

# DevOps Team Success through Tech and Culture Alignment



“The team at ThorTech goes the extra mile to understand their client’s business, mission, and team culture – pair that with their intensive technical vetting process and you get quality candidates. That’s what keeps me coming back for every new role we open.”

– Managing Director, Matrix Applications

## Business Challenge

The client needed to improve their efficiency in their software release cycle, reduce critical errors that were occurring in deployments and have more visibility into their infrastructure from a system health prospective. Most of the existing methods for enhancing infrastructure, and deploying updates to their software systems were being done manually and from many different sources. The business was committed to adopting a DevOps model utilizing standards and automation to ensure their goals around optimization of their SDLC would result in bringing features to market faster and in a more reliable way.

## Solution

The solution was to analyze the current software products and analyze the existing software development lifecycle. We met with management, project managers on the software teams and the infrastructure teams to understand how they currently work together and understand how change control, deployments and updates to their environment work. Detailed diagrams and workflows were prepared to ensure alignment across all teams of what the final solutions would accomplish. The end solution was to containerize several of the components and build out an automated continuous integration system. The automated solutions provided audit trails to ensure SOC compliance.



## About Matrix Applications

Our client is a fintech leader in the fixed-income capital markets, offering front-to-back support for firms both big and small. They utilize their industry and technical expertise to deliver simple solutions to complex problems. Our client aims to empower customers to take advantage of an ever-changing landscape by being ahead of industry trends.

## Industry

Financial Services  
FinTech

## Vertical

FinTech/Software –  
Fixed Income Trading

## Industry

Financial Services

## Solution Highlights

- A continuous integration system was put into place to unify and centralize the software assets for the company
- Complex deployments are completely automated to enable reducing time to market for new features.
- The automation freed up key personnel to be able to focus on new features reducing the overall overhead of development
- Tooling: Portainer, Terraform, Jenkins, Docker, Artifactory, Loggly

## About Thortech

ThorTech Solutions, a New York-based software engineering and cloud consulting firm with over 22 years of experience, provides services such as application architecture, DevOps infrastructure, managed services, and staffing to help accelerate business initiatives. Our team focuses on putting ourselves in customers' shoes, delivering business objectives by leveraging the best technologies, and optimizing costs.

To learn more, visit [www.thortech-solutions.com](http://www.thortech-solutions.com) or email us at [sales@thortech-solutions.com](mailto:sales@thortech-solutions.com)

