

Tinka

Cutting costs, boosting efficiency:
Tinka's strategic move to serverless
cloud technology

In the fast-paced world of FinTech, Tinka faced a significant business challenge. They needed to transfer a crucial part of back-office operations from an older, less efficient system to a new, more cost-effective one. Their IT workload automation software, which was an on premise, legacy task scheduler, had many limitations, including high administrative burdens, lack of direct system access and substantial licensing costs. Tinka aimed to modernize back-office processes, save money and operate more efficiently.

Tinka initially wanted to use Databricks, but it fell short of fulfilling their back office and budget requirements. As Tinka's technology partner, our goal is to help them implement a solution that would best meet their needs. Together we discovered that Tinka could streamline operations and cut costs by building a new, serverless cloud-native system using AWS Step Functions and Lambda.

Overcoming a complex migration challenge

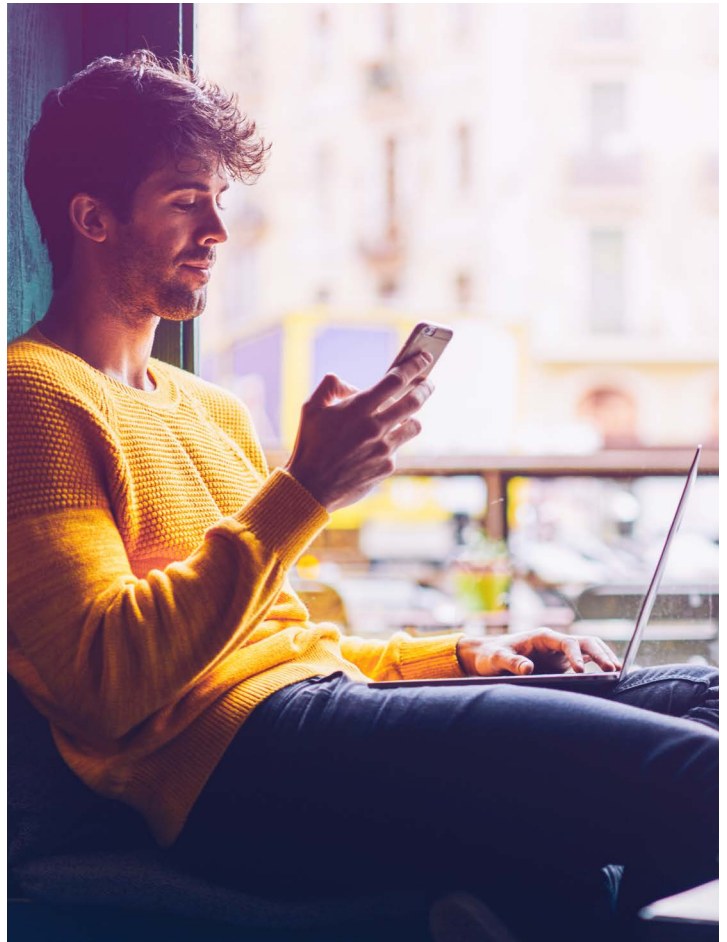
Crucially, Tinka needed to transfer 40 financial maintenance jobs from Dollar Universe to the new system without interrupting core operations. We worked closely with Tinka's internal team to understand their specific needs and tailor our approach accordingly. This collaboration was vital in mitigating risks associated with such a significant system change. After careful planning and execution, we were able to seamlessly migrate all of the back-office jobs to the new system – a remarkable feat that preserved business continuity.



Cutting costs while adding business value

The project simultaneously boosted Tinka's bottom line and operational efficiency. Here's a breakdown of their substantial financial benefits:

- 30% lower operational costs: This was achieved through more efficient resource allocation and the implementation of a cloud-native solution, which streamlined back-office processes.
- 50% decrease in platform costs: Step Function's pay-as-you-go model is half the cost of Dollar Universe's fixed pricing. This shift also allows for more flexible and efficient budgeting.
- 100% elimination of licensing fees: Expensive licensing fees were previously a significant budget item for Tinka.
- 10% additional savings: Detailed usage and cost data provided by the new system has enabled more data-driven decisions that have continued to lower their operational expenses.



Empowering the workforce with advanced digital solutions

Tinka employees benefit from the system's user-friendly interface that enables greater flexibility and accessibility. Tasks that were previously complex and time consuming are now automated and streamlined. The intuitive design makes it easy for workers to begin using the system right away, without additional training.

It also alleviates the heavy administrative burden of the legacy task scheduler system. For example, employees can now retrieve financial files themselves instead of waiting on a technical engineer to intervene. And even non-technical teams can use their domain expertise to improve back-office processes, so they feel more satisfied with the results. Tinka has full ownership of the system, which is scalable and capable of adapting to their evolving needs.

Innovative cloud-native solution for back-office processes

The transition to a serverless, cloud-native solution using AWS Step Functions and Lambda is a major leap forward in Tinka's digital transformation. Their previous system was a complicated, inaccessible puzzle. Now, the business is modernized with cutting-edge cloud technology that provides a competitive edge in their dynamic industry.

Through our collaboration with Tinka, we developed an ideal solution for any business that needs to orchestrate multi-faceted, back-office processes across different domains. We've also demonstrated that, no matter how outdated the system, there's always an opportunity to innovate cost-effectively and without disrupting operations.

"We have benefitted from the resources that are available from Levi9 and the relationship works very well. Sometimes it is difficult to understand where Tinka ends and Levi9 begins because we work so well together that is hard to understand who is internal and who is external. we have a five-year plus relationship with them, and it is not common to have that informal and very close collaboration for so long."

Daniela Alemeida Lourenço, CISO Tinka.

Project keywords::

FinTech

IT workload automation

AWS Lambda

AWS Step Functions

Serverless cloud-native solutions

Integration with AWS Services

Automated task execution

Scalable and flexible infrastructure

Workflow automation

Low-Code

Migration

