





### FTI Consulting | At a Glance

FTI Consulting is an independent global business advisory firm dedicated to helping organizations manage change, mitigate risk and resolve disputes: financial, legal, operational, political and regulatory, reputational and transactional.

Each practice is a leader in its specific field, staffed with experts recognized for their **depth of knowledge** and a track record of **making an impact**.

Collectively, FTI Consulting offers a comprehensive suite of services designed to assist clients across the business cycle – from proactive risk management to providing rapid responses to unexpected events and dynamic environments.

#### Who We Are



8,000+

Employees Worldwide

Advisor to 99 of the world's top 100 law firms \$7.7B

Market Cap<sup>1</sup>

**50** 

Advisor to the world's top **50** bank holding companies



**31** 

Countries

82

of Fortune Global 100 corporations are clients

50/100

Advisor to **50** of the top **100** Private Equity International firms

780+

Senior Managing Directors

#### **What Makes Us Unique**



#### **Definitive Expertise**

Our professionals are experts with extensive practical experience applying that expertise to generate decisive impacts.



#### **A Culture that Delivers**

Our culture and working style reflect a bias toward the tangible and a tenacity for meaningful solutions that make a difference.



#### **Comprehensive Services**

Our practices, as standalone offerings and comprehensive solutions, address the range of interconnected issues our clients face.

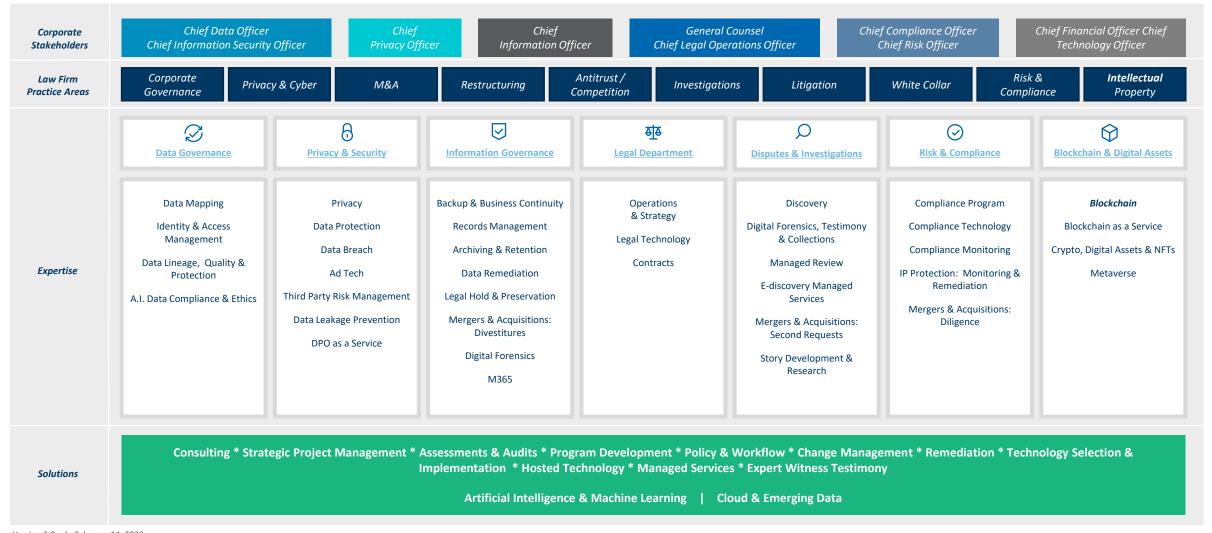


#### **Industry Experience**

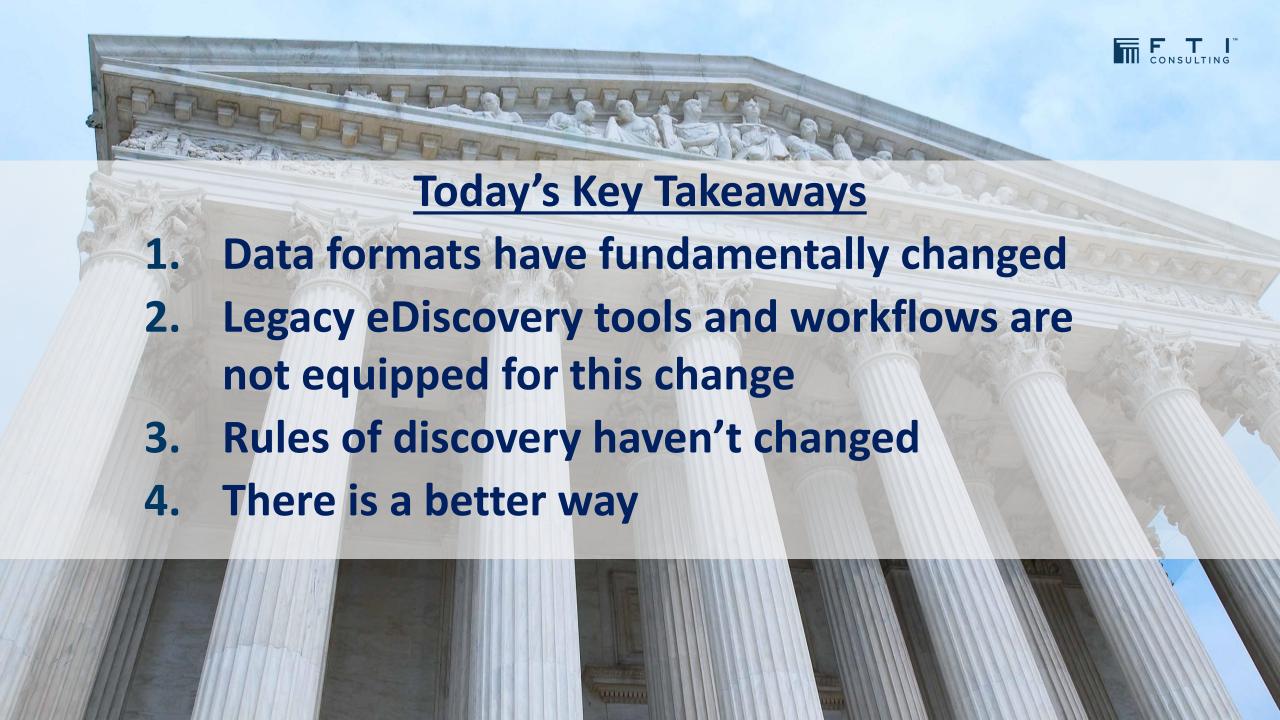
Our industry groups are staffed with seasoned practitioners who possess years of hands-on management and operational experience across 16 industries.

