

# Daytoday got the deployment time and effort reduced significantly to meet everchanging business requirement



## Client Overview

Daytoday is dedicated to creating an unprecedented patient care experience before and after medical procedures. Their mobile app and platform provide turn-by-turn, personalized care content and interactive tools, and live chat with personal care coaches who take care of all patient's needs. Daytoday have operations in the US, India and UK.

## Business Challenge

Daytoday is running 3-tier Java based application backed with Mongo DB atlas. They are having (10k+) client that are using their application for tertiary patient care management. Daytoday was facing multiple issues with their existing DevOps setup, which are listed here:



DayToDay is facing high deployment time in deploying their backend application revision.



Security was major concern for DayToDay as their existing infrastructure was non-compliant



Daytoday was lacking automated infrastructure deletion and used to do it manually

## Business Outcome



Security is enhanced with use of tools like security hub and AWS config.



AWS Config is being used for auditing purpose and AWS Security Hub is used for comprehensive view of security alerts and security posture across their AWS accounts.



Daytoday has achieved significant reduction in down time by implementing necessary configuration changes in deployment cycle



GitHub actions automation for deletion infrastructure, removed manual process of deletion of provisioned infra

## Our Proposed Solution

MIND provided expertise to Daytoday in the identification and selection of different DevOps platform components, which led to enhance their DevOps functionality. The scope of the engagement included the following set of activities:

- MIND has reviewed Daytoday deployment cycle and recommended the **necessary configuration changes** to fine-tune and minimize down time significantly.
- With help of AWS Security Hub findings, MIND has implemented all the recommended security points in order to achieved high CIS Security standard with help of **AWS security hub, AWS Cloudtrail, AWS CloudWatch** and **AWS SNS** services.
- MIND helped DayToDay in deletion on of infra with **terraform** and **GitHub actions** that was not previously done.

## AWS services used



AWS Security hub



AWS CloudTrail



AWS CloudWatch



AWS CodePipeline



AWS CodeBuild



AWS EKS



AWS Config



AWS ELB



AWS KMS

## Third party services used



GitHub

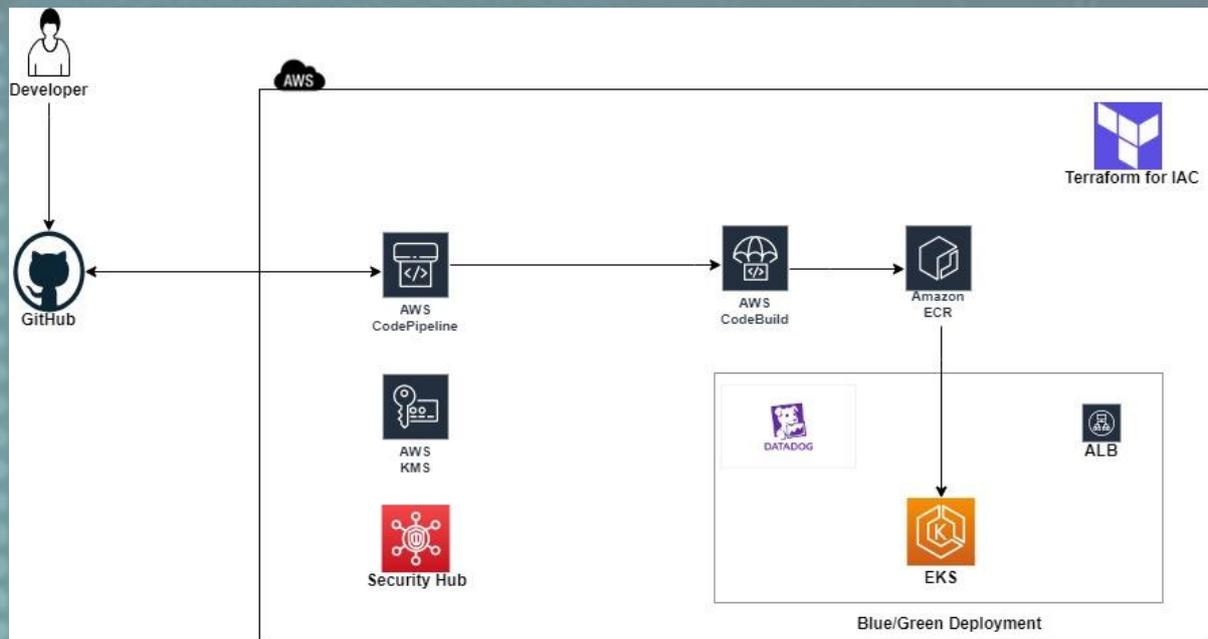


Terraform



DATADOG

## DevOps Architecture Diagram



### Key Benefits Delivered

MIND helped DayToDay improve there over all CIS Security Standard. With the help of this implementation infrastructure security has been strengthen and visibility to changes is also increased. The other key benefits can be counted as below;

- By changing max surge parameter in their deployment manifest file. Daytoday in now able to deploy in 7 minutes which earlier use to take 30 minutes approx.
- DayToDay has deployed their git flow with terraform with help of GitHub action. Like they are creating new set of infrastructures of every feature branch.
- MIND also helped them in achieving automated security auditing with help of AWS config.
- DaytoDay can now have the comprehensive view of security posture and alerts across their AWS accounts with AWS security hub.
- With new deletion template using GitHub action their developer can trigger deletion template and destroy provisioned infra automatically which has removed manual effort in order to achieve a well-defined DevOps process.

### About the Partner

#### MothersonSumi INFotech & Designs Ltd.



MothersonSumi INFotech & Designs Limited (MIND), a SEI CMMI Level 5 IT services company and the IT back bone of Motherson group. MIND is a trusted technology partner to over 200 clients globally. Our value proposition is in our strength in specific Industry segments and years of experience in the areas of intelligent warehousing, Supply chain enablement, software application development, smart ERP customization, infra managed services, cloud, IoT & Analytics. MIND is serving customers in 41+ countries with a strong team of 1500+ professionals.