

# Forensic Investigation of RAW Image using Forensics Explorer (Part 1)

September 27, 2015 By Raj Chandel

Forensic Explorer is a tool for the analysis of electronic evidence. Primary users of this software are law enforcement, corporate investigations agencies and law firms. Forensic Explorer has the features you expect from the very latest in forensic software. Inclusive with Mount Image Pro, Forensic Explorer will quickly become an important part of your forensic software toolkit.

## It enables investigators to:

Manage the analysis of large volumes of information from multiple sources in a case file structure;

- Access and examine all available data, including hidden and system files, deleted files, file and disk slack and unallocated clusters;
- Automate complex investigation tasks;
- Produce detailed reports; and,
- Provide non forensic investigators a platform to easily review evidence.

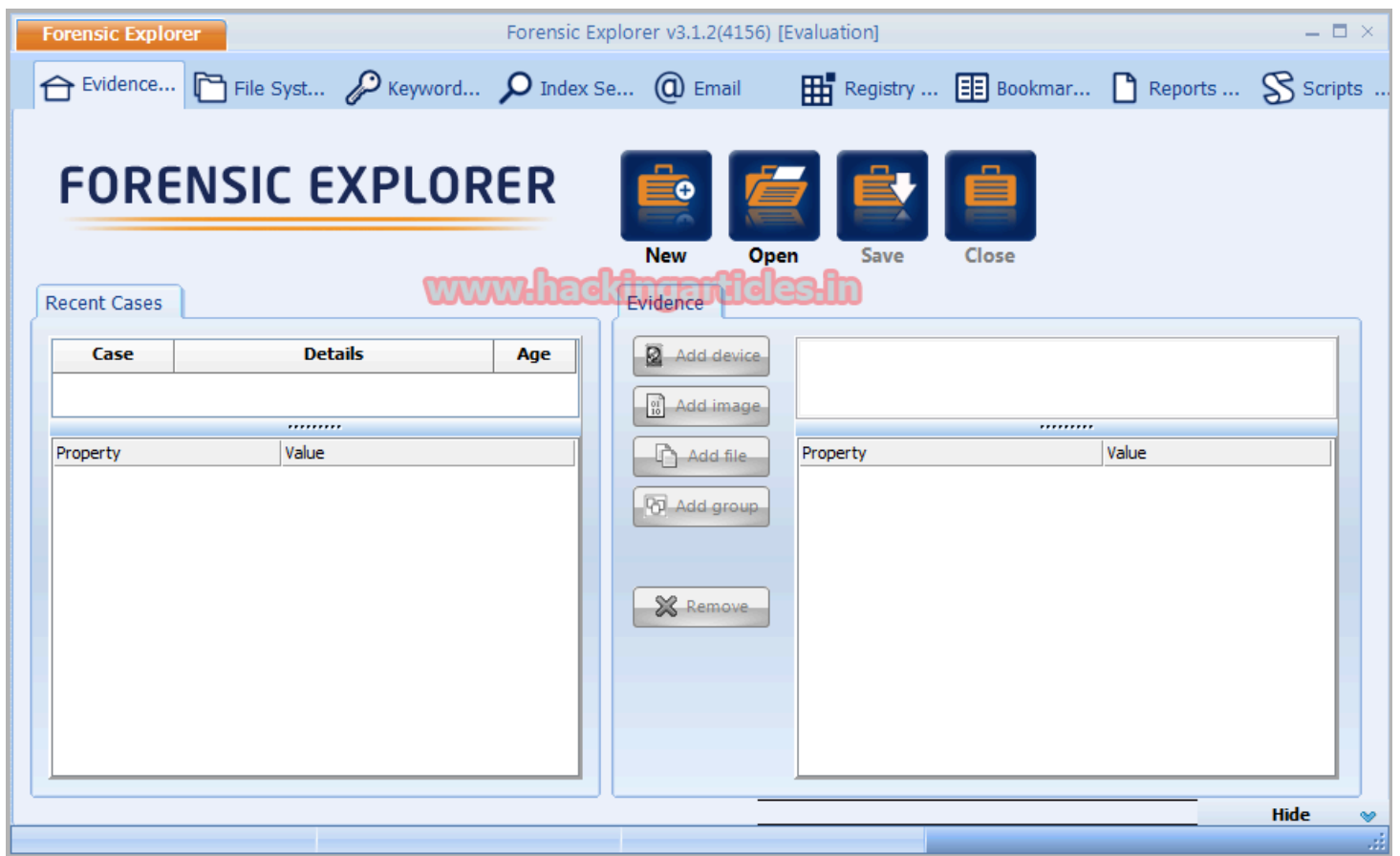
## Supported File Formats

Forensics Explorer supports the analysis of the following file formats:

