




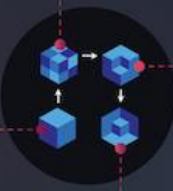


Qualification Questionnaire / Checklist (.NET version)

June 2022

vFunction: AI for Application Modernization

 <p>For Developers and Architects The Users</p>	 <p>Intelligently & Automatically (AI-based) Assess, Analyze, Design, Extract Services</p>	<p>20x Acceleration</p> <p>3x Cost Reduction</p> <p>10x Risk Reduction</p>
 <p>Transform & Modernize Monoliths to Miniservices/Microservices, Continuously Modernize, Remove Dead Code</p>	 <p>Repeatable & Scalable Factory Model, CI/CD Integrated</p>	

The vFunction Platform

Assessment Hub	Modernization Hub			
<p><i>Pre-Refactor</i></p>  <p>89% Technical Debt</p>	 <p>Monolith (Production/Testing)</p>	 <p>vFunction Studio UI (vFunction Server)</p> <ul style="list-style-type: none"> Merge, split services Refine boundaries Remove dead code Assign classes to common library 	 <p>Mini/MicroServices (Dev. Environment)</p>	
<p>Assessment <Static Analysis></p> <p>Output: Tech Debt, ROI Report, App Mod Prioritization</p>	<p>Learning <Dynamic+Static Analysis></p> <p>Output: Dependencies & Reference Services Identification</p>	<p>Analysis + Design <Microservices Design Studio></p> <p>Output: Microservices Design + Service Specification Files</p>	<p>Service Extraction <Automated Extraction></p> <p>Output: Microservices Code, Separate project for each service, Restful APIs</p>	<p>Deploy Services to Cloud</p>



Application Questionnaire

Please review the following information so we can fit the best vFunction installation to your application:

	Item	Yes/No/Information
1.	Identify the monolithic application you want to modernize and transform into microservices:	Name of the Application:
	Name the key business functions of the application:	Information:
	List the pain points leading you to embark on the modernization of this application (check all that apply):	<input type="checkbox"/> Long test and release cycles <input type="checkbox"/> Unable to meet business requirements <input type="checkbox"/> Hard to ramp up developers <input type="checkbox"/> Poor customer/user experience <input type="checkbox"/> Need new UI <input type="checkbox"/> Scalability challenges <input type="checkbox"/> Want to take advantage of modern cloud services (e.g. serverless) <input type="checkbox"/> Other:
	Have you tried to modernize this application in the past?	No <input type="checkbox"/> Yes <input type="checkbox"/> Provide details:
	Do you have an architectural document for the app?	No <input type="checkbox"/> Yes <input type="checkbox"/> Can it be shared?
	Do you have an estimation of time and resources needed to modernize this application <u>without</u> vFunction?	
2.	How many classes does this application have? lines of code (LOC)?	Number of classes (<u>required</u>): Lines of Code (optional):
3.	What .Net version is used?	Information:
	Where do you want to get to after the modernization (versions)?	Information:

