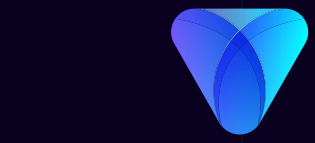


mentat™

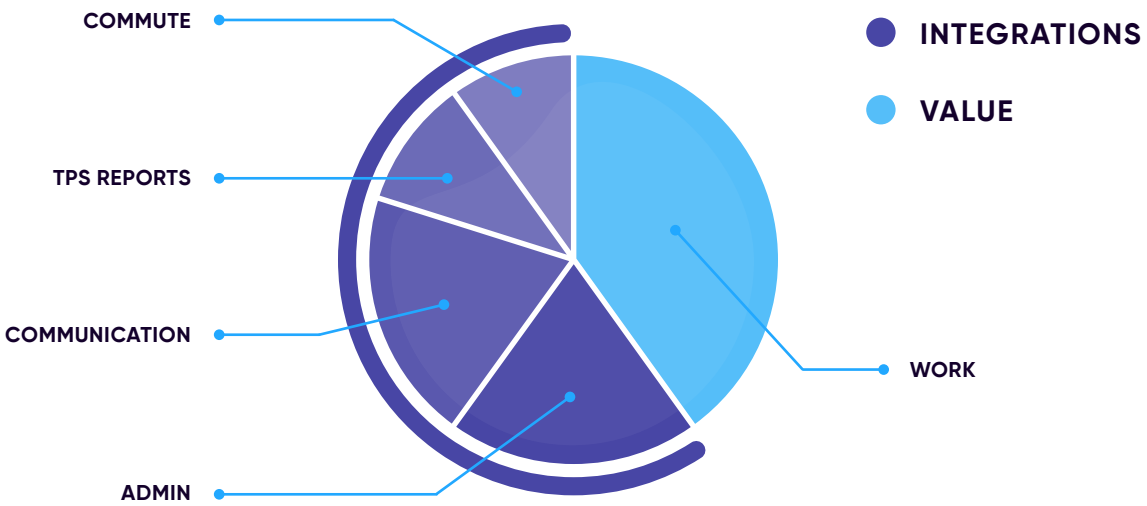
Litepaper

The Problem

02

People spend roughly one-third of their day "at work." But, how much of that time do people spend delivering actual value, and how much do they spend on tasks *related* to their job? The latter, which is essentially the process of **integrating** work into something an *employer* can use, represents a significant waste of human capital, and crucial time and cost inefficiencies for business.

Example of how a "workday" might be divided.



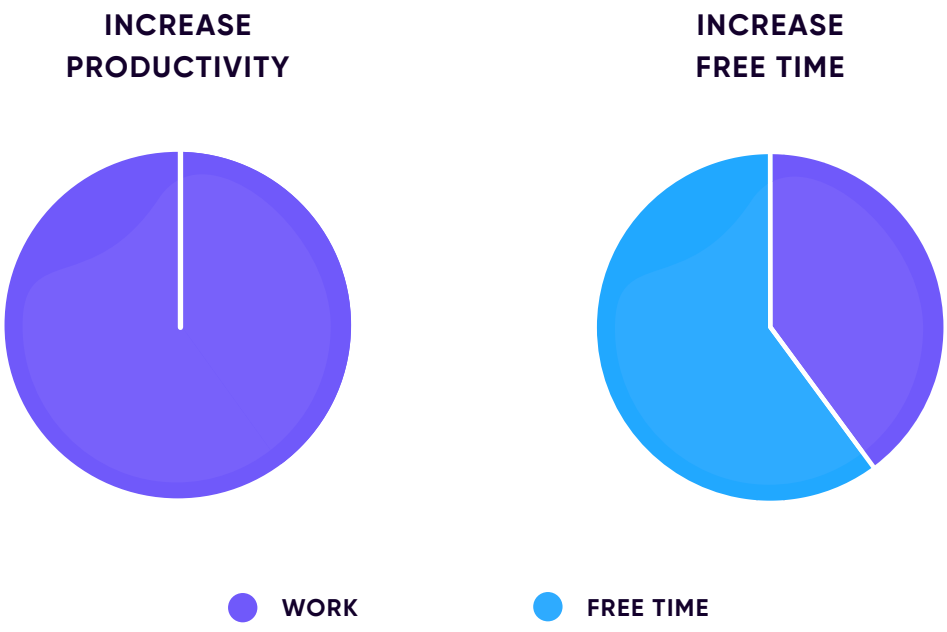
Worker: Wastes time on tasks not directly contributing to earnings
Employer: Not getting the full potential of emplyees

