Complete Email Processing

All types of archives can be processed, searched, go through deduplication, and reporting/exporting.

Email is the primary form of communication for businesses and individuals and is a primary source of evidence in many digital forensic investigations as well as in eDiscovery. Knowing how to process the different email archives and get the most valuable information from the active archive as well as the recycling bin and beyond is paramount for your tool.

The E3:EMAIL is a comprehensive technology for processing local and network mailstores. With dozens of archive types supported you have more options with email processing than with any other tool.

The E3 Forensic Platform seamlessly adds a large variety of evidence into a single interface to be able to search, parse, review, and report on digital data from most digital sources.

There are hundreds of different email formats and endless options when it comes to processing email mailstores with the E3 Forensic Platform.

The following is a chart of mail store types supported in the E3 Forensic Platform:

Supported Email Archives		
LOCAL EMAIL		**NETWORK EMAIL**
Microsoft Outlook (PST & OST)	Windows 10 Mail	MS Exchange
Office365 Email	Microsoft Outlook Express	Lotus Notes
Windows Mail Email	The Bat!	GroupWise
America Online (AOL)	Mozilla Thunderbird	
Eudora	Email Files (EML)	
Maildir Database	750+ Mime Formats	

NETWORK EMAIL ARCHIVES
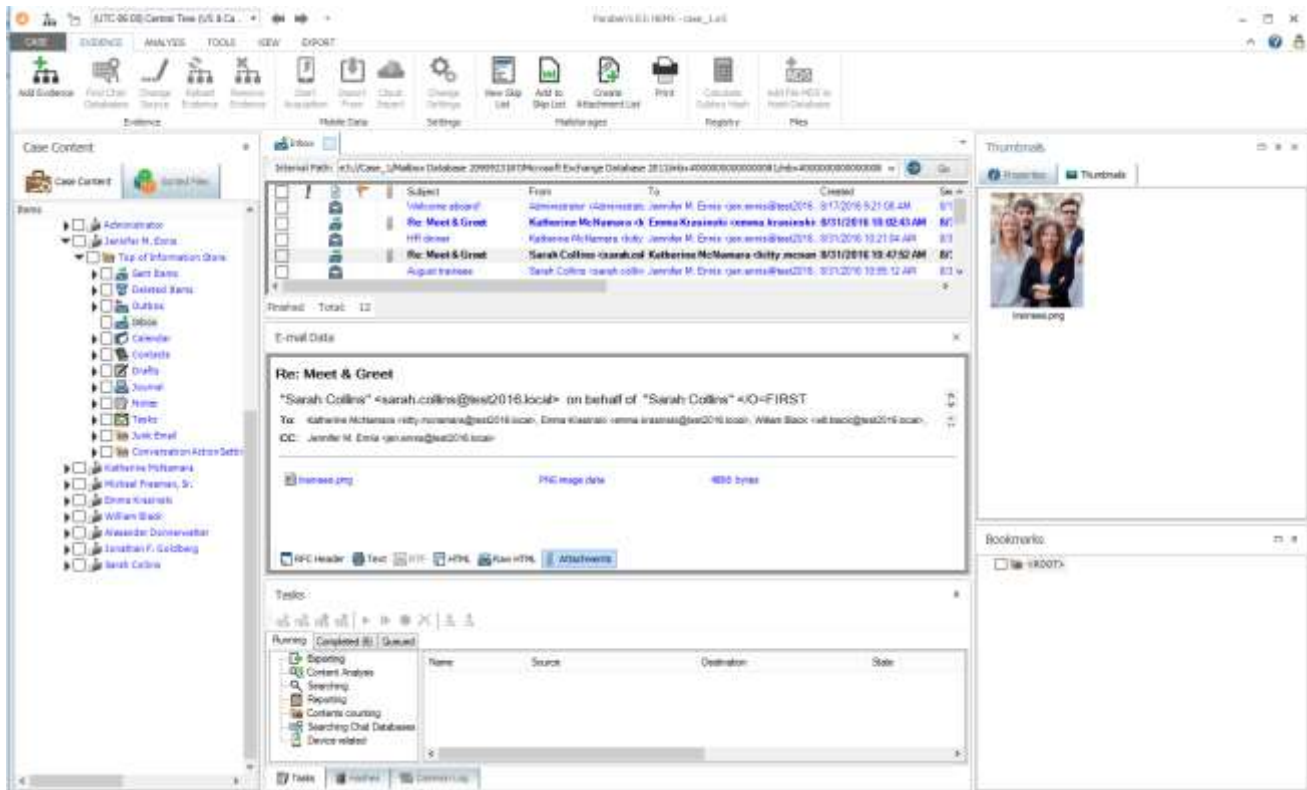
When dealing with any investigation in a corporate environment, understanding the needs and issues of the network mail store is crucial and can make or break an investigation. Paraben's E3 Forensic Platform has been dealing with network email stores since 2002. The unique functions to capture data from even the deepest reaches of the deleted data are only in the E3 Forensic Platform.