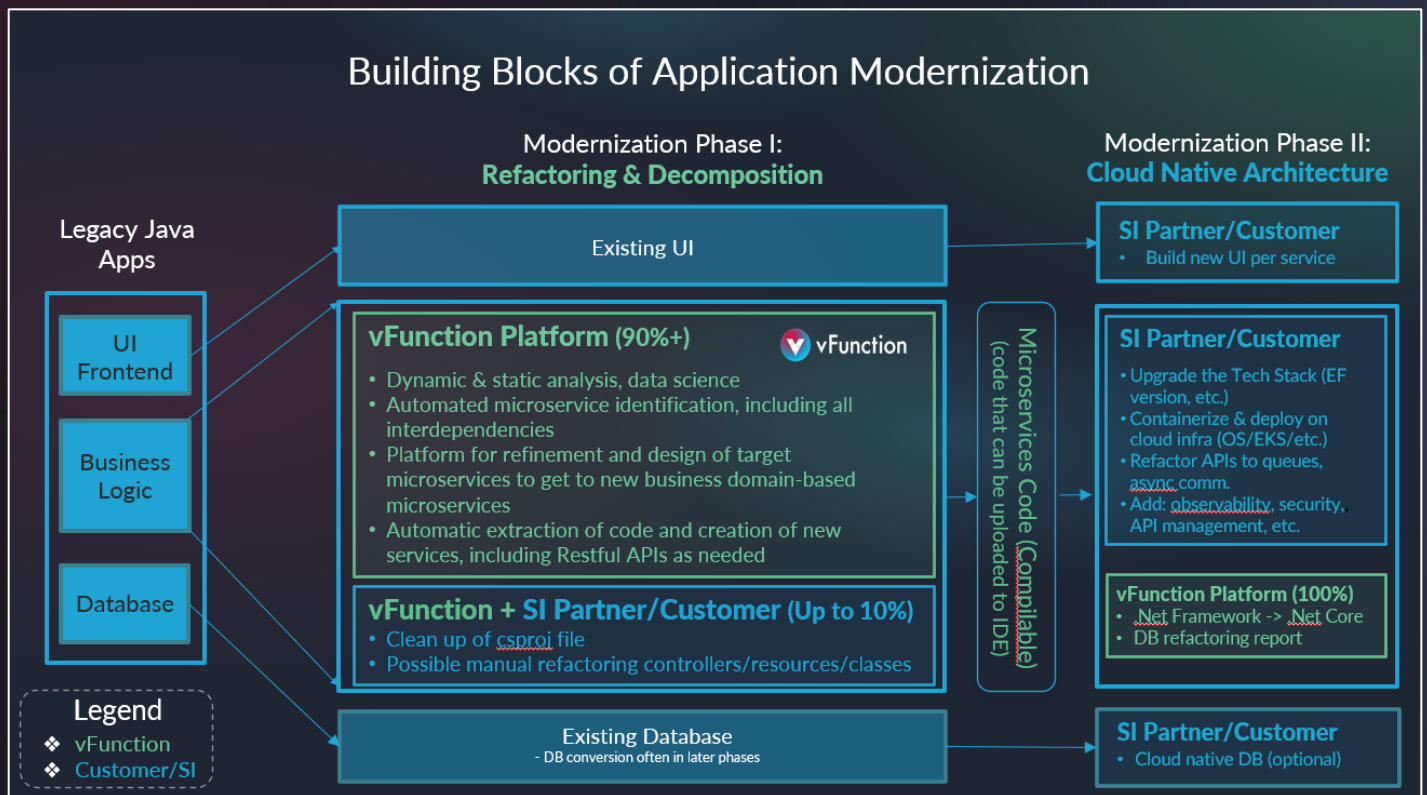


4.	What version of IIS is used, if at all?	Information:
	Where do you want to get to after the modernization (versions)?	Information:
5.	What database is being used?	
	Are you using stored procedures?	<input type="checkbox"/> No <input type="checkbox"/> Somewhat <input type="checkbox"/> A lot
6.	On what operating system and version is the application running on?	
	Is the application using ASP? If so, which version is used in the application?	
7.	What are the main frameworks being used by the application?	
	Which ORM framework is in use (Entity Framework, NHibernate)? Which versions?	
	Are you looking to migrate to a different version after the modernization? To which one?	
8.	<u>For non-production installations:</u> Make sure you have the application installed in a pre-production environment (highly recommended 4GB of memory, and 10GB of free disk space) ?	Yes <input type="checkbox"/> No <input type="checkbox"/>
	<u>For non-production installations:</u> Make sure you have automatic testing ready for the application or manual QA resources that can test the application flows (more coverage the better)	Yes <input type="checkbox"/> No <input type="checkbox"/>
9.	What is your target microservices/functions environment? (Openshift/K8s, Knative, other) which versions?	Information:
10.	With which cloud provider (if any) are you partnering?	Information:
11.	How many services are you looking to decompose this monolith into?	

Once we receive the information for the above items we will be able to send you the correct vFunction agent and server artifacts as well as the licensing key.

POV Scope

vFunction POV covers the installation and initial analysis of the application, with vFunction personnel to assist in this process. The culmination of the POV occurs once services are identified and a refactoring plan is generated. Subsequent phases, post-POV, may include the extraction of services, upgrading, re-platforming, UI and data base refactoring (see chart below):





Role:	
Email:	
Date:	