



What is the E3 Forensic Platform?

The E3 Forensic Platform, brought to you by Paraben Corporation, is expertly designed to seamlessly integrate with the collection and analysis of various data essential for digital investigations. Rest assured, all data collected is of forensic-grade quality and verified. This powerful platform caters specifically to DFIR, OSINT, and cyber investigators, empowering them to effortlessly capture invaluable artifacts and meticulously trace the path that leads to the answers sought in their critical investigations.

E3 takes you through a workflow that allows you to capture, analyze, and share data.

Collection: Computers, Smartphones, Cloud Data Artifacts, Windows, Apps, Cloud Features, Data Triage, Automation, Remote Collection

License Options: Perpetual & SaaS

The flexibility of the E3 Platform is what makes it work for both public and private sector organizations. The affordable licensing options allow E3 to easily be added to any organization without breaking the bank.

Licensing

The E3 Forensic Platform provides a range of flexible licensing options to suit the unique needs of any organization. These options include both SaaS and Perpetual licenses, allowing you to choose the most suitable solution for your requirements. Whether you prefer to license different capture and analysis capabilities independently or opt for the comprehensive E3:UNIVERSAL suite, our dedicated sales team at sales@paraben.com will work closely with you to tailor a licensing arrangement that caters to every aspect of your organization, from the lab to the review stage.



Collection

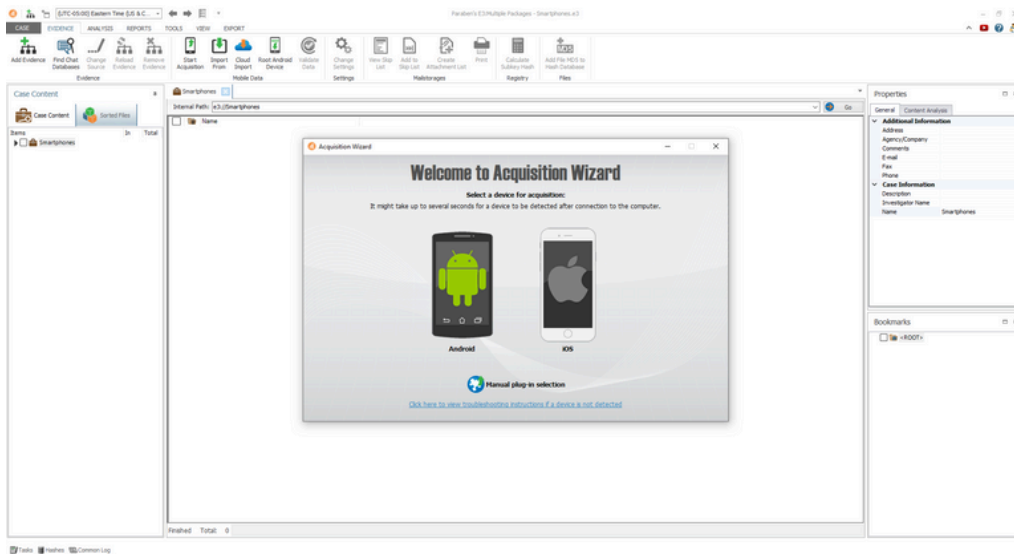
Computer – Mobile – IoT – Cloud

Computer Collections Using E3

Paraben Corporation offers DP2C, a free bootable imaging tool that enables data collection through bit-stream imaging or target data collection into a forensic container. This tool is license-free, and all collection formats are compatible with analysis in E3. Additionally, the E3:UNIVERSAL license package provides remote imaging as an additional collection option.

Smartphone Collections Using E3

Paraben Corporation's E3 smartphone collections provide a wide range of data capture options. Featuring support for logical imaging, enhanced logical imaging, and jailbreaking of the latest supported firmware, our solutions provide maximum versatility. For Android devices, we offer logical, enhanced downgrade logical, physical, and chip dump bypass imaging capabilities. E3 also supports the rooting of Android devices using both native and third-party tools across the latest firmware versions. Our flexible and comprehensive collection methods enable simultaneous device acquisitions to meet all your needs.



Cloud Collections Using E3

Paraben Corporation collects cloud data from computer and smartphone keys using E3:UNIVERSAL, E3:COMPUTER, and E3:MOBILE. Our technology captures valuable data from social media, messaging systems, team management and chat platforms, and remote storage. With flexible licensing options, you can collect cloud data using keys, known credentials, or remote methods, depending on your license. Trust Paraben Corporation for efficient cloud data gathering and analysis.



