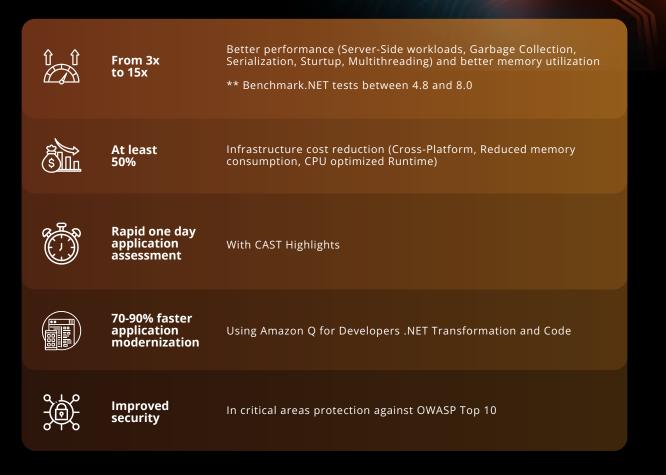# SOFTSERVE'S MICROSOFT MODERNIZATION FRAMEWORK

Modernize your Microsoft workloads in a risk-averse, controlled, streamlined, and standardized way.

Organizations managing large Microsoft workloads often face various challenges, from navigating complex licensing constraints to accelerating their modernization efforts. Traditional approaches can limit business agility and hinder progress, making it difficult to deliver immediate value. Legacy systems and outdated applications further complicate the path to modernization.

The SoftServe Microsoft Modernization Framework addresses these challenges by providing a comprehensive solution and accelerators for the modernization process.

BUSINESS VALUE

	From 3x to 15x	Better performance (Server-Side workloads, Garbage Collection, Serialization, Sturtup, Multithreading) and better memory utilization ** Benchmark.NET tests between 4.8 and 8.0
	At least 50%	Infrastructure cost reduction (Cross-Platform, Reduced memory consumption, CPU optimized Runtime)
	Rapid one day application assessment	With CAST Highlights
	70-90% faster application modernization	Using Amazon Q for Developers .NET Transformation and Code
	Improved security	In critical areas protection against OWASP Top 10

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HOW IT WORKS?

PREREQUISITES	WEEK 1	WEEK 2-3	WEEK 4
• Application selection crtieria met	• Application Portfolio analysis by CAST Highlights	• Analyzing Transformation changes (Code compare)	• Achievement report
• Access to the source code repositories for CAST	• Application pilots selection	• Analyzing Transformation changes (Code compare)	• Modernization business case
• AWS account access on the organizational level	• Amazon Q for Developer Pro rollout	• Upgrading Unsupported packages compare)	• Futher modernization plan
	• Platform deployment	• UI and C# code modification	• Futher modernization plan
	• .NET Transformation process started	• Solution validation	• Result presentation

APPLICATION SELECTION CRITERIA

GOOD	BAD
• Console applications	• ASP.NET Razor Pages Views
• Class libraries	• ASP.NET Web Forms Views
• Web API	• Visual Basic
• Windows Communication Foundation (WCF)	• Non-default IIS configurations
• .NET Framework <= 4.8	• More than 100k lines of code
• .NET Standard	• Private NuGet packages not supporting the target .NET version (for example 8.0)
• XML Config to appSettings.json	• Entity Framework to EF Core
• C# Code in Web Projects	• ASP.NET Model View Controller (MVC) Views
	• Single Page Application (SPA)

WHY SOFTSERVE

aws PARTNER Premier Tier Services

aws PARTNER AWS Generative AI Competency

Amazon Q for Developer .NET Transformation Launch Partner: Our success stories in Microsoft modernizations and launch partnership for Amazon Q for Developer, brings the unique expertise to our clients.

Number of accelerators: Softserve has several accelerators helping the customers with the AWS Cloud and containers adoptions, starting from Landing Zones through modern containers platforms and Platform Engineering through Softserve's Application Modernization Platform (SAMP).