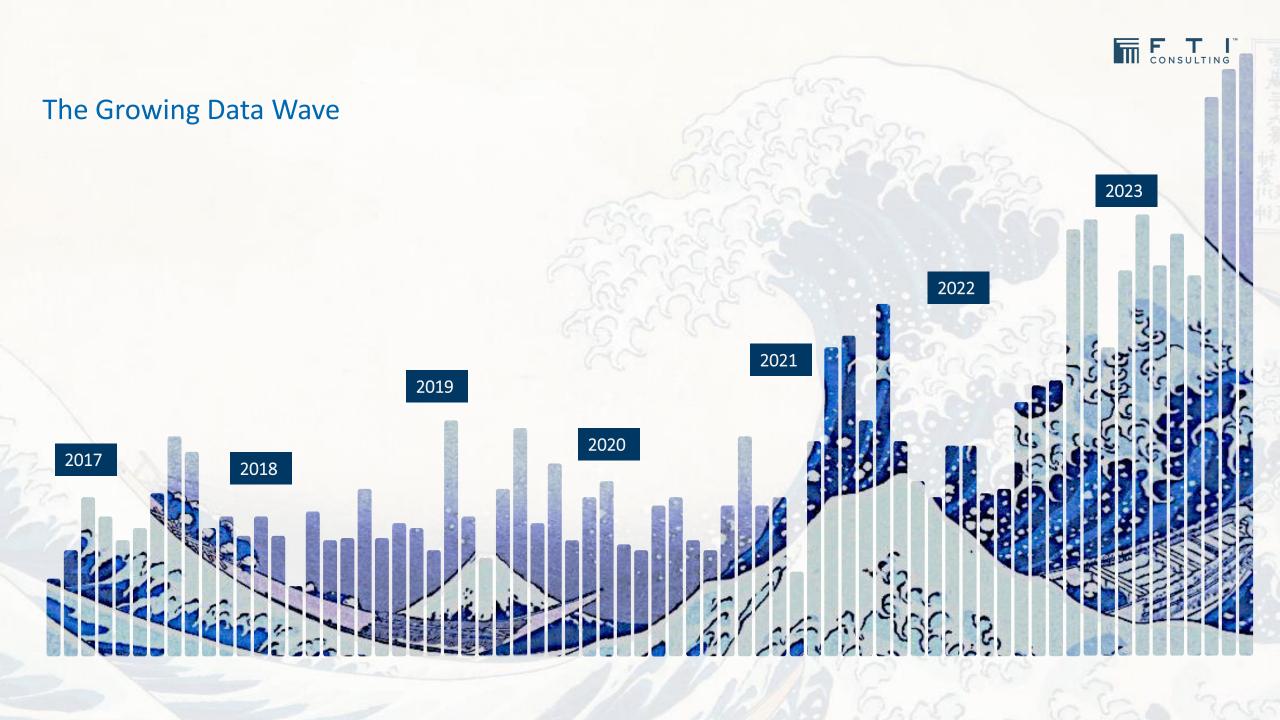


#### Digital Insights & Risk Management







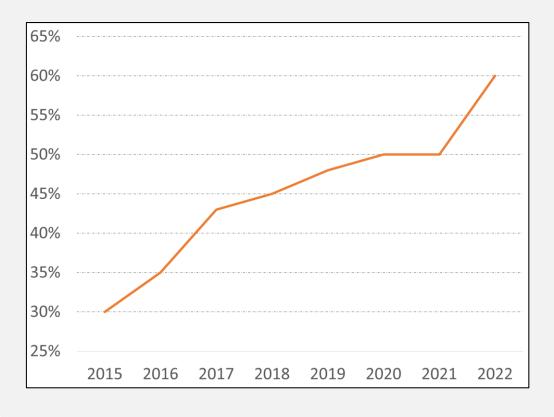




## The Legacy Data Landscape: Static Physical Data







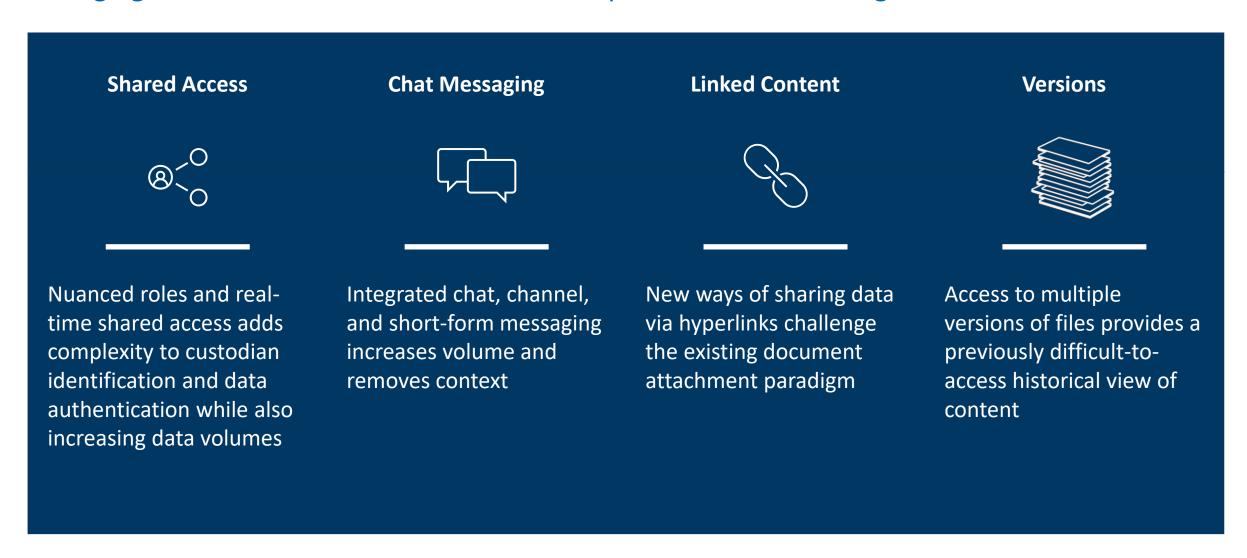


## **Emerging Data Sources: The Problem**





#### Emerging Data Sources: The Fundamental Components of the Paradigm Shift





#### The Problem – Impact on Existing Workflows

#### Identification

Ease of adoption driving the proliferation of new applications making identification more challenging

#### **Preservation**



Complex collaboration ecosystems introduce gaps in retention and hold capabilities

#### Collection



Modern collaboration platforms provide modern forms of integration that don't support legacy methods of data collection

#### **Processing/Review**



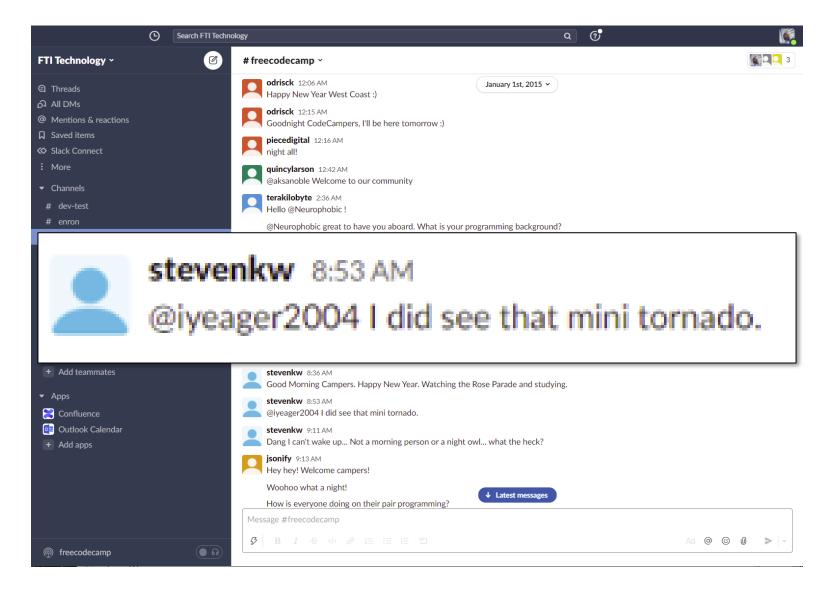
New complex data formats introduce processing and review challenges

Continuous deployment is rapidly increasing the pace of change, impacting existing workflows

