# Automating Workflows and Processes
# To Improve Mission Critical Efficiencies

# The Automation Opportunity

Having an efficient workflow process is essential for the success of mission-critical tasks within the American Military. Administrative costs have skyrocketed due to the need for managing the large amounts of data that are flowing through the organization daily. To try and manage all this data, numerous new accounting, management, and analytic software have hit the market. CRM, BI, EHR, and case management, to name a few, are all great tools that help make humans more efficient. Unfortunately, most of these tools that try to make us more efficient, don't communicate with each other. Vital data is trapped. To transfer data from one system to the next, a human must manually enter that data which reduces our high-level staff into overpaid data entry machines.

And humans make errors. On average, humans have an error rate between 10-30% depending on how mundane the task is. In the US and UK alone, human errors cost enterprises over $37B every year.

## $37 Billion/Year
*(Risk Management Magazine, 2013)*

With ever reducing budgets, the American Military needs to be proactive in adopting cutting edge technology to help extend and accelerate human capabilities, while also reducing errors.
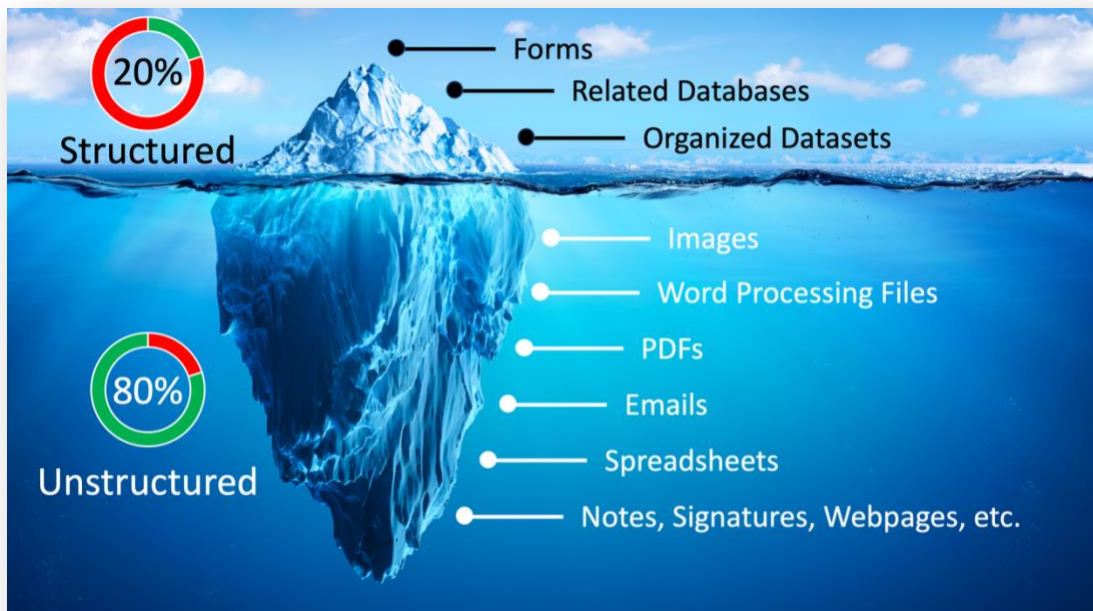
Tackle Ai offers the perfect solution to tackle both of these issues – make staff efficient again and reduce errors. Tackle Ai is a next-generation AI that can capture, comprehend, and identify not only types of documents but business-critical information contained within those documents—all automatically.

Tackle Ai works with structured, unstructured, highly variable documents and images without any need for human interaction. These documents make up essentially any type of document that the American Military handles on any particular day. There is so much data being created every day. An article from IBM recently stated that "90% of the world's data was created in the last two years alone, at 2.5 quintillion bytes of data every single day." Additionally, over 80% of the world's information is unstructured data.
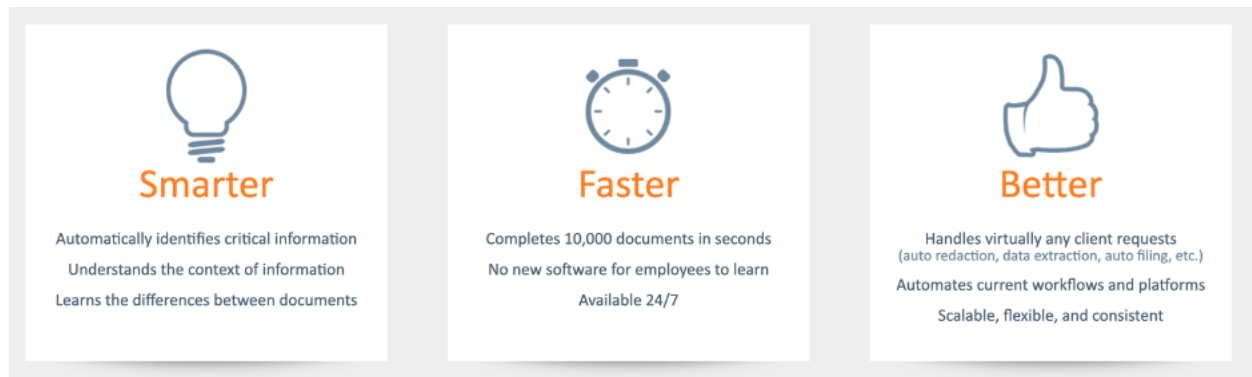
Tackle Ai can quickly enable the American Military to gain a richer, more meaningful understanding of their information, while greatly reducing labor and document management expenses. What used to take humans or other software hours or days, Tackle Ai completes in mere seconds…at a fraction of the cost.



