

DevOps



The Challenge

Faced with faster go-to-market strategies requiring accelerated development cycles, organizations today are implementing a Continuous Integration/Continuous Delivery (CI/CD) pipeline. However, silos are often created in the process as each application is developed by a different team while other teams support and maintain the infrastructure and application. In a CI/CD model, this legacy approach is no longer effective. Organizations need to pursue busting these silos and creating a DevOps approach to address this concern.

The Solution

Fishtech has developed a comprehensive DevOps consultative approach that not only covers the tools and process for implementing a DevOps practice, but also addresses the necessary changes to adopt new toolsets, process, and training for all facets of an IT organization. This includes moving to a containerization approach and security adjustments. This squad-based approach moves away from a specific team being responsible for a particular function. With the new processes in place, it's determined which tools are required in order to support the environment. Lastly, the approach considers what the overall organization chart should look like.

Fishtech provides a phased approach to achieve the desired outcome. During the requirements phase, Fishtech will work with the Client to understand their specific problem statement and develop a list of requirements that must be met. Once this is established, the overall IT organization, from Development to Infrastructure support teams, will be evaluated, including application development, the overall development lifecycle, and toolsets. Fishtech will then work with the Client to develop the DevOps program encompassing organization structure, processes, and technology.

PHASE 1 Customer Success

- Agreement on project scope and timeline

PHASE 2 Define Requirements

- Identify business objectives
- Develop requirements
- Interview key personnel

PHASE 3 Analysis

- Perform detailed analysis of the current toolsets, interview data, and other relevant information
- Review organization processes and identify any processes that will need to be modified and/or created
- Develop detailed recommendations for moving to a CI/CD pipeline

PHASE 4 Organization Structure

- Develop the DevOps structure

PHASE 5 Documentation

- Executive Summary
- Detailed analysis with recommendations
- Processes required
- Toolsets
- Organization structure