Limited case law, no standards, and few best practices



### The Problem – Complex Formats and Short Form Messages



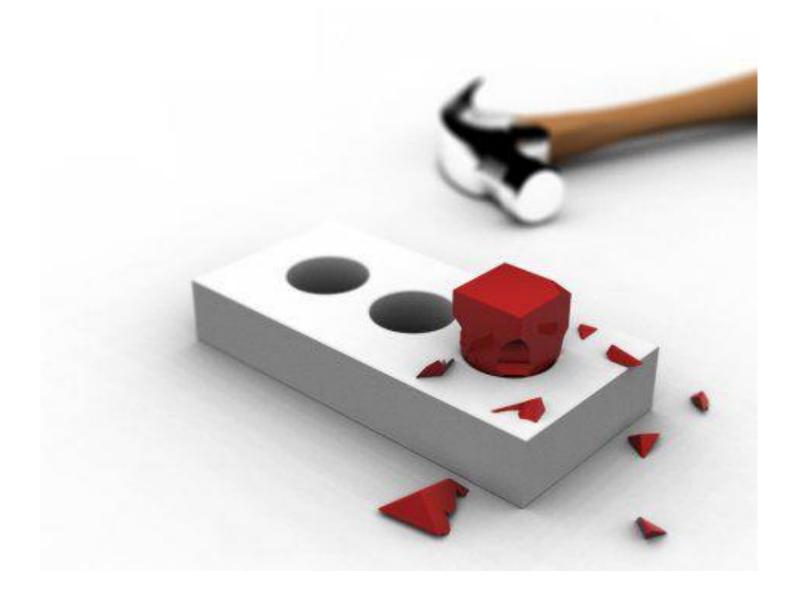


## The Problem – Complex Formats and Short Form Messages

```
"type": "message",
             "text": "Happy New Year West Coast :)",
             "user": "UGX4L4HRB",
             "ts": "1420099570.000000"
         },
             "type": "message",
             "text": "Goodnight CodeCampers, I'll be here tomorrow:)",
11
             "user": "UGX4L4HRB",
12
             "ts": "1420100152.000000"
             "type": "message",
             "text": "night all!",
             "user": "UGY7QBTE2",
             "ts": "1420100188.000000"
             "type": "message",
             "text": "@aksanoble Welcome to our community",
             "user": "UGWQ5KDUJ",
             "ts": "1420101773.000000"
         },
             "type": "message",
             "text": "Hello @Neurophobic !",
```