Tackle Ai leverages its proprietary, mathematical layers of algorithms coupled with machine learning to create an advanced network for the AI. As a result, we can read and understand documents just like a human, only much faster, with far fewer errors, and at a fraction of the cost. We even take it a step further by validating the data during the process to ensure you are getting nothing but the highest quality information. And because our AI is similar to a human's intelligence, the AI will only continue to get smarter and faster with more and more documents that it sees.

# A Better, Automated Solution

By leveraging Tackle Ai, the American Military customers will free up their staff to accomplish high-level work, reduce the downtime and cost associated with errors, and have access to their disparate data in an extremely fast and efficient manner.

## Smarter
Automatically identifies critical information
Understands the context of information
Learns the differences between documents

## Faster
Completes 10,000 documents in seconds
No new software for employees to learn
Available 24/7

## Better
Handles virtually any client requests
(auto redaction, data extraction, auto filing, etc.)
Automates current workflows and platforms
Scalable, flexible, and consistent

And the best part is, the end-user doesn't have to learn new software. Tackle Ai runs in the background, automating existing workflows.

Tackle Ai discovers data in documents and images in a dynamic way, without training on individual documents. Our AI automates current business workflows so there is no new software that an end-user needs to learn. The crucial information companies truly desire is obscured by irrelevant data, requiring valuable time and resources of humans to manually extract it. RPA (Robotic Process Automation) is an alternative to manual extraction, but RPA still requires an immense amount of man-hours and "zoning" of individual documents to function. The information that companies need to be extracted, validated, or processed, has to always be in the same spot for RPA to even work, which limits it's potential.

Tackle Ai has developed a proprietary AI platform that reads documents the way a human would, only in a fraction of second. Once the AI discovers data, such as names, dates of births, social security numbers, medical, financial, shipping information, etc., the AI can then extract the information and populate databases or current enterprise solutions. The AI can also file the documents, redact sensitive information, and validate the information on those documents, all automatically.

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# Gain Valuable Benefits

The company that can analyze and gain insights into their data faster has an immense competitive advantage.

**Tackle Ai benefits:**

- We are faster, more accurate and far less expensive
- No additional time or expense training end-users on how to use our software
- No additional time or expense having end-users train our AI on client-specific documents
- Transfer data from one system to another, automatically, with 99.99% data accuracy
- We approached solving this problem in a very new and unique way based more on math and probability versus coordinate location, or keywords, or zoning

**The savings are immense:**



| | BEFORE | AFTER | |
|---|---|---|---|
| STAFF | 800+ Employees | 80 Employees | |
| ACCURACY | 10-30% Error Rate | Up to 99+% Accurate | $30 MILLION ANNUAL SAVINGS |
| TIME | 48 hours | Fraction of a Second | |

*Actual Client Results*

**AFWERX and 192d Wing expected project results:**

AFWERX and the 192d Wing has tasked the Tackle Ai artificial intelligence engine to provide workflow automation for the HR Smart Weapon project. It has been estimated that **the Tackle Ai engine will save their Wing over 150,000 man-hours annually**.

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# What Our Clients Are Saying

"We have saved over 50% of our operational expenses by leveraging Tackle AI's engine."

"Tackle AI completely automated 82% of our company's entire workflow!"

"Our existing workflow topped out at 96% accuracy, which is pretty good. Tackle Ai however, is helping us recover over $3M annually in lost revenue from the extremely difficult, final 4%."

"Not only is Tackle AI extremely fast, but unlike our old solution, Tackle Ai runs 24/7/365 and doesn't need coffee breaks, or calls in sick."

tackleai
The **logical** solution.