### Apple DMG

- DD or RAW;
- EnCase® (.E01, .L01, Ex01);
- Forensic File Format .AFF
- FTK® (.E01, .AD1 formats);
- ISO (CD and DVD image files);
- Microsoft VHD
- NUIX File Safe MFS01
- ProDiscover®
- SMART®
- VMWare®
- XWays E01 and CTR

First Download Forensics Explorer From **here** and install in your pc. And Click on **New** Option.



Enter the **Case Name** and click on **new** option in Investigator TAB

**New Case**

Case Name:

Investigator:

Cases Folder:

Case Summary:

Case Time Zone Settings

TimeZone:

TimeZone Name:

Daylight Savings:

STD/DLS Bias:  /  minutes

Case Created:

Here in next step you have to enter the **FULL NAME**, **TITLE**, and **Organization**, **Department** and **email details** and click on ok to proceed to next step.

New Investigator

Investigator ID:

Full Name:

Title/Position:

Organization:

Department:

Contact

Phone:

Fax:

Cell/Mobile:

Email:

URL:

Select the **cases folder** where Forensic Evidence will be created. And click on ok

**New Case**

Case Name:

Investigator:

Cases Folder:

Case Summary:

**Case Time Zone Settings**

TimeZone:

TimeZone Name:

Daylight Savings:

STD/DLS Bias:  /  minutes

Case Created:

Now Click 'Add Image.

**Forensic Explorer** Forensic Explorer v3.1.2(4156) [Evaluation] Case: Forensics Investigation

Evidence... File Syst... Keyword... Index Se... Email Registry ... Bookmar... Reports ... Scripts ..

**FORENSIC EXPLORER**

**New** **Open** **Save** **Close**

**Recent Cases**

Case	Details	Age
Name: Forensics Investigation		
Investigator: RAJ CHANDEL		4 mins
Property Value		

**Evidence**

Add device Add image Add file Add group Remove

Property Value

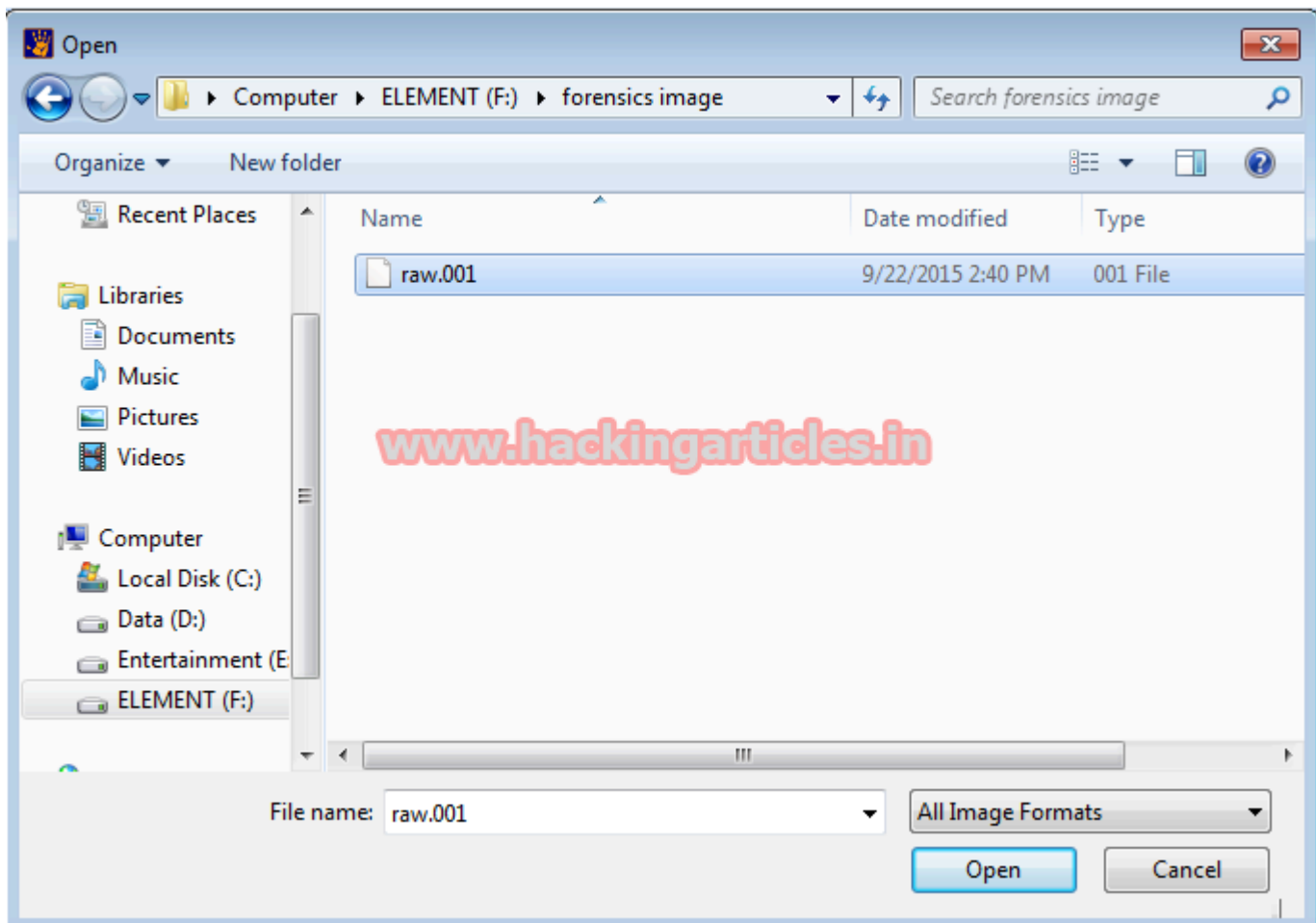
**New Case Completed: Forensics Investigation**