## The Problem





## Drips Holdings, LLC v. Teledrip LLC, No. 5:19-CV-02789 (N.D. Ohio Apr. 5, 2022)

- "Defendants were on notice of litigation in August of 2019. It is not disputed that on October 28, 2019, Defendants changed their Slack retention settings from indefinite to a seven-day retention period and deleted all its Slack data up to that point."
- "Defendants 'knowingly spoliated the Slack data with the intent to deprive Drips from discovering its content.'"
- "a mandatory adverse-inference instruction is warranted."



## Case Law: Hyperlinks, Linked Content, and the Quest for the Modern "Family"

#### Courts have wrestled with many issues Identifying Balancing Defining a Resolving Relationship Version Limiting Access and internal or between the burden and document vs collection to privilege control issues control link and the relevant links cost to ensure location non-public vs waiver for external links target (if any) collection is unsecured proportional links



What is a reasonably usable format for hyperlinked documents?

- In the absence of agreement, a party must produce the document in an ordinarily maintained or reasonably usable form (FRCP Rule 34)
- A hyperlink is a digital reference to a document or location stored in a secondary location or target
- A document "family" for production purposes is not defined by The Federal Rules



### In re Uber Techs., Inc. Passenger Sexual Assault Litig. 2024 WL 1772832 (N.D. Cal. 2024)

- In sum, the briefing and evidence, as well as related case law, have made clear that cloud computing and document retention through Google Drive and Google Vault introduce a host of challenges to producing hyperlinked documents from Google Drive and other sources.
- "'Attachment(s)' shall be interpreted broadly and includes, e.g., traditional email attachments and documents embedded in other documents (e.g., Excel files embedded in PowerPoint files) as well as modern attachments, pointers, internal or non-public documents linked, hyperlinked, stubbed or otherwise pointed to within or as part of other ESI (including but not limited to email, messages, comments or posts, or other documents). This definition does not obligate Uber to produce the contemporaneous version of Google Drive documents referenced by URL or hyperlinks if no existing technology makes it feasible to do so."



In re StubHub Refund Litig. 2023 WL 3092972 (N.D. Cal. 2023)

"Let's get back to basics: Litigants should figure out what they are able to do before they enter into an agreement to do something."



## Increasing Regulatory Scrutiny of Emerging Data Sources

Regulators worldwide are scrutinizing emerging data sources, including modern collaboration platforms and chat applications. The Department of Justice, the US Securities and Exchange Commission, the Federal Trade Commission, and the Commodity and Futures Trading Commission have introduced new regulations and guidance regarding the management of emerging data sources and imposed severe penalties on organizations that fail to comply.



# SEC Charges 11 Wall Street Firms with Widespread Recordkeeping Failures

Firms admit to wrongdoing and agree to pay penalties totaling \$289 million



CFTC Orders 11 Financial Institutions to Pay Over \$710 Million for Recordkeeping and Supervision Failures for Widespread Use of Unapproved Communication Methods

Registered Swap Dealers and FCMs Admit Use of Texts, WhatsApp and Other Unapproved Methods to Conduct Business



## Increasing Regulatory Scrutiny of Emerging Data Sources

## The Washington Post

Democracy Dies in Darkness

# Federal regulators accuse Amazon executives of deleting messages

Amazon leaders' use of Signal app is becoming an issue in a landmark antitrust case; company says allegations are 'baseless'

By Caroline O'Donovan and Will Oremus

April 26, 2024 at 2:37 p.m. EDT

January 26, 2024



## US regulatory agency posture on collaboration platforms and ephemeral messaging

"Companies and individuals have a legal responsibility to preserve documents when involved in government investigations or litigation in order to promote efficient and effective enforcement...this preservation responsibility applies to new methods of collaboration and information sharing tools, even including tools that allow for messages to disappear..."

**HENRY LIU**, FTC BUREAU OF COMPETITION DIRECTOR

The term "Messaging Application" refers to any electronic method that has ever been used by the Company and its employees to communicate with each other or entities outside the Company for any business purposes. "Messaging Application" includes platforms, whether for ephemeral or non-ephemeral messaging, for email, chats, instant messages, text messages, and other methods of group and individual communication (e.g., Microsoft Teams, Slack). "Messaging Application" may overlap with "Collaborative Work Environment."



## US regulatory agency posture on linked content

Attachment relationships. You must ensure that attachment relationships are preserved and produced as described in detail in the Standard Specifications for all documents, particularly emails and hardcopy. If the Company uses any document management system, collaboration tool, cloud resource, or other technology that links or connects documents or information across electronic locations, applications, or platforms, be prepared to address how those linked or connected document or information (e.g., attachment, linked file, data, etc.) will be produced and how the Company will ensure the authenticity of the documents or information (i.e., how you will produce a document database record or report, or other information that is represented by a link in an email or other document, in a manner that maintains the relationship between the documents and accurately provides the information to which an employee of the Company has or had access). Graphic objects embedded in emails such as logos, letterheads, or backgrounds should remain as part of the email and not be extracted as separate attached documents. All embedded objects or inline images (e.g., Excel, Word documents, logos, and social media icons) should remain as part of the original document and not extracted as an attachment or a separate document.