Analysis

Artifacts - File Systems

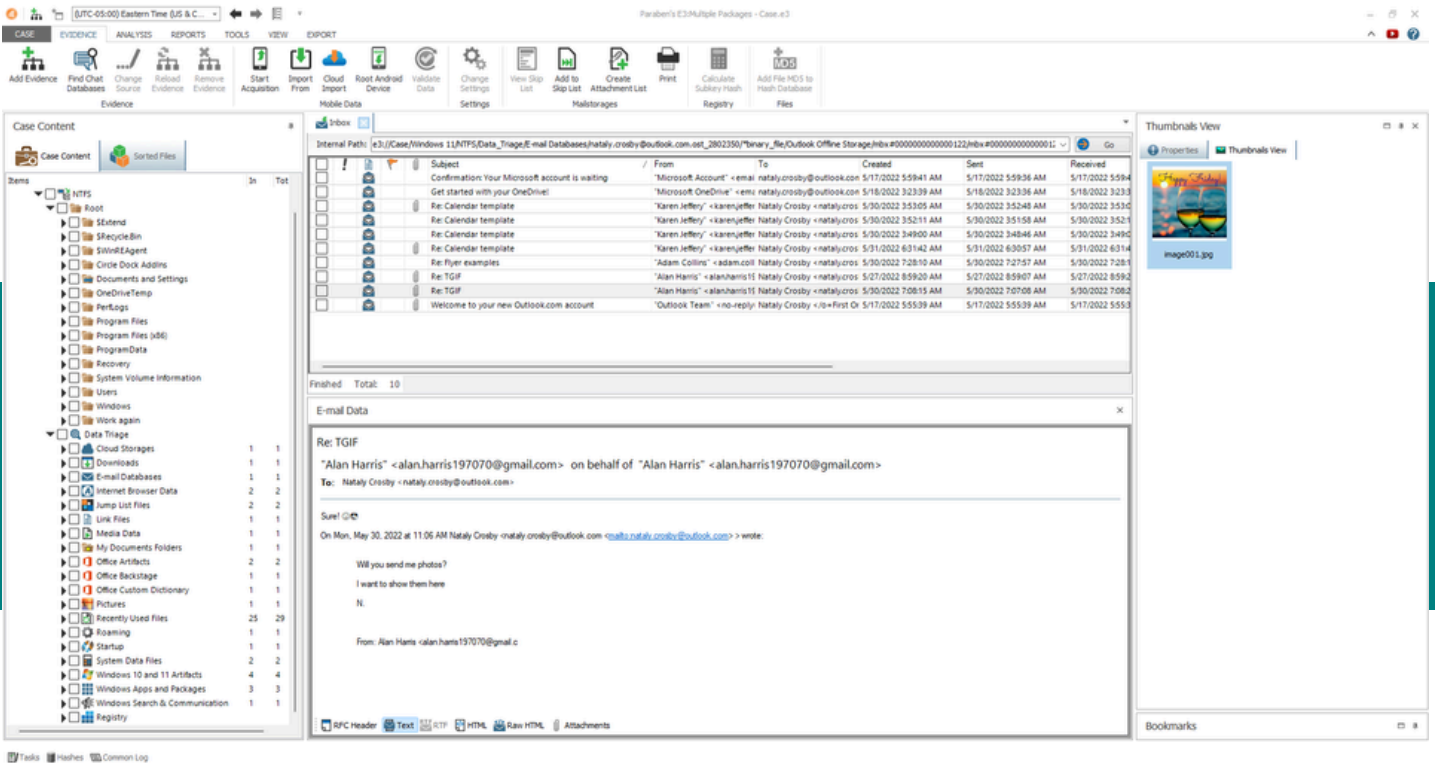
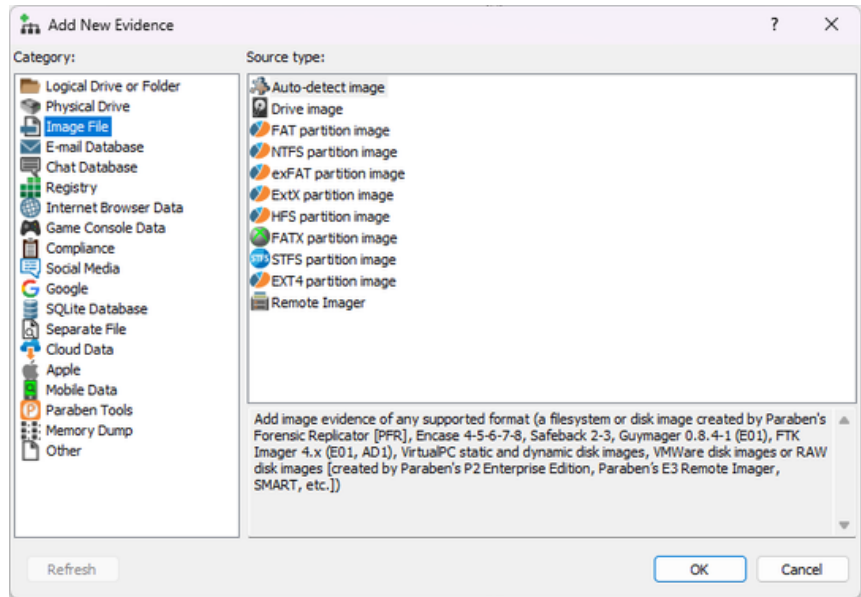
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Computer Artifacts

Paraben Corporation specializes in capturing a wide range of file system artifacts. Focusing on Windows, Linux, and Mac OS file systems, our E3 software excels in sorting and parsing data, streamlining investigations. The Sorter feature in E3 categorizes collected data by header, enabling efficient review by type.

Once file types are identified, E3's parsing capabilities analyze popular email mail stores, browser data, messaging systems, and Windows Registry data, converting them into readable, searchable, and discoverable formats.



Internal data review is easily accessible through the E3 Platform's built-in viewers. Our advanced search capabilities, including GREP, Boolean, Emoji, and specific area searches, ensure a comprehensive investigation. Seamlessly share and export data with other tools or the E3:VIEW platform, facilitating effective team collaboration.