Time Taken: 00:00:00 9:29:50 PM

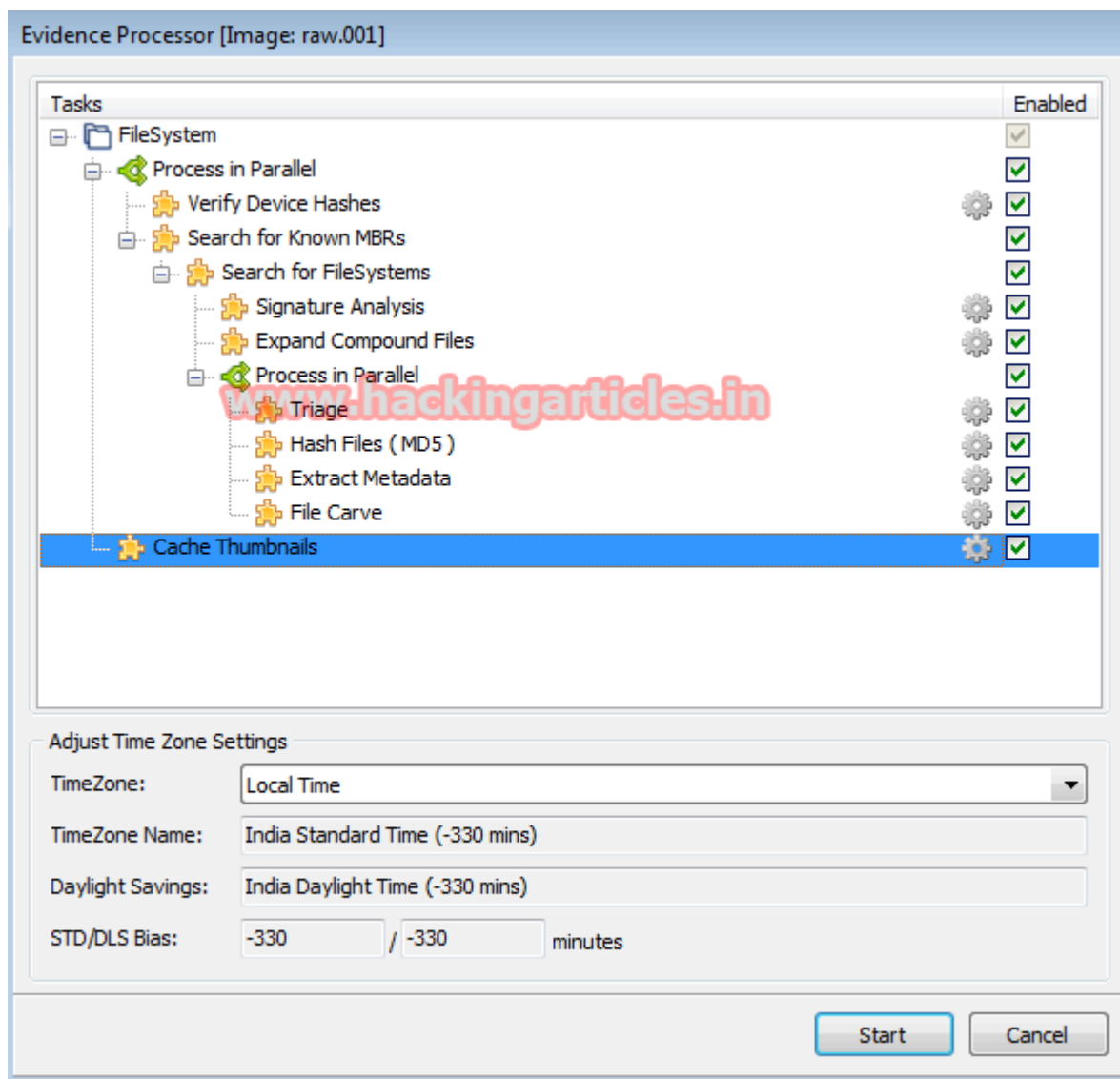
Case: Forensics Investigation Running Processes: 0

