AZURESMART
APP MODERNIZATION USING AZURE SERVICE FABRIC & CONTAINERS

Modernize Traditional .NET Applications using Containers

Do you have existing .NET applications that you are looking to simplify and modernize? Are you looking to reduce cost while being more flexible at the same time? Do you want to easily integrate with value-add, cloud-based services like cognitive and analytics?

Containers can help you bring your existing applications into the modern world. This pilot program is designed to run full .NET applications in Windows containers using Azure Service Fabric, modernize the architecture, and deploy to the cloud.

WHAT YOU GAIN

- Analysis of application readiness for containers
- Pilot for deployment using Service Fabric
- Azure Cost Projections and savings analysis
- Automated Deployment package for deployments in Azure

Assess Existing .NET Applications

We help you identify which applications are fit and can be migrated to Azure

After review of application architecture, usage and criticality, we provide an assessments and recommended strategy
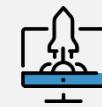
Refactor Using Containers

Take your monolith application and run them in containers with no code changes, and that gets you portability, security and efficiency.

Azure Service Fabric provides a container platform for modernizing your existing applications and running them in the cloud or on-premises.
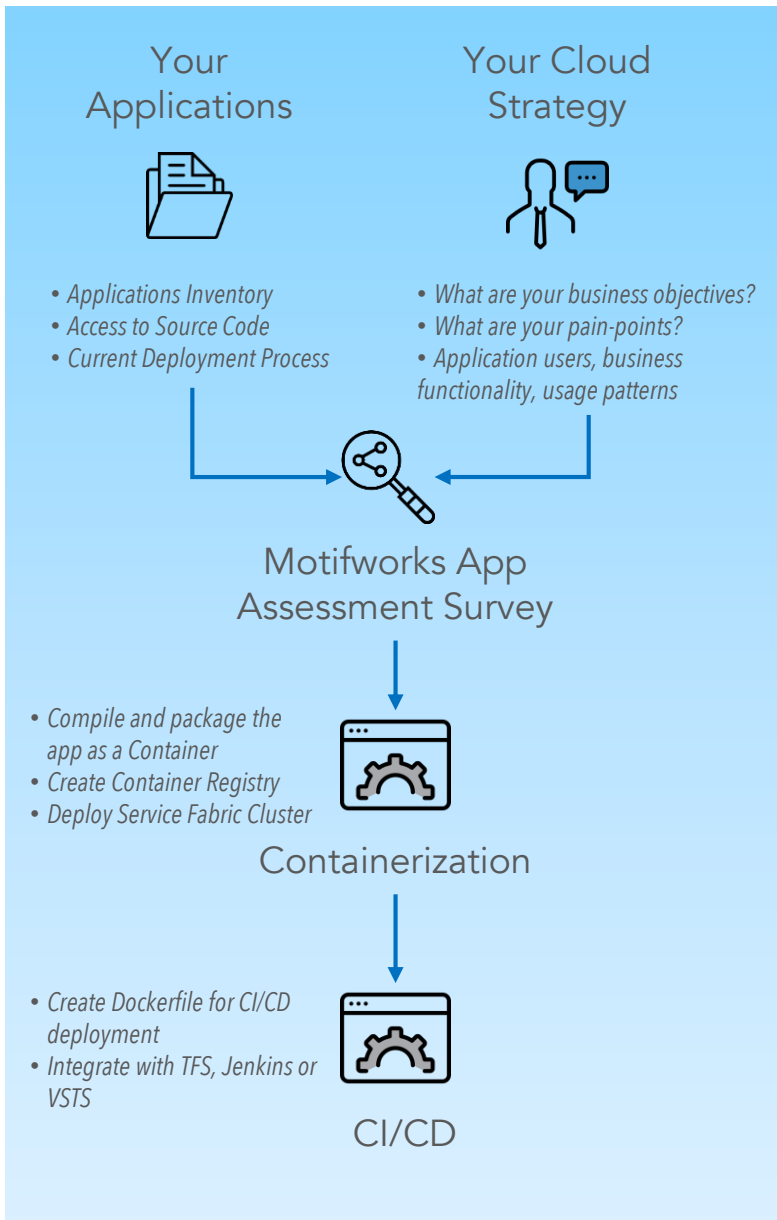
Implement CI/CD in Azure

We will write the Dockerfile to package your application and integrating Containers into your CI/CD process.