Analysis

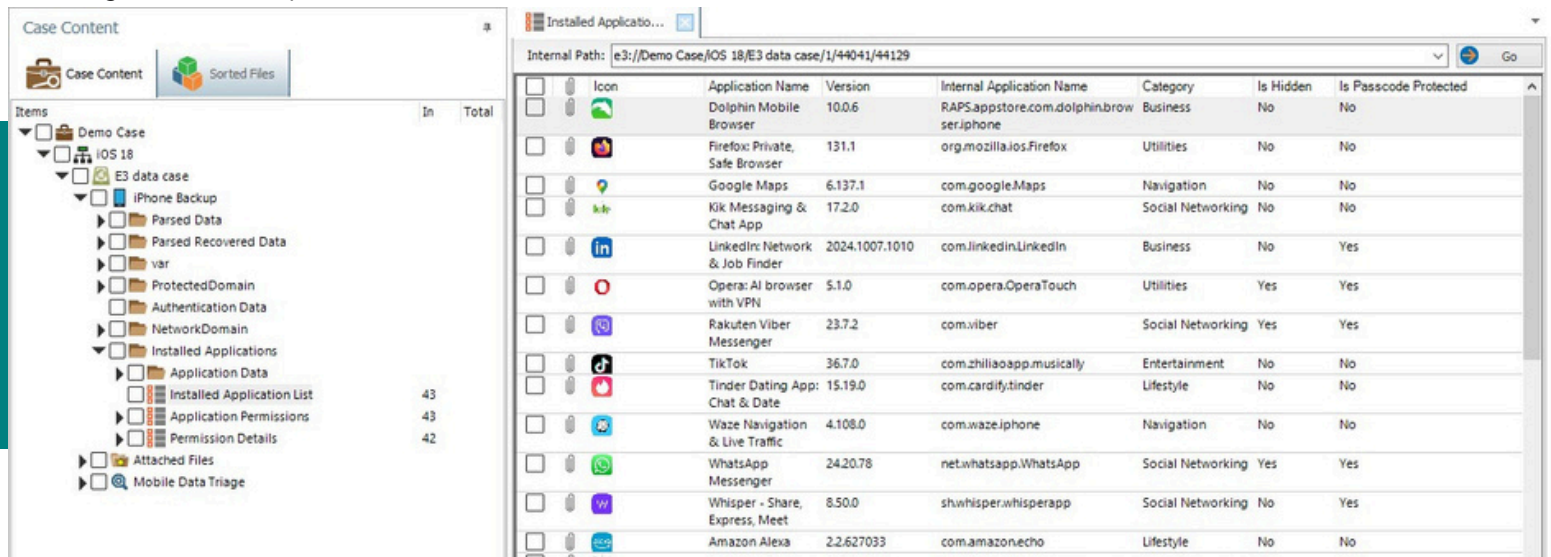
Artifacts – Android & iOS

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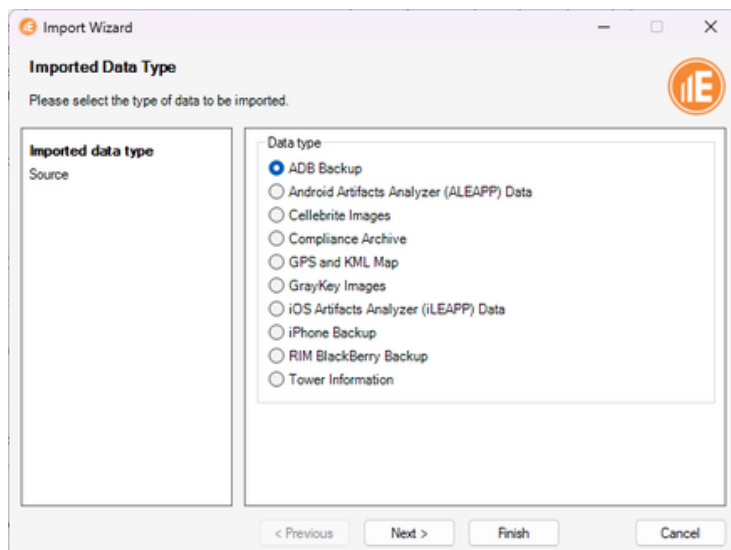
Smartphone Artifacts

In smartphone data analysis, apps are the central point of interest. Due to their prominence among smartphone users, apps are the primary target for analysis within E3. The App view in E3 offers comprehensive information, encompassing details about third-party apps, their origins, parsed and raw data, and associated access rights. This in-depth exploration of crucial evidence sources facilitates thorough data analysis.



Smartphone investigations often require multiple tools and capture techniques. The E3 Forensic Platform stands out by seamlessly importing data from other industry tools. With E3, you can utilize our robust data sorting, searching, and review capabilities to thoroughly analyze all data. Trust Paraben's E3 to uncover valuable insights from your smartphone investigations.

When it comes to sharing smartphone data, E3 offers a comprehensive suite of options, leveraging the full functionality of the E3:VIEW tool and generating impressive reports in multiple languages. Users can depend on E3 to provide all the necessary resources for disseminating discovered artifacts.