MS Exchange - Microsoft Exchange can be hectic and time consuming to deal with. Common problems with corruption and data loss can stop an investigation cold. The E3 Forensic Platform has been designed with that in mind with built-in data corruption repair functions that get you up and running.

Lotus Notes - Lotus Notes as a legacy mail archive can be tricky and the E3 Forensic Platform has made it as easy as possible with the ability to process the archive with the key file and convert the data to PST.

GroupWise - This legacy format is one of the more complicated of the network mail archives. The E3 Forensic Platform takes the review of GroupWise as a comprehensive post office and allows the breakdown of the individual mail stores.

LOCAL EMAIL ARCHIVES
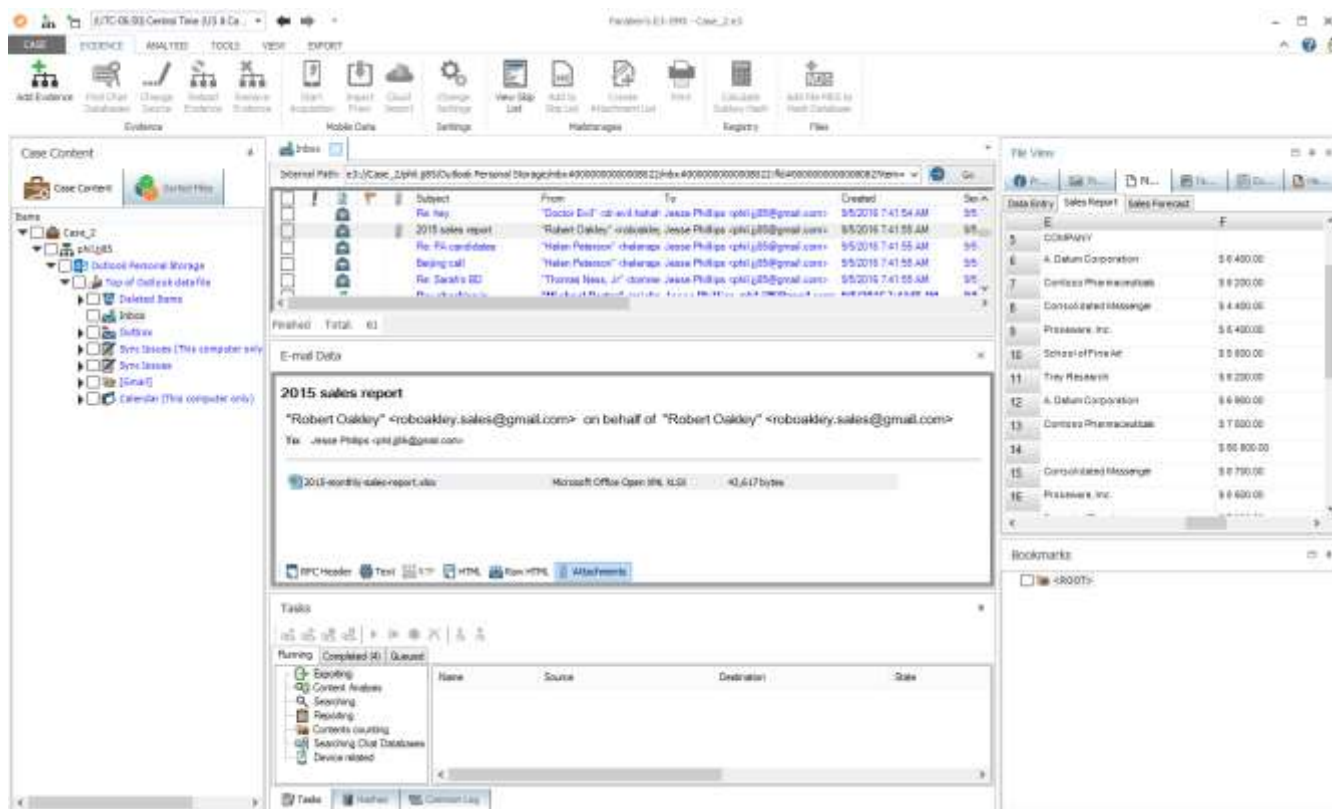
PST – OST - When dealing with these common Microsoft mail formats it is critical to make sure that they are processed as native mail archives for data corruption repair and to ensure the most amount of deleted data recovery.

Office365 - Easily use the Office365 functions in the MS Azure environment to select the custom options for processing individual mail stores or full companies in the Office365 environment.

