

Edge Service Enabling Platform

Approved for incubation at [Tuesday August 9th TSC meeting](#).

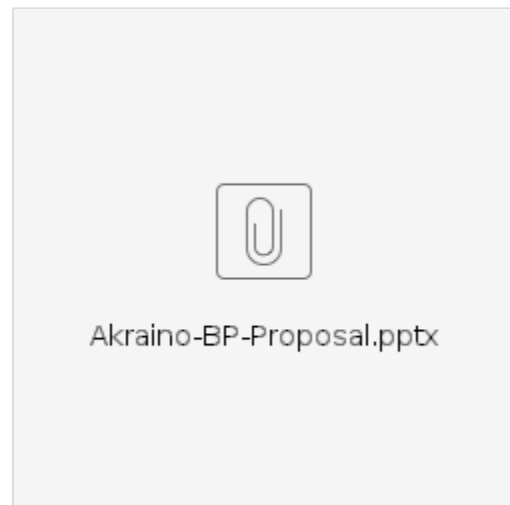
[Weekly Meeting Notes](#)

Project Technical Lead: [Colin Peters](#) elected 15 Nov 2022

Project Committers detail:

Committer	Committer Company	Committer Contact Info	Committer Bio	Committer Picture	Self Nominate for PTL (Y/N)
hatsumi iino	Fujitsu	iino.hatsumi@fujitsu.com			
Toshimichi Fukuda	Fujitsu	t_fukuda@fujitsu.com			
Inoue Reo	Fujitsu	inoue.reo@fujitsu.com			
Fukano Haruhisa	Fujitsu	fukano.haruhisa@fujitsu.com			
Yasushi Kurokawa	Fujitsu	kurokawa.yasu@fujitsu.com			
Yoshiko Tsuji	Fujitsu	tsuji.yoshiko@fujitsu.com			
Colin Peters	Fujitsu	colin.peters@fujitsu.com			Y

Presentation



Use Case Details

Attributes	Description	Informational
Project Contact	Colin Peters (colin.peters@fujitsu.com) Fujitsu Limited	
Type	New	
Industry Sector	Edge Service Enabler	

Business Driver	<p>The blueprint consists of two key business driving resources: the <i>service catalog</i> and the <i>edge service enabling platform</i> .</p> <p>The <i>service catalog</i> captures collective knowledge of device, application, and infrastructure experts, and in addition provides an abstract view of the various edge service components (technologies/resources/services) and the relationships between them. The service catalog enables edge service providers to focus on their strengths and easily design and develop a variety of edge services without having to go into the details of components they are unfamiliar with.</p> <p>The <i>edge service enabling platform</i> provides lifecycle management for the service catalog and builds the edge services described within the service catalog, using services and resources from external infrastructure providers.</p>	
Business Use Cases	<p>Edge Service Design & Creation</p> <ul style="list-style-type: none"> • Device & infrastructure providers benefit from being able to provide their device or infrastructure as a library included in the service catalog, easily customized and plugged in to a variety of edge service designs, expanding the number of users for their products. • Edge service designers can create new service designs or extend existing ones without being required to create ad-hoc solutions for each device or infrastructure component they use. • Edge service users can choose an edge service design that best fits their needs from a variety of available designs, and easily customize it for deployment with minimal knowledge of the complexities of each component in the design. 	
Business Cost – Initial Build Cost Target Objective	<ul style="list-style-type: none"> • Platform deployment cost: The platform will be deployed as cloud native containerized system using zero touch deployment. • API connectivity setup cost: The platform will support zero touch provisioning for API connectivity with external systems (e.g., edge infrastructure service systems, application SDK systems), which makes their services available automatically. 	
Business Cost – Target Operational Objective	<ul style="list-style-type: none"> • Service catalog / library LCM cost: The platform provides a single pane of glass solution for LCM, which saves user's time and expense. • Edge service deployment and test cost: The platform supports zero touch deployment, automated test, monitoring, usage payment capabilities for edge services described in the service catalog. 	
Security Needs	IAM for Platform user, Catalog integrity, Device/Software Supply Chain Security, External Service API security	
Regulations	Depending on type of application handled, GDPR or other regulatory requirements may be applicable.	
Other Restrictions	None	
Additional Details		