## FTI Technology Emerging Data Sources Team

FTI Technology formed the Emerging Data Sources Team in 2017 to tackle the shift to cloud-based computing. The team consists of experts in information governance, digital forensics, software development, and eDiscovery systems. It has developed programs, conducted investigations, and collected evidence in matters involving data from cloud collaboration platforms and applications.



#### **Advisory**

Data, Information Governance, Compliance, and Surveillance Program Development

Digital Forensics and Emerging Data Testimony

Litigation Readiness Programs

Microsoft 365



#### **Solutions**

FTI Technology Connect

FTI Universal Message Processing

Link Analyzer

Version Identification and Collection

Emerging Data Enrichment

Custom Solution Development

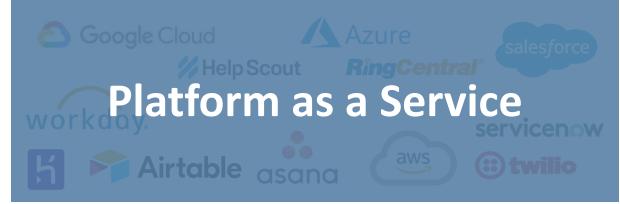


















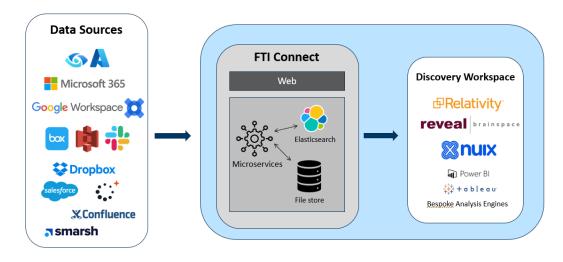




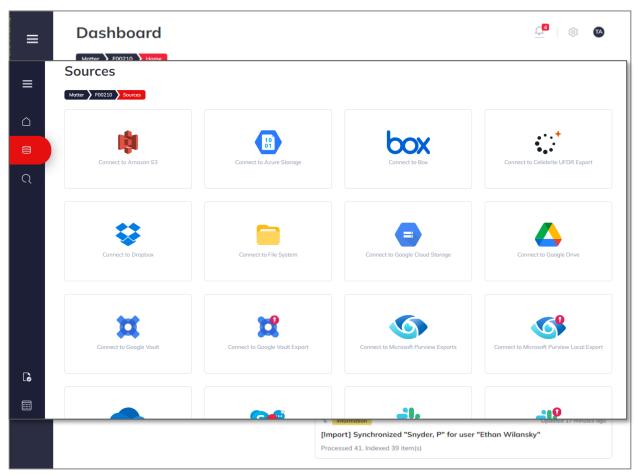


#### FTI Technology Connect

#### FTI Connect is a proprietary platform built by FTI Technology to drive faster access to insights within a modern organization's data



- Data source discovery to rapidly identify and document cloud source endpoints and API versions.
- •Managed **secure authentication** functions built on modern oAuth protocols.
- •Standard **data models** that reduce data source complexity by mapping common elements across collaboration and chat platforms, document libraries, and archiving platforms.
- •Standard outputs and integration with external platforms like Relativity or other cloud endpoints.
- Enrichment services that add context and facets to a data set.
- •Complete **audit** and tracking capabilities to ensure a secure and defensible approach.





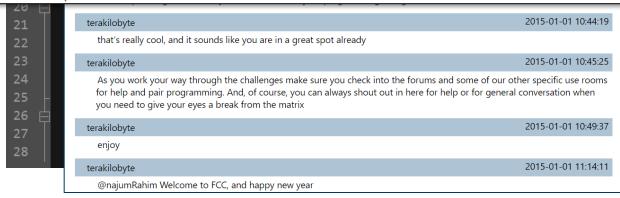
## FTI Universal Message Processing

Chat	Filters			
<b>~</b>	Participant/Sender	Messages	Attachments	
<b>~</b>	ammaralishah	17	0	_
<u>~</u>	benstoltz	14	0	
<b>~</b>	harames	15	0	