Analysis

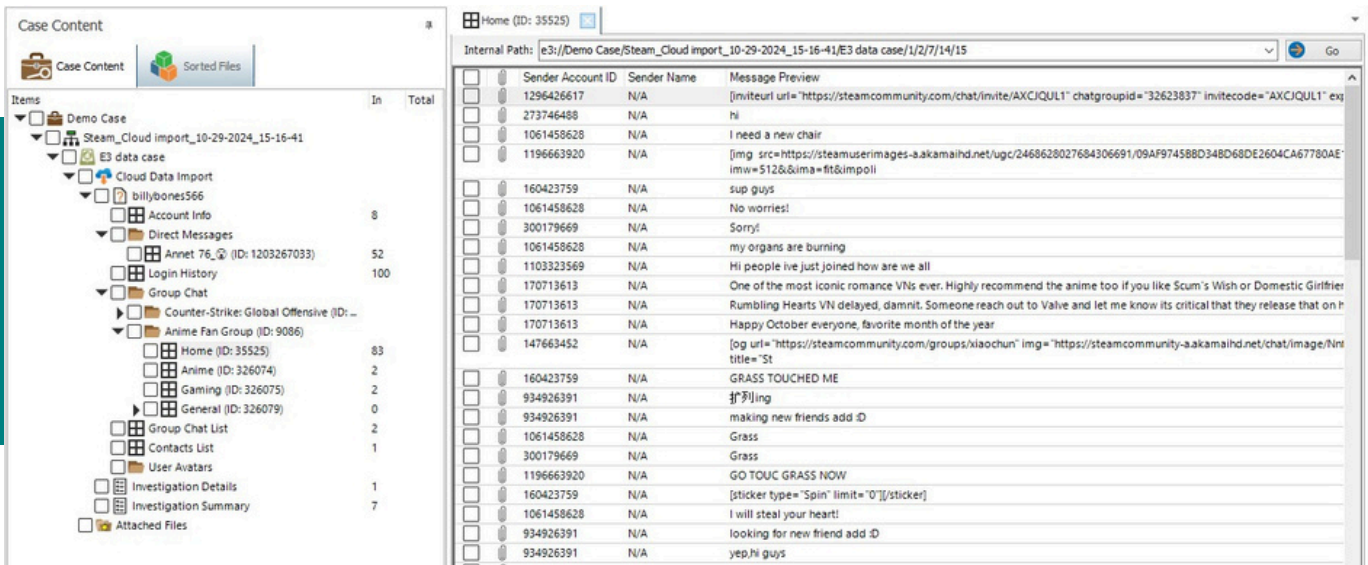
Artifacts - Cloud Data

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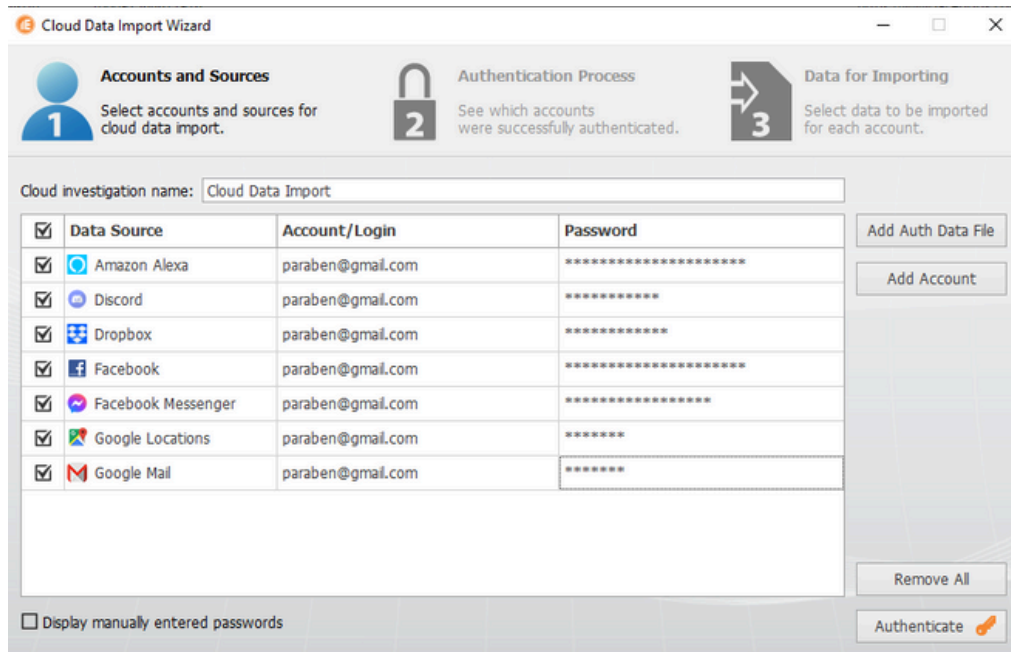
[ph.1.801.796.0944](tel:1.801.796.0944)

Cloud Artifacts

Cloud storage has become a top priority for data collection, encompassing social media, email, messaging, and general storage needs. Paraben Corporation's E3 suite is designed to collect and analyze these artifacts with its robust searching, sorting, and parsing capabilities. Constantly evolving, E3 supports popular platforms such as Facebook, Instagram, Steam, Discord, Twitch, Google Suite, and more.



Cloud data keys can be obtained from various sources, including smartphone authentication data, known credentials, or live cloud capture using E3:UNIVERSAL. When collecting cloud-related data, a valuable function is the ability to limit the collection's scope, ensuring compliance with investigation requirements. With multiple filter options, ranging from date ranges to specific areas of associated data, our platform guarantees you collect only the necessary information.



Remote collection from large cloud storage providers, such as AWS and MS Azure, is also possible with the E3:UNIVERSAL license option.

E3 is fully compatible to operate seamlessly within either cloud environment, enabling effortless collection and review without leaving the cloud.