Now select the path of RAW Image. To create RAW Image Select the given LINK.

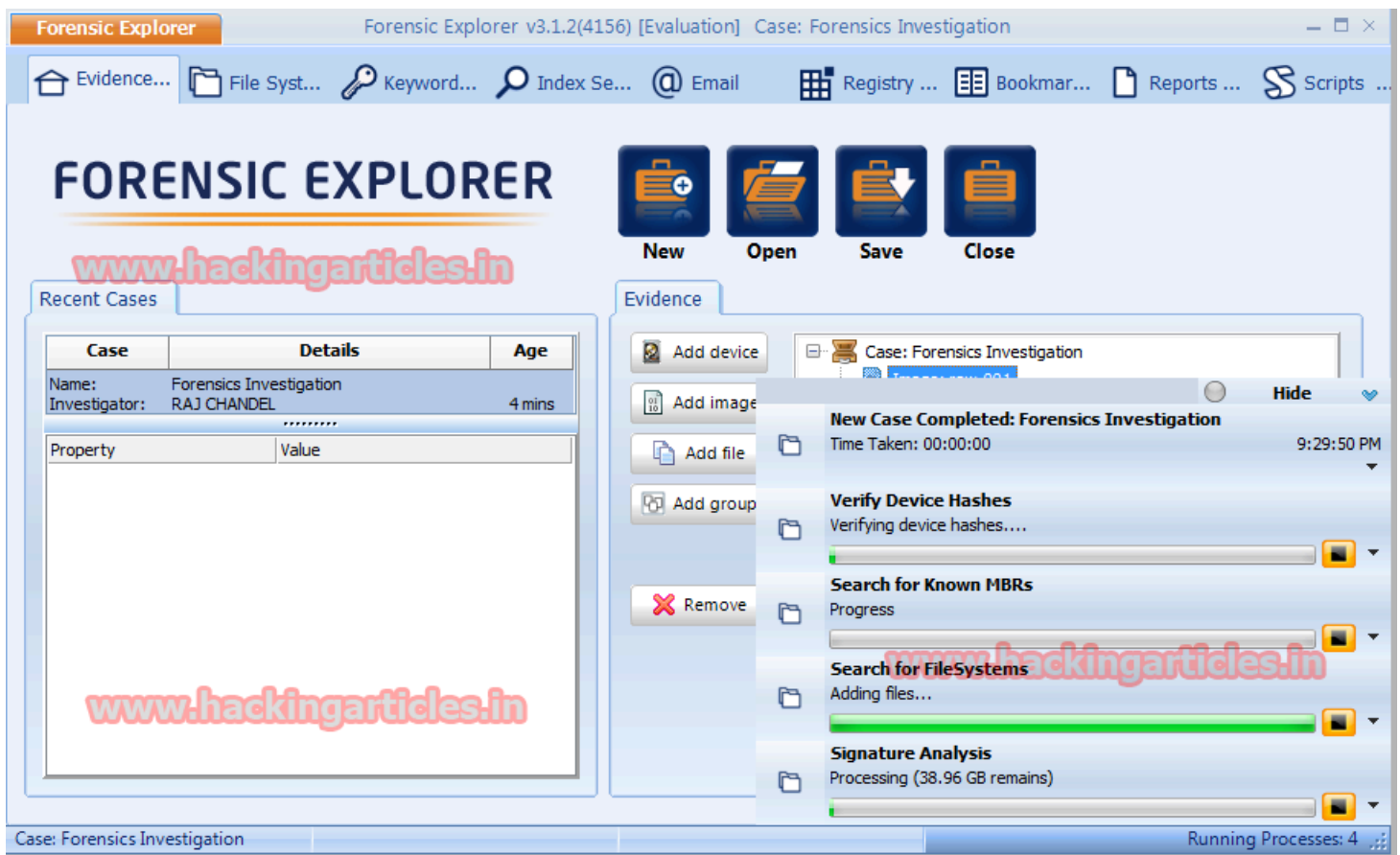
<http://www.hackingarticles.in/how-to-create-copy-of-suspects-evidence-using-ftk-imager>