The outcome is usually a much cleaner, simpler workflow, which makes it easy to deploy updates automatically.

We have several existing applications that are using traditional .NET Web Forms architecture and we cannot afford to rewrite these for cloud. Using Azure Service Fabric and deploying the applications in Containers, we have gained agility and flexibility. Once we've moved some of the applications to the cloud, evolving them into smaller, nimbler autonomous application components is the next logical step.
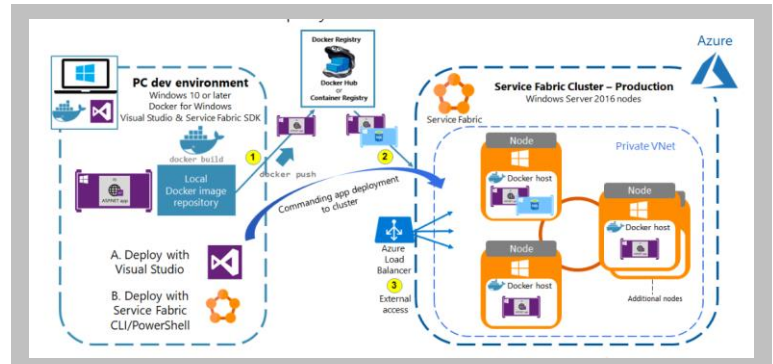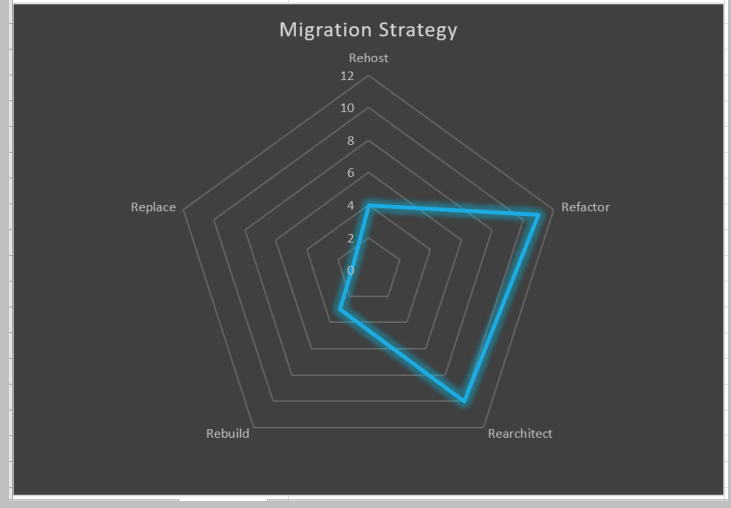
DIRECTOR – BUSINESS APPLICATIONS, LARGE REAL-ESTATE FIRM

HOW IT WORKS

SAMPLE OUTPUT

Your Applications

- Applications Inventory
- Access to Source Code
- Current Deployment Process

Your Cloud Strategy

- What are your business objectives?
- What are your pain-points?
- Application users, business functionality, usage patterns

Motifworks App Assessment Survey

- Compile and package the app as a Container
- Create Container Registry
- Deploy Service Fabric Cluster

Containerization

- Create Dockerfile for CI/CD deployment
- Integrate with TFS, Jenkins or VSTS

CI/CD

Application Name	eRemit
Description	Online Web portal for remitting hours and payment electronically
Line of Business	HR, Finance, Accounting
Innovation Driver	Originally created in 2008, the goal is make it more scalable and elastic. Streamline deployment in cloud
Daily users	250 to 300
Average number of concurrent us	15
Expected traffic	75 Gpbs
Requests per second	15
Amount of Memory needed	2 GB

Migration Strategy

(Radar chart with axes: Rehost, Refactor, Rearchitect, Rebuild, Replace; scale 0 to 12)

AZURE SERVICE FABRIC PILOT

Our promise to you

Container-based app modernization can help modernize your applications without any major code changes and ease the transition to cloud

$15,000 VALUE

2 weeks

You may be eligible to receive funding for this engagement through Microsoft funded programs

ABOUT MOTIFWORKS

Motifworks is an Innovative Application Modernization Company Fueling Digital Transformation. We leverage our World-class Expertise on the Microsoft Stack and Azure Cloud Platform to Deliver Business Value to Our Customers' Technology Initiatives

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