The Problem

03

100% of true value lies in the "**work**" segment, while the rest represents inefficiency. But humans don't output pure data, and our work requires some "**packaging**." Addressing such a pain-point would stimulate either a drastic increase in output (and earnings), or a drastic reduction in workload.

More efficient allocation of "workday" hours.



The Solution

04

One of the reasons that computers are taking over the world is that they require much less integration than humans. Therefore, corporations turn to **AI** to replace humans wherever possible. But, humans still soundly outperform computers at many business functions. We need a way to enable humans and machines to effectively coexist and leverage each other's strengths, and that starts with making human work as easy to integrate as an application.

Introducing **Mentat**, a solution that completely shifts the paradigm.
Rather than *providing* work that must then be integrated, humans *receive* work that extracts only the particular need for their intelligence and skill - just like a computer would.

Mentat is a set of smart contracts that enable applications to source human intelligence on demand. On one end, a decentralized organization of human workers completes tasks in exchange for instant payment. On the other, applications send **queries** and are provided with structured **responses** that can be injected seamlessly into their operations. By initiating a machine-focused process for human focused tasks, **Mentat** augments business efficiency while allowing workers to *fully* monetize their skill.

"Mentat is a **Platform** facilitating the exchange of intelligence between its buyers, or "**Applications**," with its sellers, or "**Agents**."

The Mentat Ecosystem

05

Agents

The basic steps of an agent's task completion cycle.

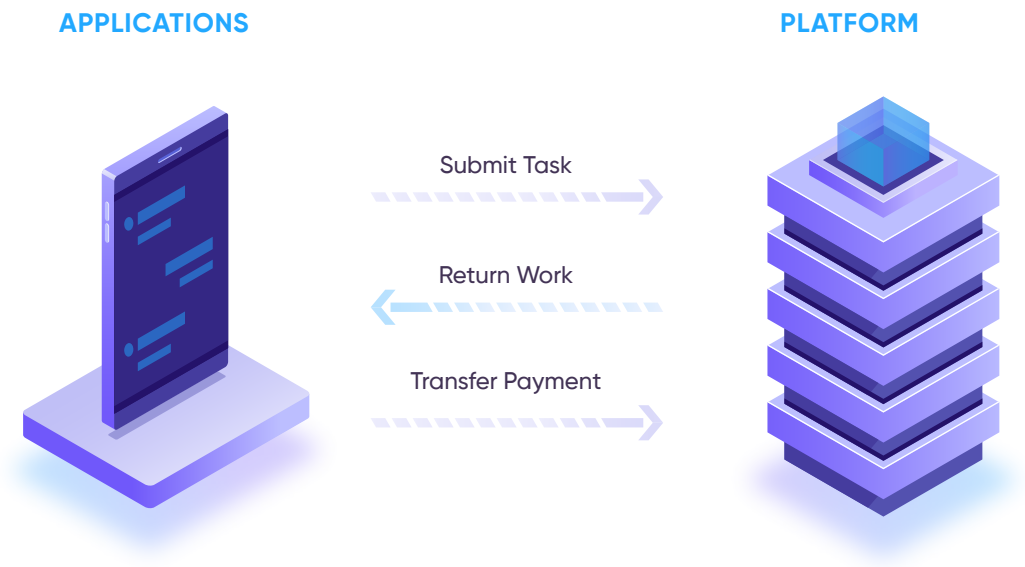
Agents are individuals who contribute their intelligence to the Mentat ecosystem in exchange for payment. These "knowledge-for-money" transactions are executed through the use of an agent client application, which will be associated with each agents' token wallet. Through this wallet address, the Mentat platform will be able to securely track the attributes of a given agent, such as their token balance, associated skills, and completed tasks.