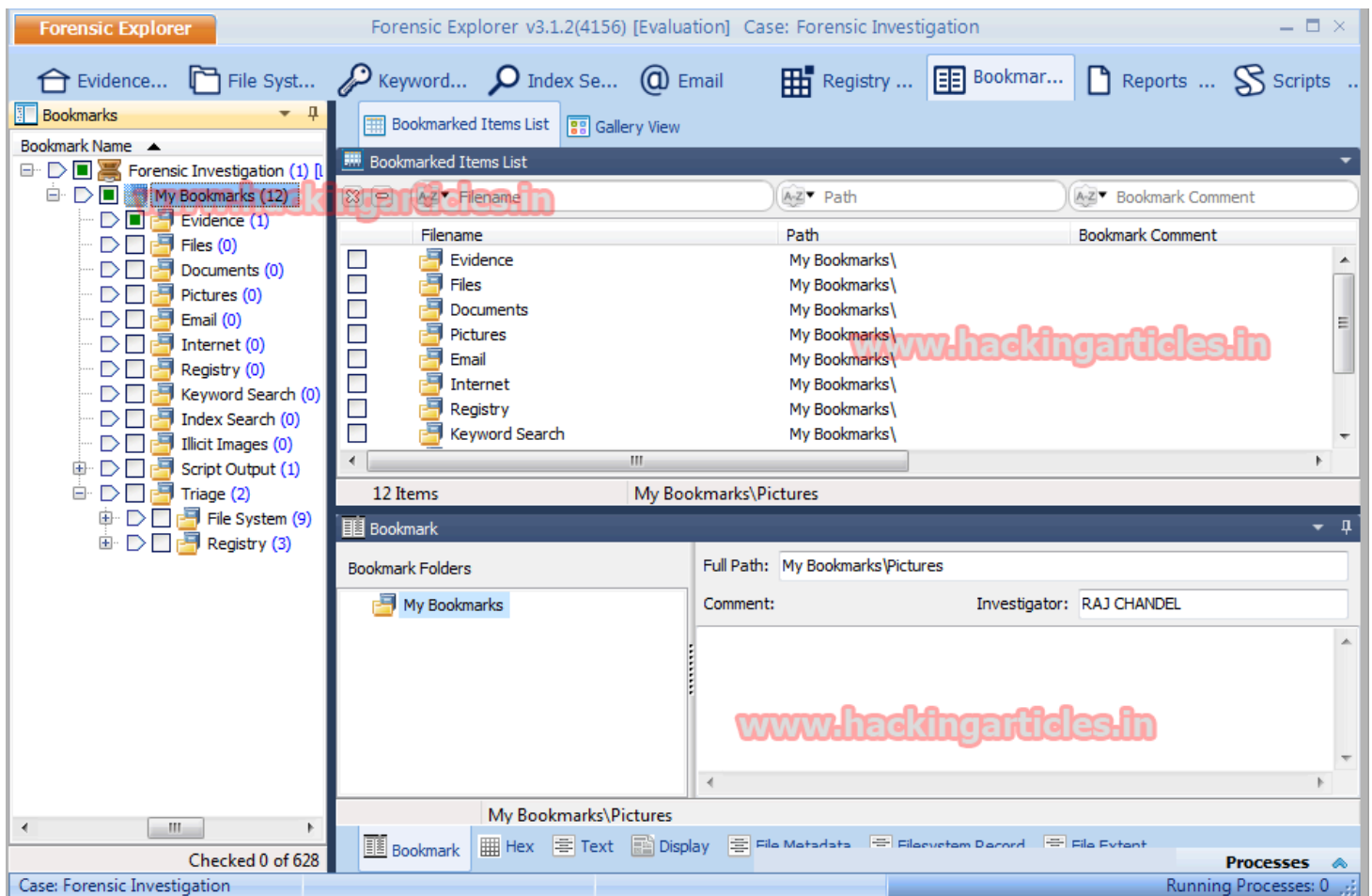
Now Select tasks to be processed on RAW image from given list and click on Start.