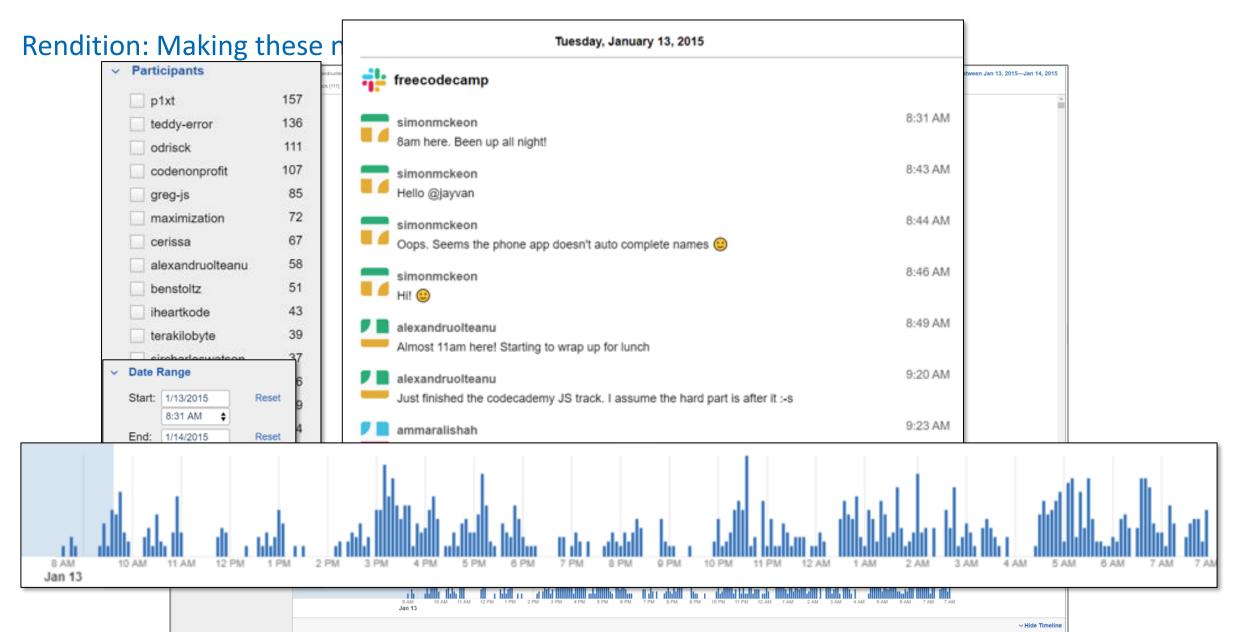


salesforce	Botter B
Zoom	Workplace
// wick	r RYVER ** Chime

odrisck	2015-01-01 08:06:10
Happy New Year West Coast :)	
odrisck	2015-01-01 08:15:52
Goodnight CodeCampers, I'll be here tomorrow :)	
piecedigital	2015-01-01 08:16:28
night all!	
quincylarson	2015-01-01 08:42:53
@aksanoble Welcome to our community	
terakilobyte	2015-01-01 10:36:07
Hello @Neurophobic !	





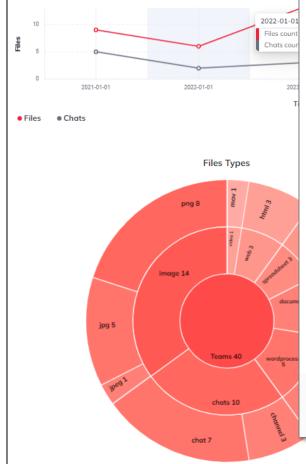




### Continued Innovation in

#### **Expanding Universal Message Pro**

Files Chats

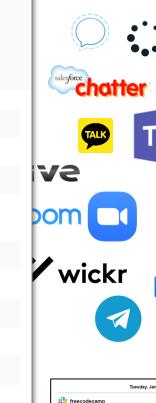


#### **Channel Preview** General (TS Org) JSON Preview Statistics Channel General TS Org Team 04.08.2021 06:02:22 Date Tomasz Stojecki, Ethan Wilansky, Andrzej Stepka, Bartosz Staniek, Tomek Members Active Stojecki Ethan Wilansky, Andrzej Stepka, Bartosz Staniek, Tomek Stojecki Members Attaching Tags hot Messages 119 Deleted Edited Reactions like (6) attaching (11) invited (8) left\_channel (4) message\_deleted (4) Events

Chat (Javier Vasquez, Ethan Wilansky)

message\_edited (2)

General

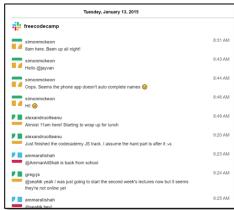


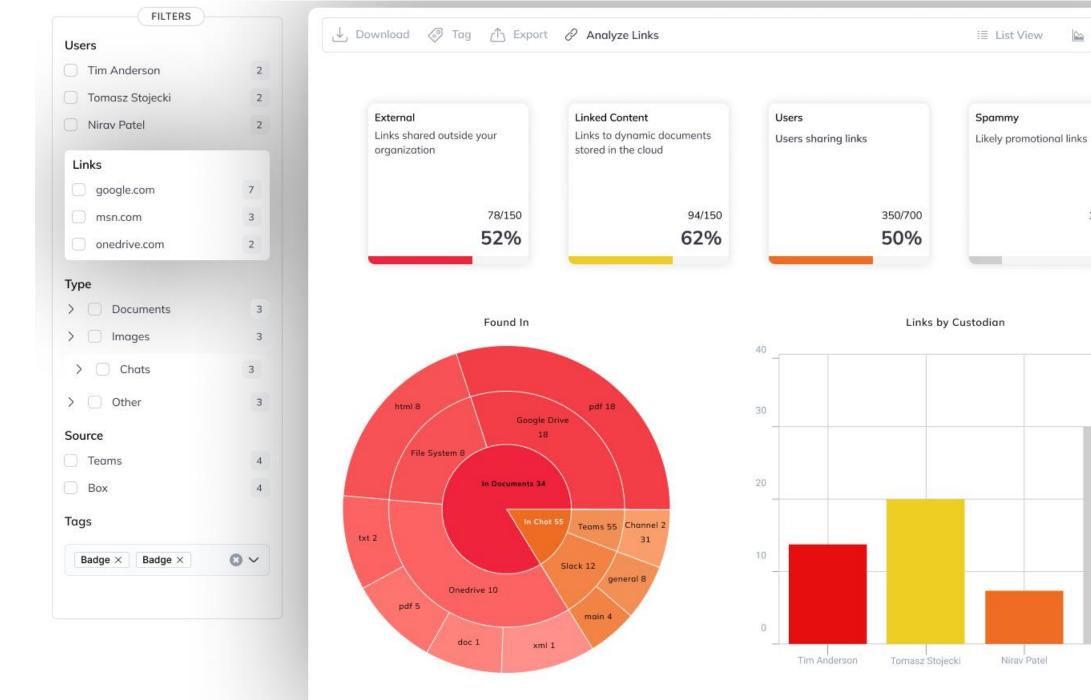
×

Close

Chat (Ethan Wilansky, Tim Anderson)