Feature Focus

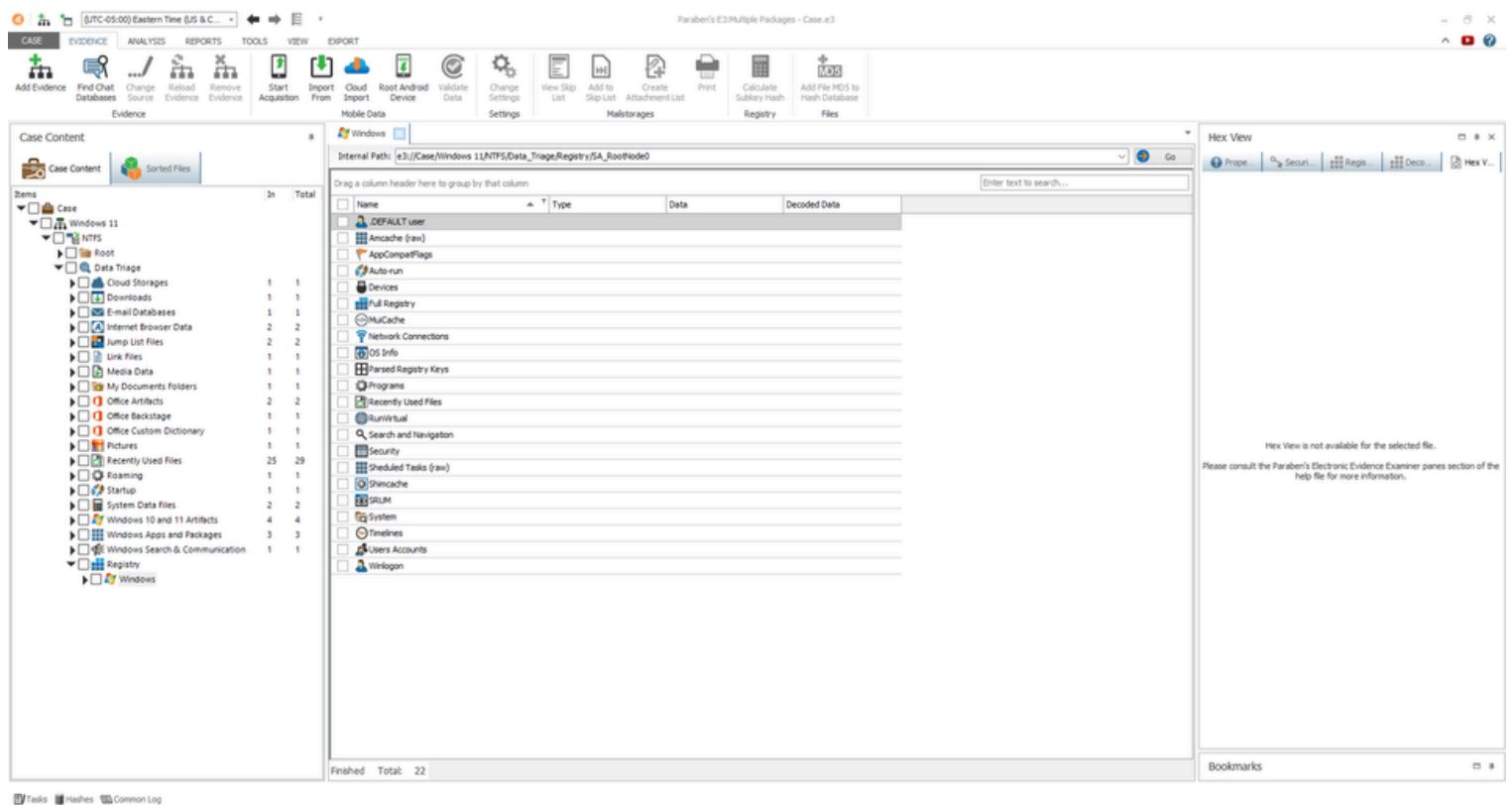
Data Triage - Windows

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Data Triage - Windows

To navigate the overwhelming volume of generated data, investigators need to utilize triage. Understanding where to concentrate analytical efforts is essential for saving time and resources when processing various data types. Paraben Corporation prioritizes triage in Windows file system data examination and smartphone data collection. By implementing triage strategies, investigators can effectively target and collect data within a specific scope, leading to more successful investigations.



Windows data triage provides a comprehensive overview of machine activities in minutes. With E3, gain invaluable insights into accounts, emails, USB devices, and potential infections. This artifact examination provides a holistic view before detailed analysis.

Training Note

All E3 Platform licenses include operator-level training courses, available on demand in the Paraben Training Academy. These courses focus on E3 operation for reviewing specific data artifact areas, including computers, smartphones, and cloud data. The operator courses provide users of all levels with the training needed to integrate E3 into their investigations.



Feature Focus

Data Triage - Smartphones

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Data Triage - Smartphones

Smartphones continue to expand, adding significant data to our investigations. With data triage and the tree view explorer in E3, you can quickly locate valuable artifacts on both Apple iOS and Android devices.

The screenshot shows the Paraben E3 interface with the 'Interactions' data triage view selected. The left sidebar shows a tree view of case content, including 'Case Content', 'Sorted Files', and 'Case_Anita'. The main pane displays a table of interactions with columns for Creation Date, Start Date, End Date, Name, and Inedifier. The table lists various interactions such as 'Novotel.com', 'Loggenhead Marinas', 'Chase Freedom B', 'UnitedHealthcare', 'OneDrive', 'Jason Riley', 'Venmo', 'New England Fish Market & Restaurant', 'Florida Rentals', 'PNC Bank', 'Kelly Reiner', 'Bobi Kruenberg', 'Hotels.com', 'Truista Wellness', 'Moe's Southwest Grill', 'OneDrive', 'EHC Salon and Spa', 'OneDrive', 'PNC Bank', 'PNC Bank', and 'Laura Hess'. The bottom status bar indicates 'Finished Total: 983'.