After Process completion, it will show Result for all the tasks selected earlier.

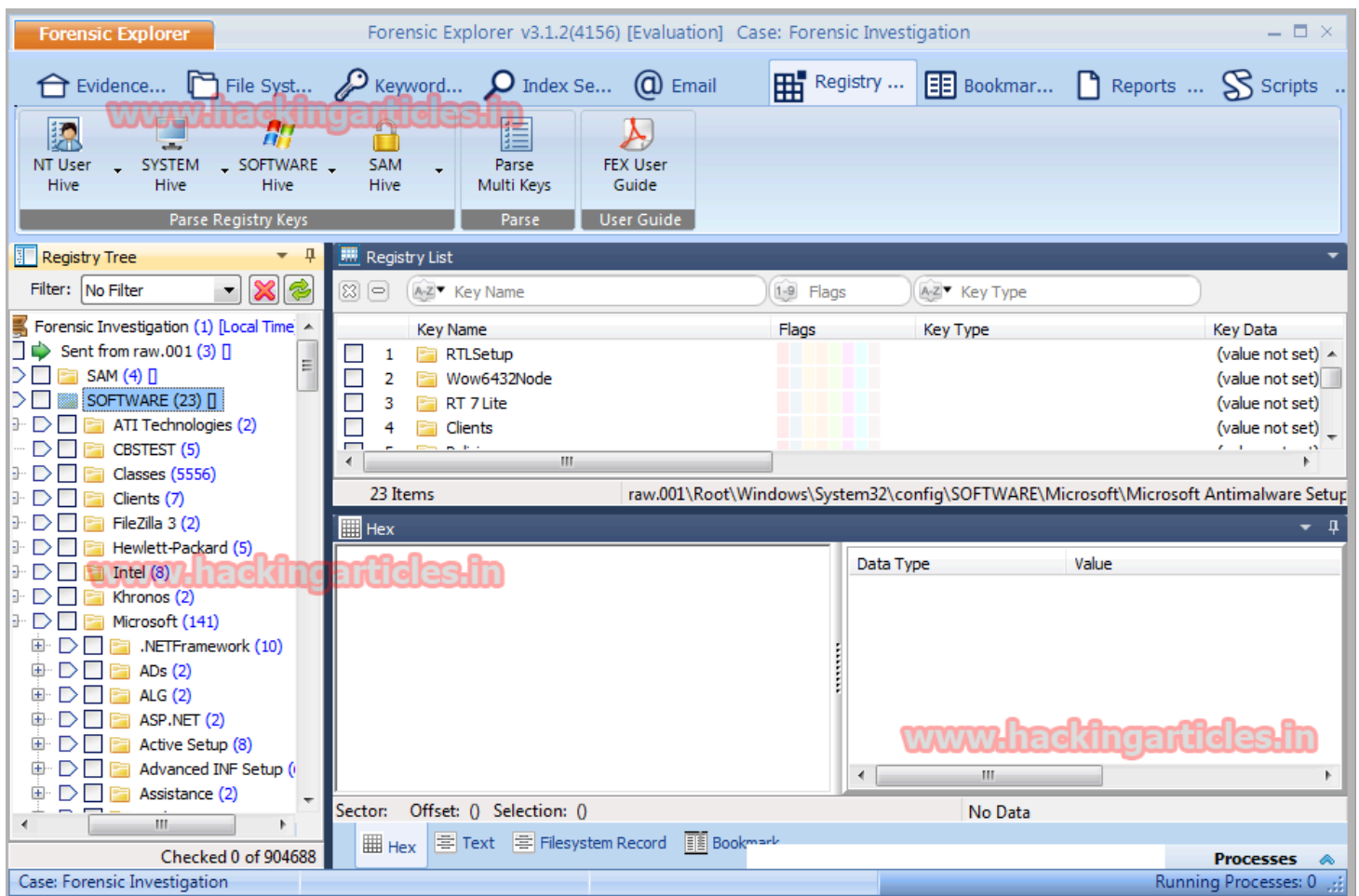


Now Click on File System. The File System module is the primary Forensic Explorer window where actions such as **highlighting**, **selecting**, **sorting**, **filtering**, **flagging**, **exporting** and **opening** occur.