Graph View

14/150

9%

Alex Wilber



#### Search





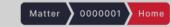




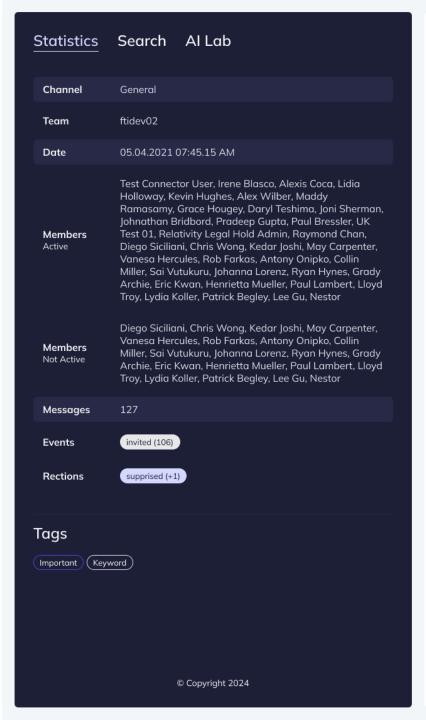
Co

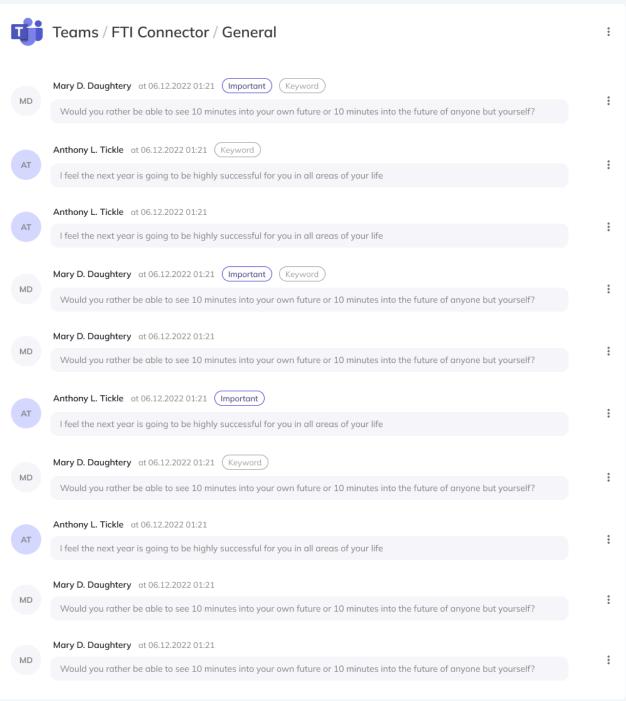
Enri

Q

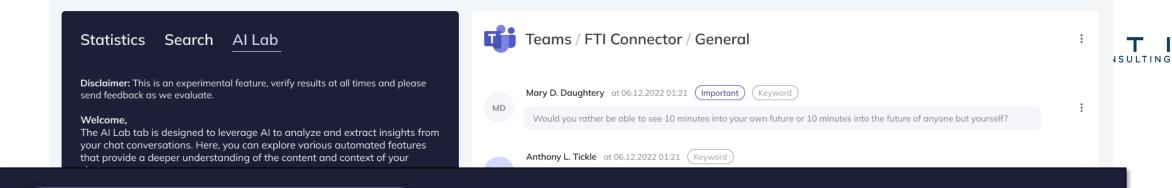


1-16 of over 2,000 results for "mediaType.shortName:(docx or zip or other or eml or xlsx or csv or txt or in)" **Channel Preview** Q e.g. type: visualization -is:active joe Search TEAMS / TS Org / General other × Tomek × ) ( Tim Ande Statictics JSON Links Preview **FILTERS** User • google.com (25) • live.onedrive.com (28) • msn.com (73) Tim Anderson Tomasz Stojecki List Date Source Actions Nirav Patel 2 https://drive.google.com.com/?1ajr803#ewfg Oct 7, 2020 6:53 PM Q Box Type https://drive.google.com.com/?1ajr5303#jdfutpo Oct 7, 2020 6:53 PM Q Box Documents https://drive.google.com.com/hgbjr98603jdfutpoyf Jun 14, 2022 10:49 PM Box Images https://live.onedrive.om/kfoapwrpoyf?567952 May 10, 2022 7:11 PM Box > Other 3 https://live.onedrive.com/adgeybkfoapwrpoyf?9643 Jun 27, 2022 12:27 PM R Box Source https://live.onedrive.com/kfoapnvcdwrpoyf?1275 Jun 27, 2022 12:27 PM Box Teams https://msn.new.com/hgbjr98603jdfutpoyf Oct 7, 2020 6:53 PM Box Box https://google.com/adgeybkfoapwrpoyf?9643 Oct 7, 2020 6:53 PM Box Tags https://edition.cnn.com/2024/08/26/sport/winning-team-2024 Jun 14, 2022 10:49 PM Box **3** × Badge × Badge X Box Export CSV Cancel < 1 2 3 4 >



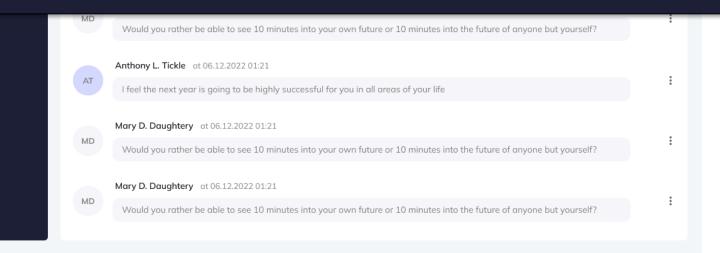


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## **Gather Multimodal Insights**