| Creation Date | Start Date | End Date | Name | Inedifier |
|----------------------|-----------------------|-----------------------|--------------------------------------|---------------------------------------|
| 7/31/2024 5:21:03 PM | 3/25/2024 12:15:25 PM | 3/25/2024 12:15:25 PM | Novotel.com | inedifier newsnovotel@mailall.com |
| 7/31/2024 5:21:03 PM | 3/25/2024 4:25:31 PM | 3/25/2024 4:25:31 PM | Loggenhead Marinas | marketing@em.vonthego.com |
| 7/31/2024 5:21:03 PM | 3/26/2024 9:04:31 AM | 3/26/2024 9:04:31 AM | Chase Freedom B | Chase@e.chase.com |
| 7/31/2024 5:21:03 PM | 3/27/2024 11:03:34 AM | 3/27/2024 11:03:34 AM | UnitedHealthcare | UnitedHealthcare@new.uhomedcare.com |
| 7/31/2024 5:21:03 PM | 3/27/2024 11:45:27 AM | 3/27/2024 11:45:27 AM | OneDrive | photos@onedrive.com |
| 7/31/2024 5:21:03 PM | 3/27/2024 1:25:02 PM | 3/27/2024 1:25:02 PM | Jason Riley | support@brinetwork.com |
| 7/31/2024 5:21:03 PM | 3/27/2024 10:39:00 PM | 3/27/2024 10:39:00 PM | Venmo | venmo@venmo.com |
| 7/31/2024 5:21:03 PM | 3/28/2024 10:25:24 AM | 3/28/2024 10:25:24 AM | New England Fish Market & Restaurant | craig@newenglandfishsend.com |
| 7/31/2024 5:21:03 PM | 3/28/2024 10:39:03 AM | 3/28/2024 10:39:03 AM | Florida Rentals | vacation@floridarentals.com |
| 7/31/2024 5:21:03 PM | 3/28/2024 1:14:04 PM | 3/28/2024 1:14:04 PM | PNC Bank | notes@pnc.com |
| 7/31/2024 5:21:03 PM | 3/28/2024 4:15:39 PM | 3/28/2024 4:15:39 PM | Kelly Reiner | support@brinetwork.com |
| 7/31/2024 5:21:03 PM | 3/28/2024 4:52:22 PM | 3/28/2024 4:52:22 PM | Bobi Kruenberg | ed-otiv@watercrestseniorliving.com |
| 7/31/2024 5:21:03 PM | 3/28/2024 9:54:05 PM | 3/28/2024 9:54:05 PM | Hotels.com | mail@eg.hotels.com |
| 7/31/2024 5:21:03 PM | 3/29/2024 8:06:56 AM | 3/29/2024 8:06:56 AM | Truista Wellness | trivista@truista.com |
| 7/31/2024 5:21:03 PM | 3/29/2024 9:02:17 AM | 3/29/2024 9:02:17 AM | Moe's Southwest Grill | moe's@cmoes.com |
| 7/31/2024 5:21:03 PM | 3/29/2024 10:07:21 AM | 3/29/2024 10:07:21 AM | OneDrive | photos@onedrive.com |
| 7/31/2024 5:21:03 PM | 3/29/2024 11:23:03 AM | 3/29/2024 11:23:03 AM | EHC Salon and Spa | noreply-system@roystonsonsoftware.com |
| 7/31/2024 5:21:03 PM | 3/31/2024 4:11:00 PM | 3/31/2024 4:11:00 PM | OneDrive | photos@onedrive.com |
| 7/31/2024 5:21:03 PM | 4/1/2024 9:15:08 AM | 4/1/2024 9:15:08 AM | PNC Bank | notes@pnc.com |
| 7/31/2024 5:21:03 PM | 4/1/2024 10:14:38 AM | 4/1/2024 10:14:38 AM | PNC Bank | notes@pnc.com |
| 7/31/2024 5:21:03 PM | 4/1/2024 1:25:16 PM | 4/1/2024 1:25:16 PM | Laura Hess | support@brinetwork.com |

The screenshot shows the Paraben E3 interface with the 'Installed Applications' data triage view selected. The left sidebar shows a tree view of case content, including 'Case Content', 'Sorted Files', and 'Case_Anita'. The main pane displays a table of installed applications with columns for Application Name, Version, Internal Application Name, Category, Manufacturer, and Signer Identity. The table lists various applications such as 'Firefox', 'Google Maps', 'A&E', 'AAA', 'ABC', 'AIB', 'Amazon', 'Amazon Alexa', 'Amazon Photos', 'Apple Store', 'AT&T Mobile Transfer', 'Blackboard', 'Boji', 'Bravo', 'Capital One', 'Chase', 'Chrome', 'Clips', 'Color', 'CopyMyData', and 'CreaPhoto'. The bottom status bar indicates 'Finished Total: 92'.

