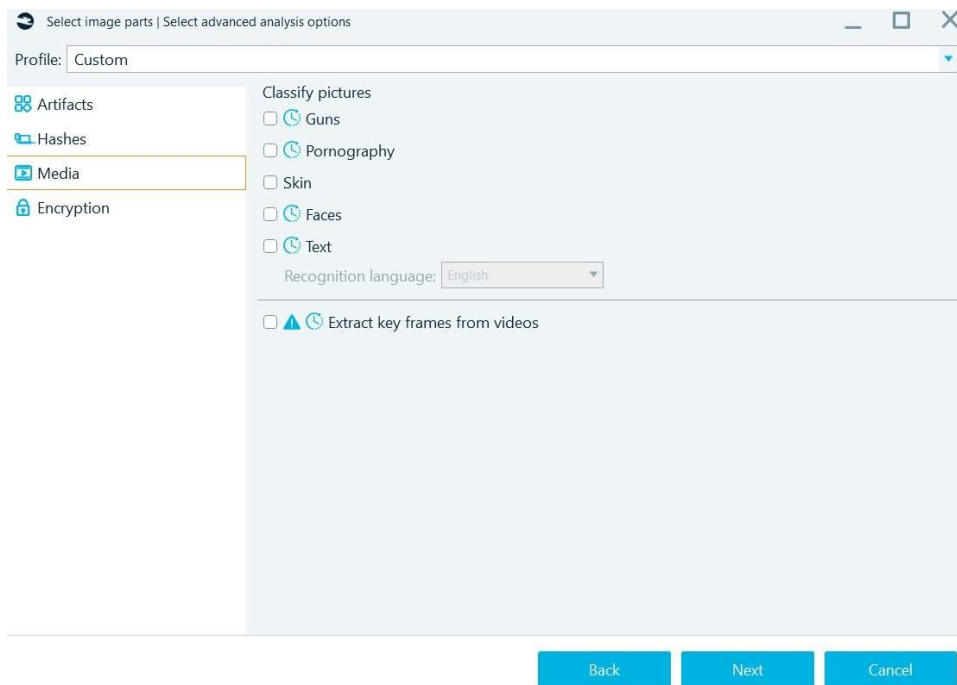
21. Keep the original setting and click on “Next” to continue.



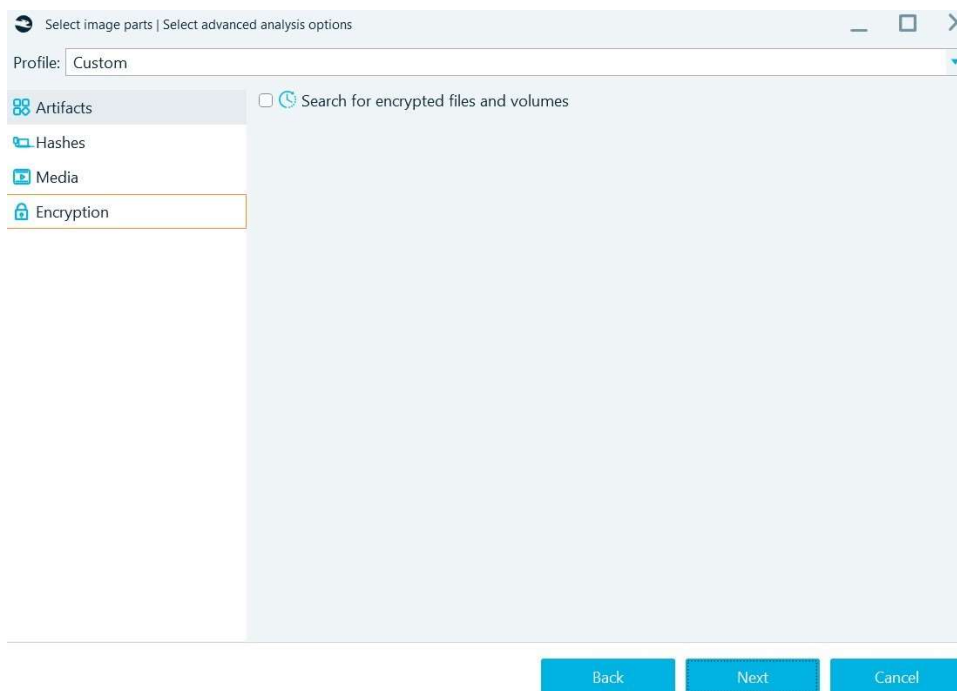
22. Check “MD5”, then click on “Next” to continue.



23. Click on “Next” to continue.



24. Click on “Next” to continue



25. Click on “Complete” to finish data acquisition.

Select image parts | Review a data source

Data source path:	C:\Users\kaiwe\Desktop\Research\Module2.2\image.001
Data source type:	Image
Profile name:	Custom (changed)

---

Data source analysis:	Entire
File analysis:	Existing files, Nested data sources, Restore Recycle Bin
Artifacts:	All
Hash algorithms:	MD5
Picture analysis:	No
Keyframe extraction:	No
Encryption detection:	No
Analyze carved and embedded data:	No

Back

Complete

Cancel

26. Go to the main page, you can see the acquired data. You can also examine the documents using Belkasoft to find the files in your USB drive.

Belkasoft Evidence Center X | v.1.13.10437 TRIAL VERSION | Module2.2

Dashboard Artifacts Tasks

Case Properties

Name: Module2.2

Investigator:

Timezone: (UTC-08:00) Pacific Tin

Notes: Lab2 Module 2.2 Belkasoft

Path: C:\Users\kaiwe\AppData\Roaming...

Created: 7/14/2022 11:25:11 AM

Data sources

Show nested data sources

image\_1.001 (2 artifacts)

Type: Drive image

Timezone: (UTC-08:00) Pacific Time (US)

Path: C:\Users\kaiwe\AppData\Roaming...image\_1.001

Successfully analyzed

Contacts 1 Documents 1

Application types

Actions

Add data source

Search artifacts

Create report

Export to Evidence Reader

Create key dictionary

Prepare log files

Delete case

Artifacts

Contacts 1

Documents 1