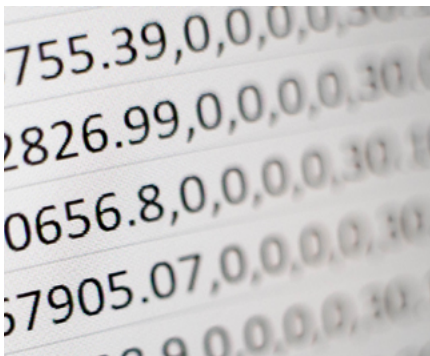




From Serverless To Success

As Europe's largest digital staffing platform, Coople regularly ensures that their service is available quickly and around the clock for all clients. To do this, they decided to move to a Serverless architecture.



COOPLÉ, THE CLOUD & THE CHALLENGE

Coople strives to build the most scalable and fastest solution, to provide full availability for their service platform in the European market.

Working with a lot of data has always been a reality for Coople, so the company knows how to handle data in the most cost effective, agile and future-proof way.

To maximize the benefits of hosting in the Cloud, they decided to experiment with Serverless architecture on a subset of their systems before committing to migrating the whole platform.

Monthly deployments increased by 1,000% (from 10 to 100)!

THE RESULTS:

Time it takes from code conception to production: 30 hours (down from 250)!

SERVERLESS FROM START TO FINISH



ARCHITECTURAL REVIEW

All great re-architecture projects start with an initial review with a senior architect.



UPSKILLING TEAMS

Serverless experts are introduced into Coople's in-house dev teams to upskill and help drive the project.



MIGRATION

More than a simple lift & shift, custom database solutions were deployed as well.



RESULTS

Scalable, cost-efficient, highly performant - the initial results are clear!



MORE SERVERLESS!

The current results have been fantastic, so Coople has introduced Serverless to more of the company's internal teams.

TOTAL TIME: 11 MONTHS

BENEFITS

— **INFRASTRUCTURE MANAGEMENT**

Serverless requires less infrastructure management, giving Coople's teams more time to focus on further innovation.

— **DATA RESPONSIBILITY**

With the model of shared responsibility, many responsibilities are shifted to the data experts at AWS.

— **COST EFFECTIVE**

A pay-per-use model meets Coople's periodic activities. Peak activity is supported, but without high costs at downtimes.

— **CLOUD-NATIVE INNOVATIONS**

A Serverless architecture sets the groundwork for future Cloud projects, such as Machine Learning & automation.

— **A UNIQUE ANSWER TO EVENT SOURCING**

During the migration, it was discovered that the traditional streaming approach for event sourcing was very expensive. Fortunately, with DynamoDB, streams and S3 storage, a much cheaper, streamlined process was achieved.



Serverless architecture further increased the speed at which we can deploy, meaning that our clients can benefit faster from the features we develop. As a user-centric organization, this is our main focus.

Chris Bradford
CTO — Coople



ABOUT COOPLE

Coople is Europe's largest digital staffing platform with over 500,000 registered workers in the UK and Switzerland and more than 20,000 company accounts. Since 2009, the company has quickly become a premier solution for sourcing temporary workers that reliably meet the complex and specific needs of their clients to build the future of work.

Through technological innovation, Coople is transforming the way people work and the way businesses manage their staff. The platform matches workers looking for short- or longer-term jobs with companies that require these workers.

ABOUT PGS SOFTWARE

PGS Software supports customers worldwide with tailor-made IT solutions. They offer expertise and services in cloud computing, design and data science – including business analysis, optical and UX/UI design and quality assurance.



WOULD YOU LIKE TO LEARN MORE ABOUT OUR SERVICES?
CALL US AT +48 71 79 82 692 OR VISIT OUR WEBSITE AT WWW.PGS-SOFT.COM

