

# AWS CLOUD MIGRATION



## StatSocial decreased their spend and increased their innovation speed with Amazon EC2

### The Challenge

StatSocial's systems were hosted in a managed datacenter, with significant cost associated with running their infrastructure. Additionally, StatSocial utilized horizontally scaling databases, Cassandra and Clustrix, which require multiple servers with high performance. Expansion of these databases required a ticket to the managed datacenter, and visibility into overall server metrics was not directly available to StatSocial.

### The Solution

StatSocial migrated their entire infrastructure from their managed datacenter environment to Amazon Web Services (AWS). The company runs their custom built data analytics workloads on EC2, and for extremely performant databases are utilizing EC2 instances with attached NVME volumes for maximum IOPS at a low cost. StatSocial also has direct alarms and dashboards to monitor server performance and be alerted when there are issues within the system.

### The Benefits



#### REDUCED TOTAL COST OF OWNERSHIP (TCO)

StatSocial has **reduced their total cost of ownership by 30%** by migrating to AWS



#### FASTER INNOVATION

When StatSocial wanted to try Scylla Database to replace Cassandra, they were able to start a new cluster within minutes, and **complete tests and migrations in weeks, rather than months.**



#### EXTREME PERFORMANCE

StatSocial is able to **take advantage of millions of IOPS by utilizing horizontally scaling databases on EC2**, with network infrastructure able to handle all traffic to the database.