

TRUE PROCESSING

LEVERAGED, DISTRIBUTED, INTELLIGENT PROCESSING

We built **TRUE**, our proprietary, EDRM-compliant processing platform, to handle data from any platform, in any language, and in any encoding format. Regardless of the email system or application that created the data, **TRUE** will support it. **TRUE** allows for de-duplication, data filtering and virtually limitless client-driven keyword filtering, dramatically reducing the scope of documents for review.

TRUE is just one step in our integrated chain of services that ensures data preservation, maintains chain of custody, avoids spoliation, protects data security, smoothes transitions, and enhances speed throughout the eDiscovery life cycle.

Our combination of technical prowess and human expertise is critical, and applies in every case, regardless of the type or volume of data. Approaches that rely exclusively on software can fail to recognize what is unique in each new client's data.

Early identification of challenging data elements is the key to proper data handling and sets the stage for successful processing. Our computer forensics experts work closely with the client's IT department to determine the particular nature of the environment and systems, and ensure that harvested data is handled and transported in a manner that will ensure its preservation and integrity. Our technical team can recreate most any platform (e.g. Windows, Unix, Exchange, and Groupwise) and our developers are constantly working to automate the handling of challenging file types as identified by our forensics and production teams. Each member of our project management team is proactive, brings a deep technical background, and is prepared to address questions and present options should issues arise.

VIRTUALIZATION

Using virtual servers, **TRUE** dramatically increases processing speeds and maximizes each physical processor's efficiency. Whether in one of our processing locations or onsite with our client, one computer takes on the power of ten, ten computers operate like one hundred, and one hundred processors become one thousand. The result is fully leveraged, efficient technology that minimizes the footprint required to manage a large volume of data.

LOAD BALANCING

TRUE's internal throttling mechanisms give the production team the ability to control the impact that the processing engine has on the infrastructure backbone. **TRUE** maximizes efficiency as it shuttles back and forth between hosting and processing, and by setting a ceiling on server load, activity is automatically balanced to maximize available resources.

SCALABLE ARCHITECTURE

TRUE supports a single or multiple database and storage server architecture with the flexibility and scalability to quickly ramp up and attack a large data volume. Backed by **TRUE**'s robust, distributed processing capabilities, experienced production teams are able to manage several "hot" projects simultaneously, each processing hundreds of GB per week, in addition to supporting multiple live hosted projects. **TRUE** is built for large data volumes; for one client and a single matter, we managed a pre-processed volume of 130 TB of data yielding 32 TB of processed data, which in turn generated close to 200 million database records.

MULTILINGUAL SUPPORT

We were one of the very first electronic discovery companies to process Japanese and other double-byte character sets. We have become the foremost experts in handling non-English language data, investing more than six years in development of our proprietary processing and document review platforms. **TRUE** is language-agnostic, handling both ANSI and Unicode data, including legacy character encoding like EUC, Shift JIS, and JIS, which is often found in Japanese data.

TRUE can properly process all types of encoding: Extended Roman (e.g. Polish and Norwegian); Non-Roman (e.g. Russian and Ukrainian); Double-byte (e.g. Chinese, Japanese and Korean); and Bi-Directional (e.g. Arabic and Hebrew). We correctly represent text in any language, supporting an unlimited number of languages within any given matter. The platform allows OCR, indexing, advanced search, and TIFF creation for all character sets, and machine translation in virtually any language.

MULTIPLE EMAIL PLATFORMS

TRUE was built to process Outlook and Lotus Notes email natively. We continue to add email processing capabilities and have identified and handled a wide variety of platforms, including, but not limited to:

- Apple Mail
- AOL Mail
- AL Mail
- Atmail
- Becky!
- Bloomberg
- Edmax
- Eudora
- Gmail
- GroupWise
- Hidemaru
- IPD
- MBX
- Microsoft Entourage
- MSN
- OST
- Outlook Express
- Thunderbird
- Yahoo!

EXCEPTION HANDLING AND REPORTING

The **TRUE** processing platform handles virtually all file formats, significantly limiting the number of file exceptions in any data set.

With the appropriate encryption keys and passcodes, **TRUE** automates the processing of a number of different encryption types across a variety of e-file and email platforms, including Lotus Notes. We can also extract data from a wide variety of archive formats, including less common compression files, such as LZH and LH7. Our developers can quickly design and deploy any custom code required to properly process any uncommon or specialized data formats, or address different encryption methodologies.

Utilizing **TRUE**'s extensive tracking mechanisms, we can quickly generate pre-formatted and custom reports on file exceptions so that appropriate actions can be taken.