| Application Name | Version | Internal Application Name | Category | Manufacturer | Signer Identity |
|----------------------|--------------|---|-------------------|---------------------------------|-------------------------------------|
| Firefox | 122.0 | org.mozilla.ios.Firefox | Utilities | Mozilla | Apple iPhone OS Application Signing |
| Google Maps | 6.100.1 | com.google.Maps | Navigation | Google LLC | Apple iPhone OS Application Signing |
| A&E | 6.6.0 | com.aetnaerios.watch | Entertainment | A&E Television Networks Mobile | Apple iPhone OS Application Signing |
| AAA | 24.1.0 | com.aaa.phone.discounts | Lifestyle | American Automobile Association | Apple iPhone OS Application Signing |
| ABC | 10.40.0 | com.abcdigital.abcvideoplayer | Entertainment | Disney | Apple iPhone OS Application Signing |
| AIB | 8.5.0 | com.allergan.NAL.Puerto.Rico.Bio.Puerto.Bright.Distinctions.Consumer.EN | Medical | Allergan, Inc. | Apple iPhone OS Application Signing |
| Amazon | 23.2.4 | com.amazon.Amazon | Shopping | AMZN Mobile LLC | Apple iPhone OS Application Signing |
| Amazon Alexa | 22.556314 | com.amazon.alexa | Lifestyle | AMZN Mobile LLC | Apple iPhone OS Application Signing |
| Amazon Photos | 9.11.0 | com.amazon.CloudDrivePhotos | Photo & Video | AMZN Mobile LLC | Apple iPhone OS Application Signing |
| Apple Store | 52.200.0 | com.apple.store.jolly | Shopping | Apple | Apple iPhone OS Application Signing |
| AT&T Mobile Transfer | 3.20.2 | com.att.mobiletransfer | Utilities | AT&T Services, Inc. | Apple iPhone OS Application Signing |
| Blackboard | 9.1 | com.blackboard.student | Education | Anthology, Inc. | Apple iPhone OS Application Signing |
| Boji | 24.01.06 | com.bankofamerica.boji | Finance | Bank of America | Apple iPhone OS Application Signing |
| Bravo | 10.0.0 | com.nbcuniversal.bravo.bravonow | Entertainment | NBCUniversal Media, LLC | Apple iPhone OS Application Signing |
| Capital One | 6.0.1 | com.capitonenr.enterprise.mobilebanking | Finance | Capital One | Apple iPhone OS Application Signing |
| Chase | 4.490 | com.chase | Finance | JPMorgan Chase & Co. | Apple iPhone OS Application Signing |
| Chrome | 121.6147.138 | com.google.chrome.ios | Utilities | Google LLC | Apple iPhone OS Application Signing |
| Clips | 3.1.6 | com.apple.clips | Photo & Video | Apple | Apple iPhone OS Application Signing |
| Color | 8.0 | com.tayasui.color | Graphics & Design | Tayasui.com | Apple iPhone OS Application Signing |
| CopyMyData | 23.0 | com.mediamuhyoom.copymydata2 | Utilities | Red Sky Labs, S.L. | Apple iPhone OS Application Signing |
| CreaPhoto | 1.2.1 | com.missionscience.creaphoto | Graphics & Design | Missionscience, Inc. | Apple iPhone OS Application Signing |

Focused artifacts are displayed to provide basic device properties and a quick list of all installed applications. This triage process saves time when searching for specific items in an investigation.



Feature Focus

Automation

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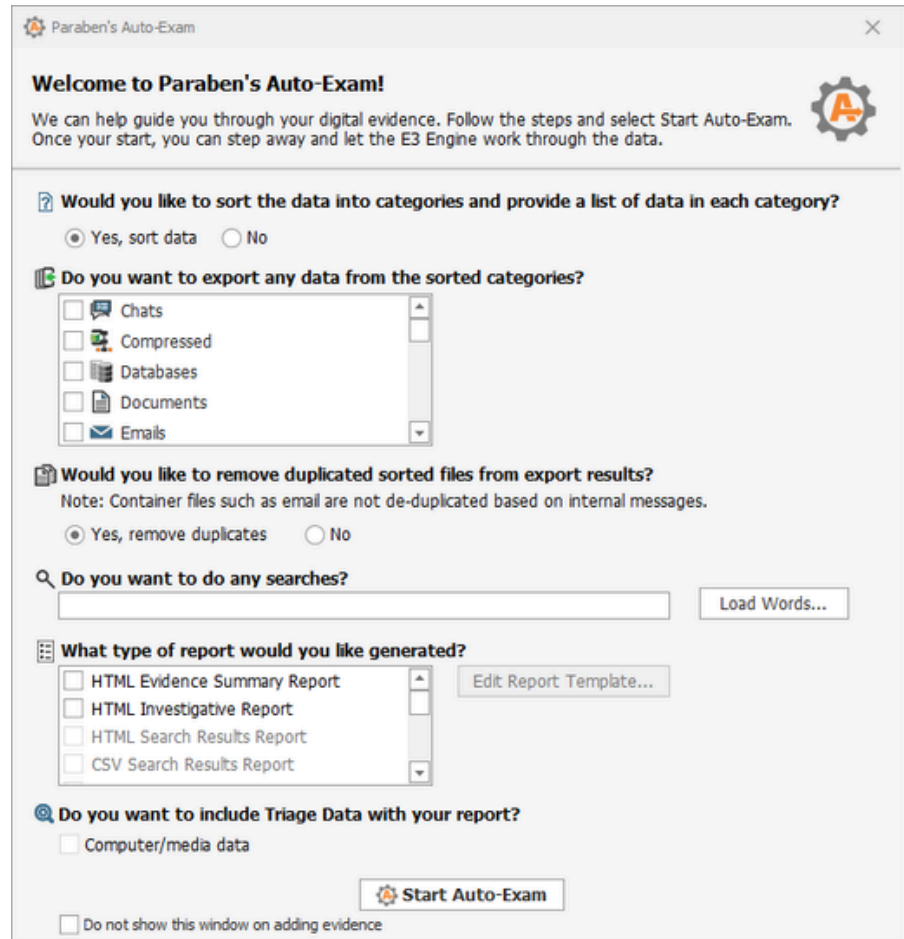
Automation

The E3 Forensic Platform offers customers an invaluable Auto-Exam feature.