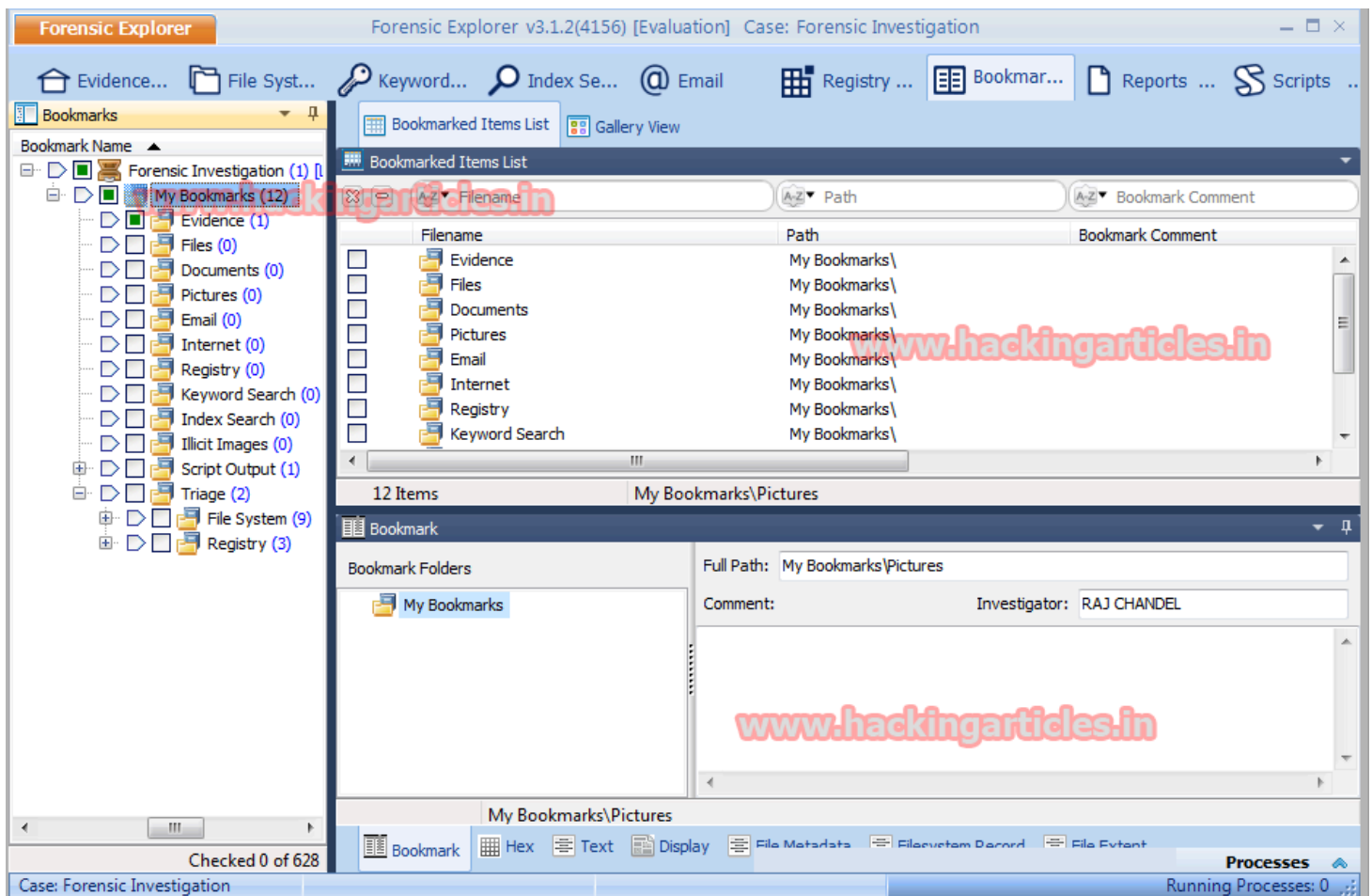


**Select Registry analysis:** Open and examine Windows registry hives. Filter, categorize and keyword search registry keys. Automate registry analysis with RegEx scripts.