While an agent is online, the platform will route them tasks based on these attributes and Mentat's matching algorithm. These tasks will be completed via the agent client UI and returned to the requesting application, in exchange for immediate payment.

The Mentat Ecosystem

06

Applications



The App's interaction with the platform effectively mirrors the Agent's.

Applications communicating with the **Mentat** platform will send requests via the platform and apply logic based on the agents' responses. To these applications, the platform will act as a decentralized market for human intelligence and skill.

App developers will make critical decisions such as what data to provide to agents, what skills each request should require, and what form of response to accept from agents. We expect these solutions to vary substantially based on the target use for each app.

In exchange for completed requests, applications will submit payment, routed directly to the user, ensuring the lowest pricing possible.

The Mentat Ecosystem

07

Platform

The Mentat platform is the sequence of smart contracts connecting applications with agents. Processes performed by the platform include tracking the market rate for new tasks based on current supply and demand, matching agents with tasks based on skills required by the requesting application, transferring payments, and initiating peer-reviews.

The platform is intended to allow both agents and applications to benefit from the more efficient allocation of human work within the ecosystem. Incentives will be carefully structured to ensure that agents provide fast, high-quality work, and that market rates for new work remain fair.

Tokens

Mentat utilizes a new token, exclusive to the platform, to distribute work. Rather than using these tokens as another means of exchange in an already crowded token economy, these tokens function as a right-to-work within the platform, as well as a credentialing system in our matching algorithm: they provide economic stakes for agent actions and prevent bad-faith work.

Tasks are distributed first to agents with higher token balances, meaning that agents with more tokens will receive more tasks and earn more money. Through a system of peer-review, tokens will be redistributed from unsuccessful agents to successful ones, creating stakes for each task and improving the agent pool over time.

The Mentat Ecosystem

08

Apps may offer services to customers as a subscription, on a per-task cost basis, or may be the end users themselves.

Holding tokens allows an agent to be matched with tasks, and determines priority.

A Simplified View of the Process at Work.

The Mentat Ecosystem

09

Use Cases & Future

Virtually every job involves a combination of value and integration. Utilizing the **Mentat** platform means extracting the value, and handling the remaining integration logic programmatically. It effectively allows creation of **AI**-like solutions for problems **AI** alone cannot solve.

Initially, applications already using **AI** represent the most obvious use case, as these solutions will already include computer-directed integration logic. For example, one can easily imagine a chatbot that queries for **human** help whenever it encounters a prompt it cannot understand.

Examples of AI (or AI-adjacent) fields include:

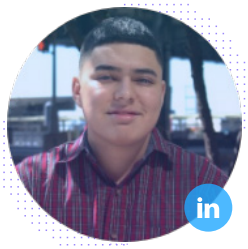
- Customer Service
- On-Demand Q&A (Legal, Medical, etc.)
- Research and Information Requests
- Rankings, Ratings, Recommendations, etc.
- Translation (General, Legal, Medical, Technical, etc.)
- Transcription and Data Input
- Data Mining or Web Scraping

Customer service alone represents approximately **$320B** in annual spend globally (IDC Worldwide Customer Service Applications Software Forecast). A human intelligence-backed support-bot constitutes a clear improvement over the current awkward baton-pass between automated help and the support queue.

This is only the first step. As "plugging" human skill into computer processes becomes better understood and more systemized, the need for highly skilled human workers will inevitably increase. Ultimately, this will eliminate the need for complex organizational structures. Imagine a smart-contract based business entity that can call in human programmers to asynchronously edit its own internal logic as its needs evolve. ***Mentat*** *represents that next evolution of human work.*

The Mentat Team

Mitchell Sapoff
Co-Founder, Operations & Biz Dev



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