There is a huge variety of email types available for people to use and with that comes a variety of processing needs. Each mailbox type in the E3 Forensic Platform is processed natively to ensure the maximum amount of data recovery.

eDISCOVERY
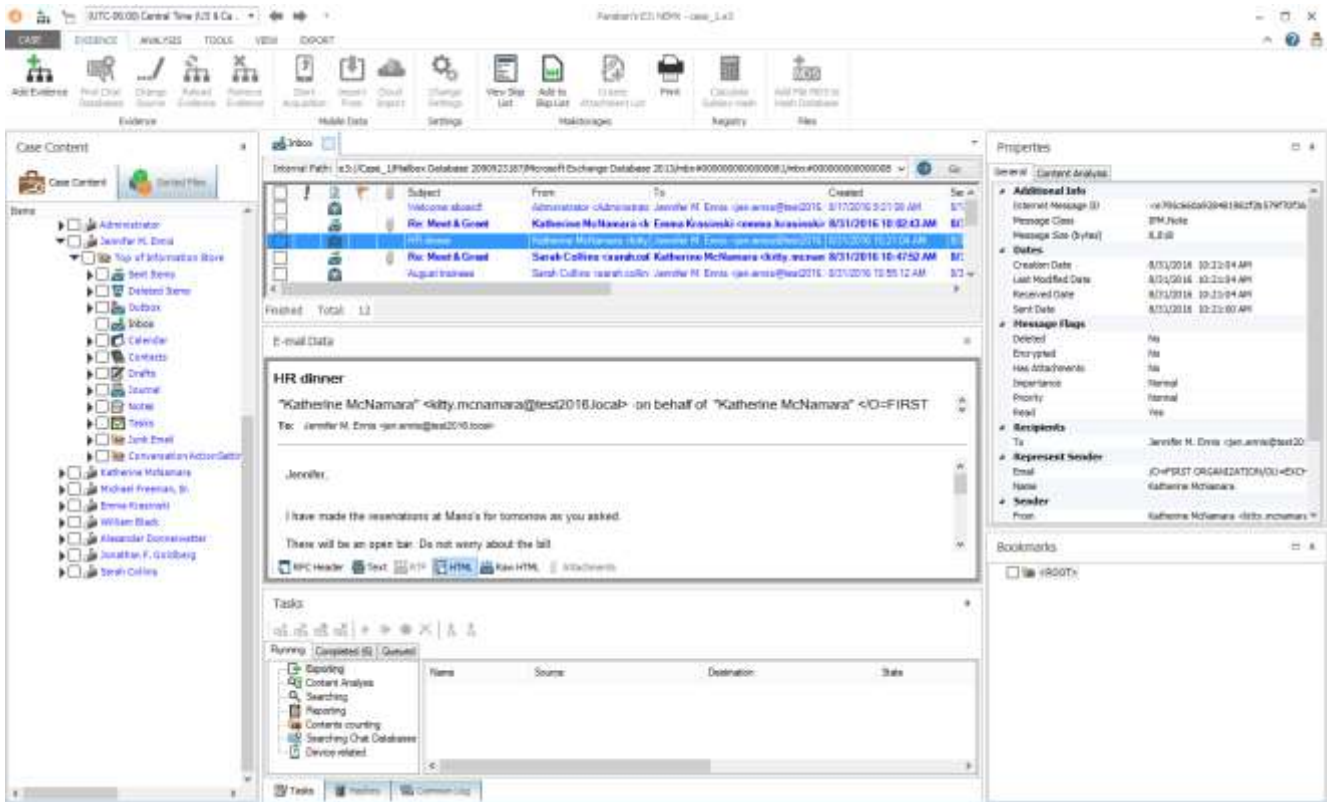
As with many investigations, email processing is common in the eDiscovery process. The ability to bring in a variety of email data sources, deduplicate, search, and export an optimized data form are the keys to the eDiscovery process in the E3 Forensic Platform when dealing with email.

Header Processing - The full RFC header is available for review when processing through email archives in the E3 Forensic Platform. This comprehensive level of processing allows you to view the email in full context.

PST Data Conversion - As PST files have emerged as the most popular mail archive type to produce in eDiscovery the incorporation of this function has been built into the E3 Forensic Platform. MS Exchange, Lotus Notes, GroupWise and more can be converted to a PST file for review by other parties.

Searching - There are endless options for searching inside of the E3 Forensic Platform and that can help you refine the data you are dealing with in eDiscovery. From simple searches, index search, word list searches, Boolean, and GREP everything you need to optimize the data is available in the E3 Forensic Platform.

