



“Meaningful changes to our infrastructure and proactive collaboration, true value.”

Joel Devidal, CEO at MONETRACK

Infrastructure

MONETRACK

Stack

EC2

Beanstalk

CloudFront

Load Balancing

S3

Mongo DB

WE GAVE MONETRACK THE CONFIDENCE TO SCALE THEIR OPERATION.

MONETRACK is a lead Affiliate Base Provider in Japan. They provide advertisers with an effective marketing solution through its Japanese affiliate network and tools, including payment and online marketing solution.

Our client's desired result was to ensure they could securely scale their operation of more than 4 million affiliates links processed a day.

The Problem

A system that was unable to scale securely and effectively could harm their client base.

Our client wasn't happy with its legacy system because of some ongoing issues:

- * Unnecessarily complicated architecture that couldn't be scaled effectively
- * Inconsistency with our client's online security guidelines

Advertisers rely on our client's system to effectively track their ads and track their expenses as well as to affiliates to track their revenues. A system that was unable to scale securely and effectively could harm their client base.

The client was utilising a legacy solution, that despite working correctly for the current need, did not offer scalability, security and was not optimised for the future.

The solution did not offer any flexibility when it came to Disaster Recovery or High Availability. And if the system went down, they would lose revenue and even clients of their own.

The Process

Run their tests without any impact in the production environment

After meeting with the client's team and thorough evaluation, we proposed a phased approach that meets their team schedule to start improving their Infrastructure.

On our first phase, the objective was to establish a Sandbox (Integration) environment for tests with a robust VPC network segmentation to enhance the existing security as well as to give them the ability to run their tests without any impact in the production environment.

We have then replicated the complete production dataset in this new Sandbox environment and ran a set of performance tests to identify which metrics and resources were required to support our client's growth.

Once we established the correct metrics, we wrote a migration plan with minimal downtime so we could move all the resources to the new environment.

The Results

ABILITY TO SCALE 10X MORE WITHOUT EXTRA COST COMPARED TO THEIR LEGACY INFRASTRUCTURE.

With the new Infrastructure in place, our client gained the ability to scale with confidence. Having an infrastructure far more stable, scalable, highly available and secure than they ever had achieved in two previous attempts.

Our cloud initiative in a nutshell achieved the following:

- Much greater scalability and reliability than their Legacy infrastructure.
- Faster DevOps execution
- Increased security and reduced risk and the delivery cycle.
- Greater degree of standardisation