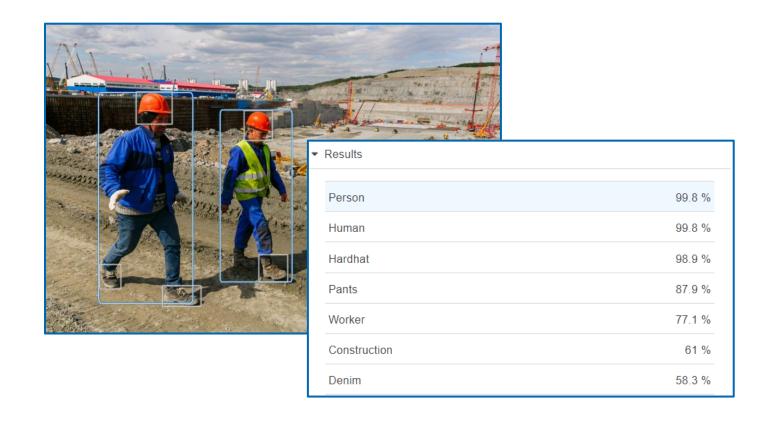
Obtain descriptions for any images and media files shared in the chat. This feature analyzes and provides details about the visual and multimedia content within the conversation.

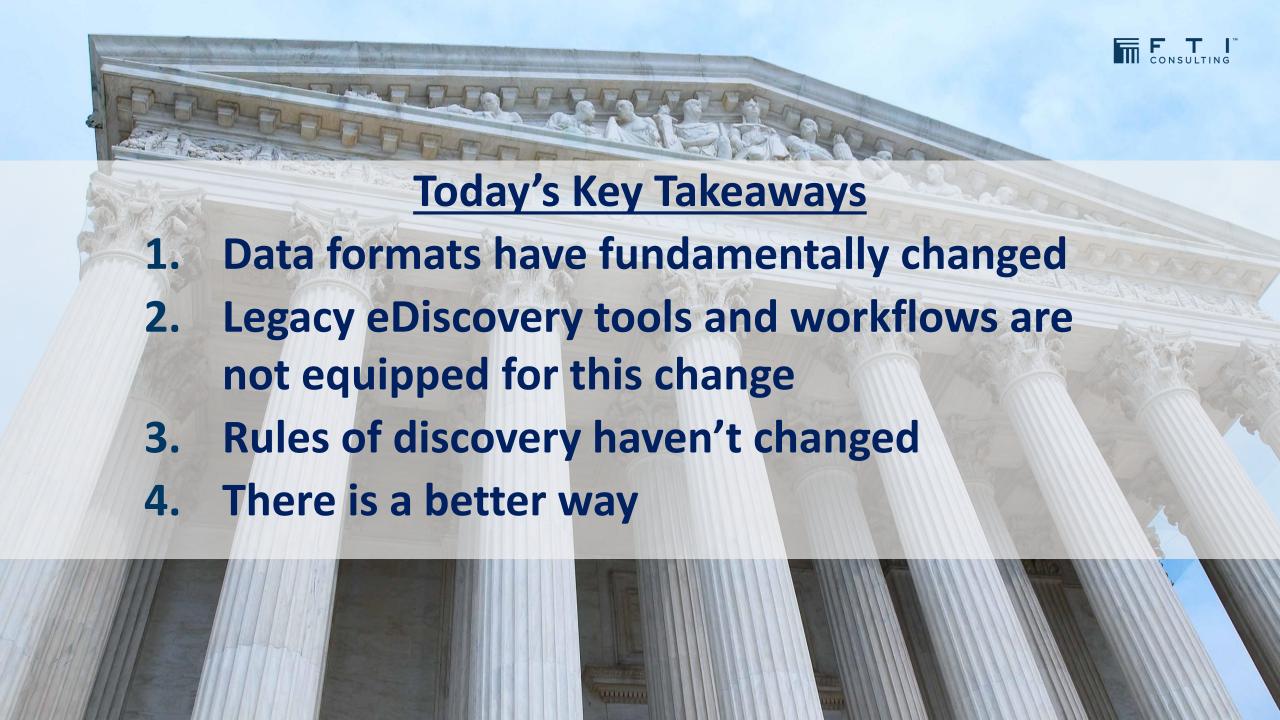




## Getting Faster Access to Insights through Enrichment

Enrich data through image labeling, transcription, summarization, translation, and segmentation





## **Questions?**





#### The State of Emerging Data in 2024

The only way to address new challenges as they catch fire will to take expert-led, technical and proactive mitigation





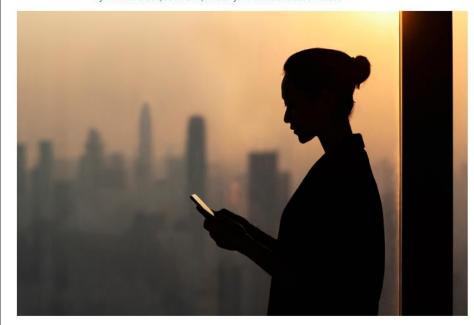
### Thought Leadership: Regulatory Scrutiny

A broad cross-section of regulatory activity underscores just how valuable and risky data has become in the current business environment. More pointedly, scrutiny over "off-channel communications," or "emerging data sources," such as modern communications tools, collaboration platforms, personal devices and chat applications, is intensifying worldwide. U.S. authorities including the Securities and Exchange Commission, the Commodity and **Futures Trading Commission and the** Department of Justice have released new requirements surrounding the governance of emerging data sources and have implemented severe penalties against financial services institutions that have failed to properly preserve, monitor and manage off-channel communications.

AN FTI TECHNOLOGY REPORT

Regulatory Scrutiny of Off-Channel Communications, Emerging Data Sources Heightens Governance and Compliance Risks

By Tim Anderson, John Goff, Anthony Primiano and Jason Sabot



EXPERTS WITH IMPACT™



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**Experts with Impact**™