FLEXIBLE DE-DUPLICATION

TRUE provides the flexibility to utilize multiple de-duplication strategies – e.g., within custodian, globally across the collection, or according to custom specifications – all within the same matter, with complete reversibility and transparency. Our de-duplication can be tailored to fit a particular data set, or in relation to collection methods, or layered to reduce data volume, culling it down to the most pertinent documents prior to human review. If a de-duplication approach does not achieve the desired results, the process can be reversed, revised, and a more data-, case-, or review-centric strategy can be applied. If required, we can provide a report or re-insert the material removed during de-duplication into review or production at a later time.

Any data received for de-duplication will be processed in its entirety. Emails are de-duplicated against other emails. For each email, the following metadata fields are compared: DATE SENT, TIME SENT, SUBJECT, ATTACHMENTS COUNT, AUTHOR, RECIPIENT, CC, and BCC. Each email is evaluated at the parent-child level and a child (i.e. an attachment) will not be split from the parent. Therefore, an email with an attachment and an otherwise identical email without the attachment are treated as unique and neither email message unit will be removed during de-duplication.

Stand-alone electronic files are de-duplicated against other stand-alone electronic files. For each file, the following metadata fields are compared: FILENAME, FILESIZE, MD5, and MODIFYTIME.

MD5 algorithmic hash is a calculated value derived from the entire contents of a file, which provides a fingerprint for each file. An MD5 value has to be a perfect match to be considered to be a duplicate value.

RELATED DOCUMENTS

Using sophisticated, proprietary algorithms applied to metadata extracted during initial processing, **TRUE** can detect near-duplicates, identify conceptual similar documents, and illuminate message threads. The calculations can be done quickly and efficiently, and are scalable for projects of any size.

MULTIPLE EXPORT FORMATS

TRUE has the flexibility to produce single- or multi-page TIFF or PDF formats, native files, or production email container files. We export to all common case management tools, including, but not limited to, Concordance (all versions), Summation, Introspect and Ringtail. We can also create custom load files or custom exports to another hosting environment.

MULTIPLE FORMAT INTAKE

TRUE is designed and optimized to accommodate the speedy importation of data provided to us in almost any format, from almost any other hosting environment. We can quickly and efficiently make data from other sources available for review through our **Global RPM**[®] hosting and review environment.

SEAMLESS INTEGRATION WITH GLOBAL RPM

TRUE is fully integrated with **Global RPM**, our secure hosting environment for document review and production management, allowing our production teams to quickly process, publish and make

data available for review. **Global RPM** is, like **TRUE**, able to handle data from any platform, in any language, and in any encoding format, whether Unicode or pre-Unicode, ensuring that non-English text indexed through our processing engine is readily viewable and searchable.

First Advantage Litigation Consulting has devised end-to-end solutions for thousands of global investigations and litigations, with a special focus on multilingual projects. Our experts work with legal counsel to identify the unique elements of the case, analyze the data sources and devise a plan to collect, process and filter data; search and review the document collection; and manage the production. The result: a practical, defensible and cost-effective strategy that achieves objectives and accommodates any unique jurisdictional or privacy requirements.

ABOUT FIRST ADVANTAGE LITIGATION CONSULTING

First Advantage Litigation Consulting has devised end-to-end solutions for thousands of litigations, investigations and antitrust Second Requests, with a special focus on international and multilingual projects. Our experts work with legal counsel to review discovery requests, identify the unique elements of the case, analyze the data sources and devise a plan to collect, process and filter data; search and review the document collection; and manage the production. The result: a practical, defensible and cost-effective strategy that achieves objectives and accommodates any unique jurisdictional or privacy requirements.

Services include:

Computer Forensics

Our computer forensics experts and consultants are highly respected in their field, with proficiency across all platforms. Our incident response procedures and methodologies for collecting electronic evidence have been supported by courts worldwide. Our team has provided expert testimony and provided written affidavits on hundreds of occasions.

eDiscovery

We offer multilingual data processing, flexible data filtering and sophisticated review technology, including machine translation. **TRUE**, our proprietary processing engine, preserves data and metadata completely and seamlessly integrates with **Global RPM**®, our secure web-based platform for document review and production management.

Managed Review

First Advantage Litigation Consulting offers scalable document review solutions, accompanied by predictable cost models. Our operations, data centers and personnel strategically located around the world ensure seamless management for complex document reviews in any time zone.

First Advantage Litigation Consulting is Safe Harbor certified, and operates offices and data centers throughout North America, Europe and Asia.

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