This tool effectively automates tasks such as carving, parsing, and searching, generating a comprehensive report without direct machine involvement. This decreases the time required to produce initial findings.

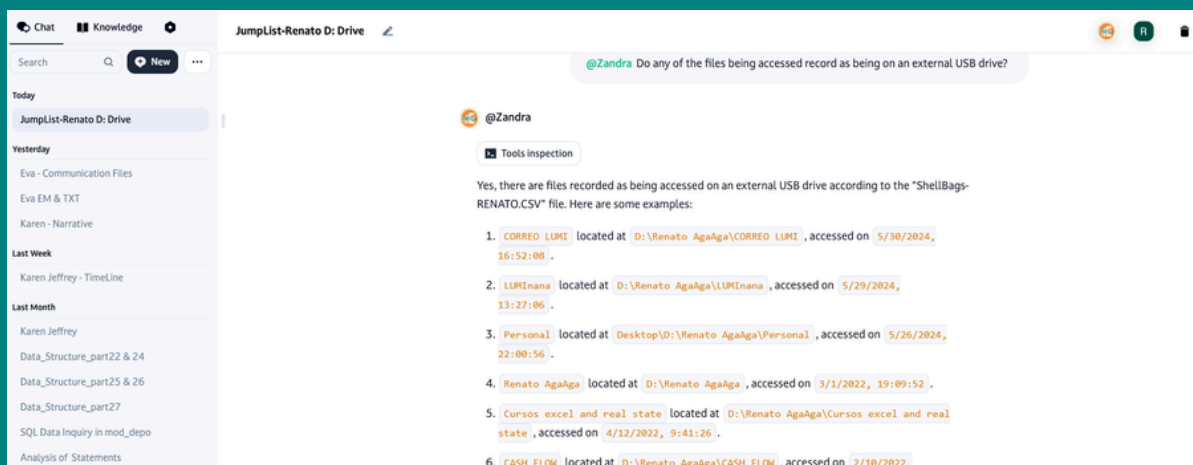
AI & E3

Zandra Ai is an add-on option for E3. This innovative AI assistant helps you quickly identify and analyze key investigative leads.



Zandra Ai operates from a local data source, ensuring your evidence is never shared. It obfuscates data for the LLM, safeguarding your evidence and data.

Zandra Ai is designed to aggregate multiple data sources, providing a holistic view of your investigation. E3 standardizes and combines these sources, enabling Zandra Ai to understand and assist in finding answers. Zandra Ai is the ideal assistant for guiding you to potential areas for deeper investigation.





Feature Focus

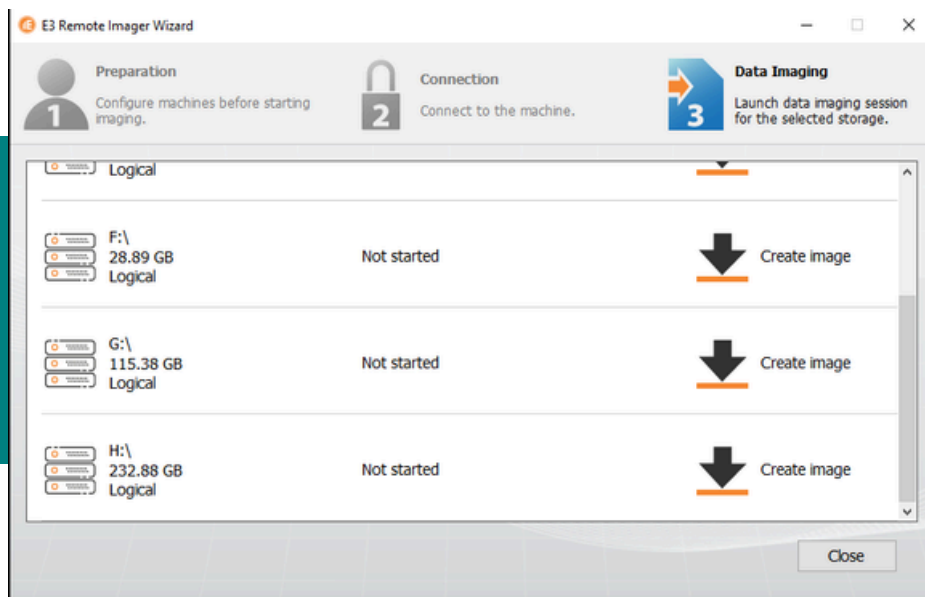
Remote Collections

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Remote Collections

When it comes to finding a tool that can efficiently collect data from both local and remote devices, look no further than E3:UNIVERSAL. With your license, you gain the valuable ability to remotely and securely image machines, enabling immediate analysis. Our remote imaging feature ensures data integrity by using TLS version 1.2. Furthermore, this powerful remote imaging capability seamlessly extends to large-scale cloud storage with Amazon AWS and Microsoft Azure. Experience a smooth transition from data capture to information parsing and processing. Trust Paraben Corporation for all your data collection needs.



E3:UNIVERSAL offers a comprehensive solution that enables machine remote imaging as well as remote cloud data imaging. This innovative tool works seamlessly, connecting agents in the field with examiners in the lab. With a secure session initiated in the lab, a link is sent to the field, allowing for the collection of cloud-related data with consent. Capture and collect valuable information from popular platforms like Facebook, Dropbox, Slack, Microsoft Teams, and more instantly.