Unified Interface All Data Types

All the capabilities for E3 are available under a single interface so there is no need to switch between different tools to complete the variety of tasks during your investigation. You can start processing an archive while looking for more data. No need to stop working while you wait. You can process, search, export, and more together in E3.
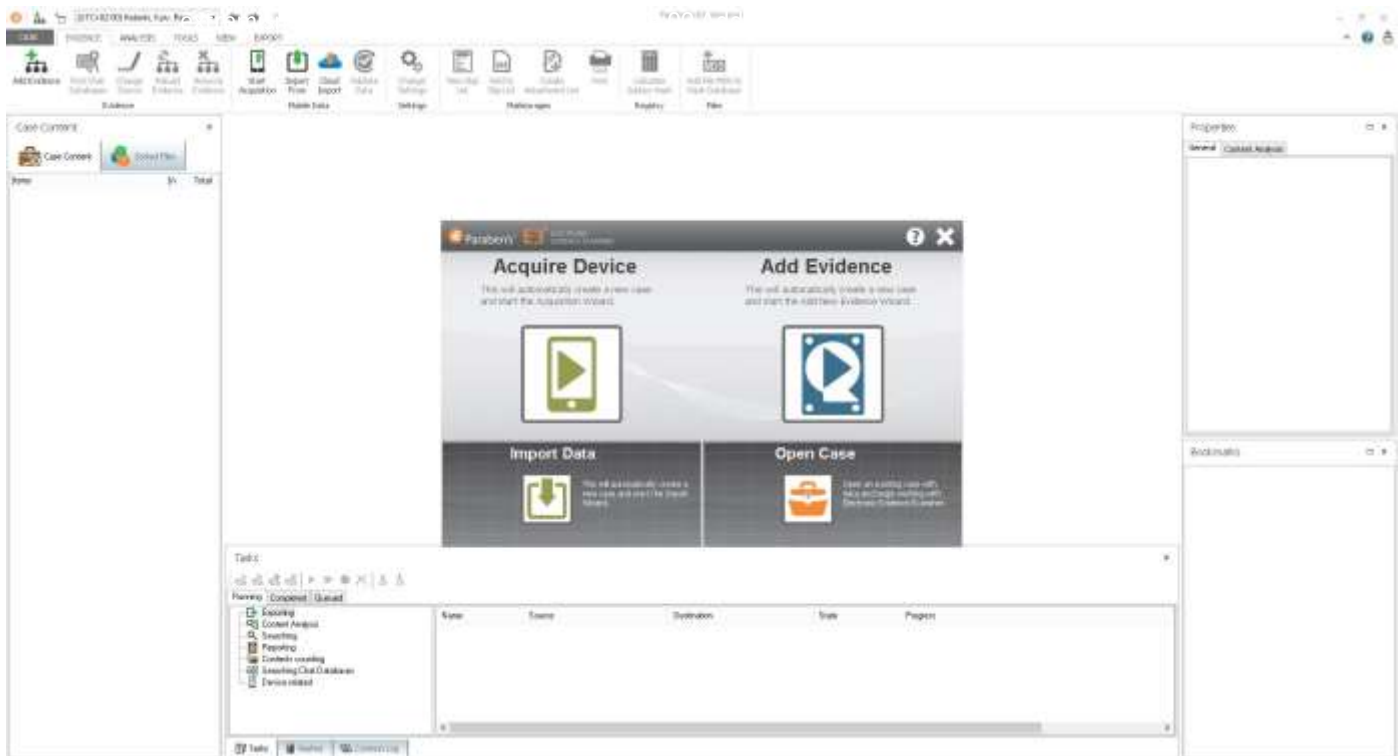
Show off your hard work…

Many people neglect one of the most important aspects of an investigation: the report. The report is the end product of all the hard work you have put in, so you want to make sure you have options that shine. The E3 Platform has a large variety of report types that allow you to share the information you have discovered in an easy-to-follow format.

CONFIDENTIAL

Investigative Report

10/25/2016 1:27:49 PM
Paraben's Electronic Evidence Examiner v.1.0.9447.32252

Examination Summary

On today's date, John Doe of Livex Corporation contacted my office in regards to examining an e-mail database associated with an account owned by Jesse A. Phillips who is suspected of selling corporate trade secrets to anonymous buyers outside the company. Doe is requesting a forensic examination to see if there is evidence of Jesse A. Phillips being involved with selling trade secrets.

Case Data

Case File Location: C:\Users\emily\Reports\Case\
Evidence Data Time Zone: (UTC-06:00) Central Time (US & Canada)

Investigator: Emily Deel
Organization: Paraben Corporation
Phone: 1-801-796-0944
Comments: Demo report case

Email: forensics@paraben.com
Address: P.O. Box 277, Aldie VA 20105-0277
Fax: 1-571-918-4054