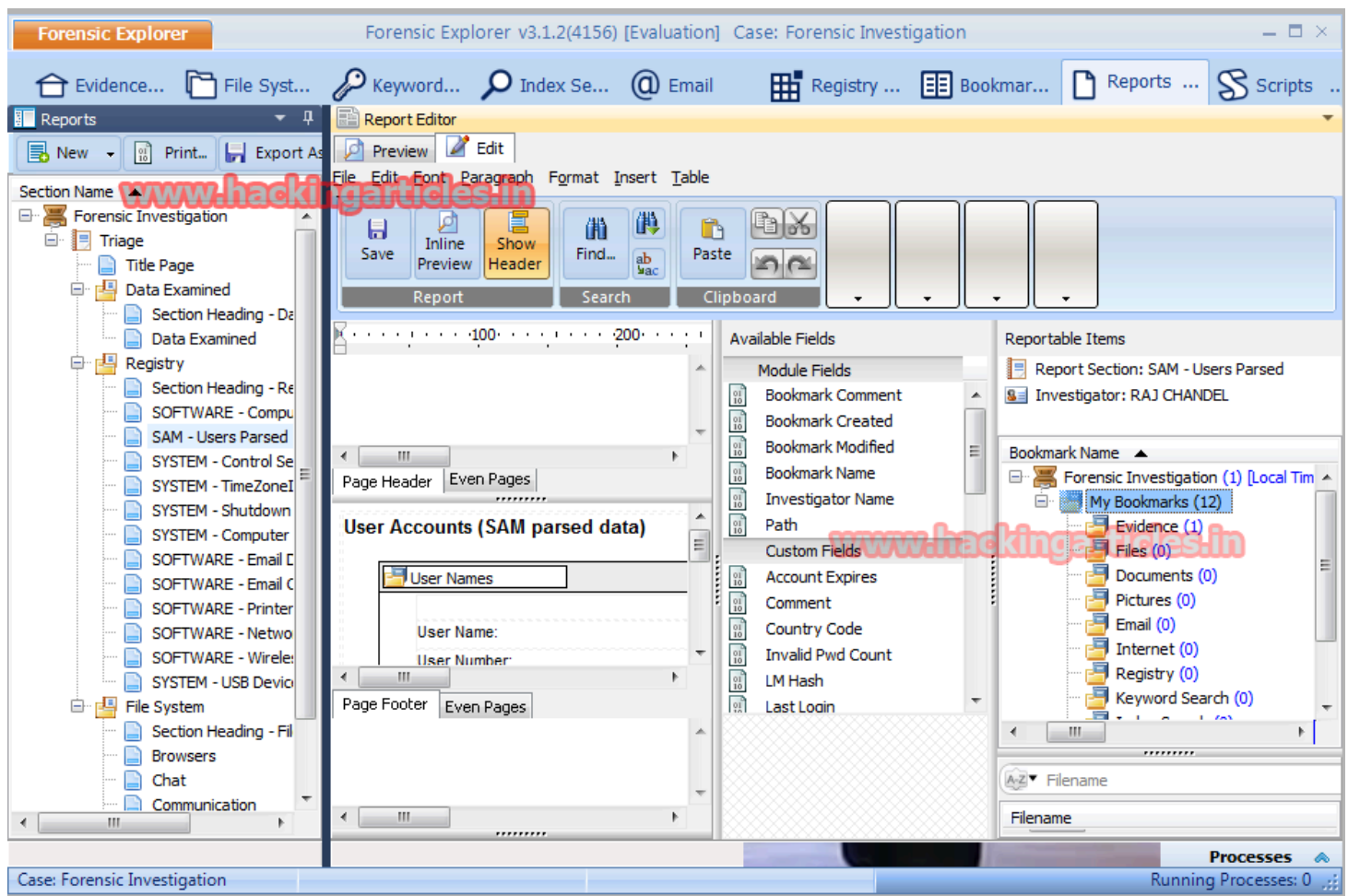




Bookmark selection enables almost any item (e.g. file, folder, keyword, search hit, etc.), or a selection from an item (e.g. a fragment of text from a file or unallocated clusters), to be bookmarked and listed in the Bookmarks module.



**Reports:** The purpose of the Reports Module is to assist in the generation of a report that documents the forensic analysis. The Reports module is based on the use of templates that can be re-used across multiple investigations.



Coming Soon Case Investigation and Analysis by Data Management, Keyword and Index Searching, Email Analysis , Registry Analysis & report creation using Forensic Explorer.