

# Capgemini PAS & PKS

## Next Gen Solution for Accelerating CLOUD NATIVE TRANSFORMATION

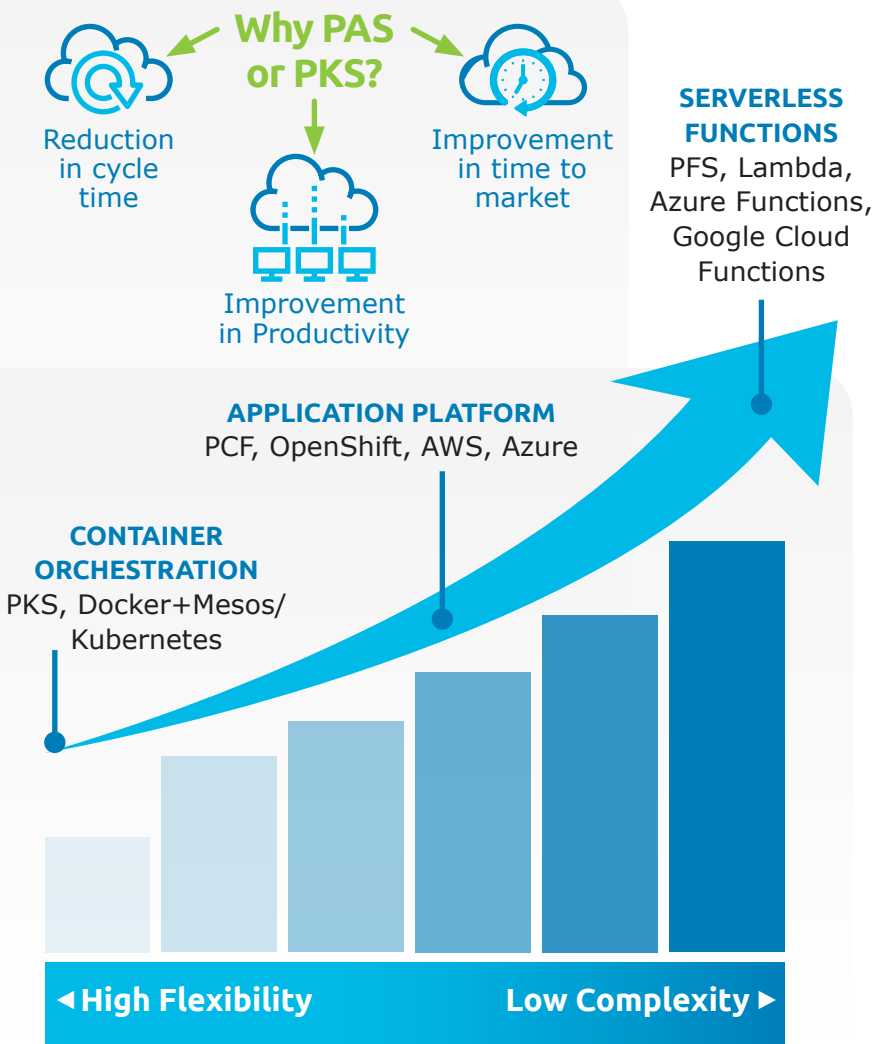
### CHALLENGES

- How to embrace cloud-native architectures for application modernization.
- Determine which applications are suitable for PAS or PKS.
- Provide continuous delivery, horizontal scalability, high availability and efficient Day 2 operations.

### BENEFITS

- Framework for selecting platform and optimizing application distribution and workload.
- Leverage full capability of PAS and PKS for modernizing applications and accelerating digital solutions.
- Industrialized operations for running workloads within PAS and PKS.

## Capgemini PAS & PKS Solution



## Evaluation Scenarios PAS vs PKS

- Legacy applications with faster time to market and integration with existing services
- Cloud Native green-field development with faster time to market. PCF Buildpacks provides support for most of the popularly used languages in enterprises
- Containerization of application for brown field development with need to extensive customization (Service tiles, buildpacks)
- Scheduled Batch Jobs on cloud with workflow. Running FaaS on-prem
- Ease of setting up security, enable HTTPS, firewall standards as per organization standards.
- Ease of development and deployment for various microservices like Java, .NET using 15 factor.

All flavors of tooling are intended to provide customers with a platform to accelerate development, deployment & maintenance by easing infrastructure workload.



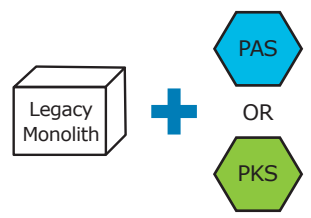
# PAS & PKS

## Capgemini

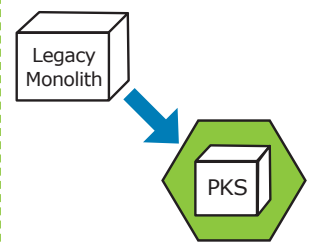
### Next Gen Solution for Accelerating Cloud Native Transformation



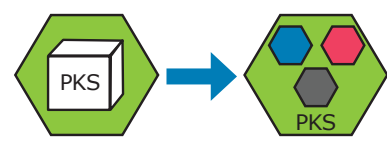
- Keep the existing Cloud Native platform
- Leverage PAS or PKS platform capabilities to build "Greenfield" Cloud Native Solutions
- Refer evaluation guidelines on choosing PAS vs PKS



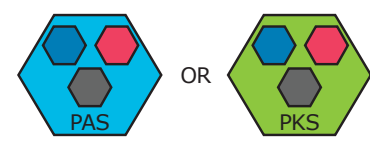
- Port existing legacy Non Cloud Native monolithic apps to PKS
- Example - Legacy J2EE apps



- Refactor the legacy monolithic app into Spring Boot based Cloud Native Microservices app
- Example - Refactor J2EE app to Spring Boot based Microservices



- Transform the enterprise app landscape into Cloud Native architecture by leveraging PAS or PKS
- Refer evaluation guidelines on choosing PAS vs PKS



1

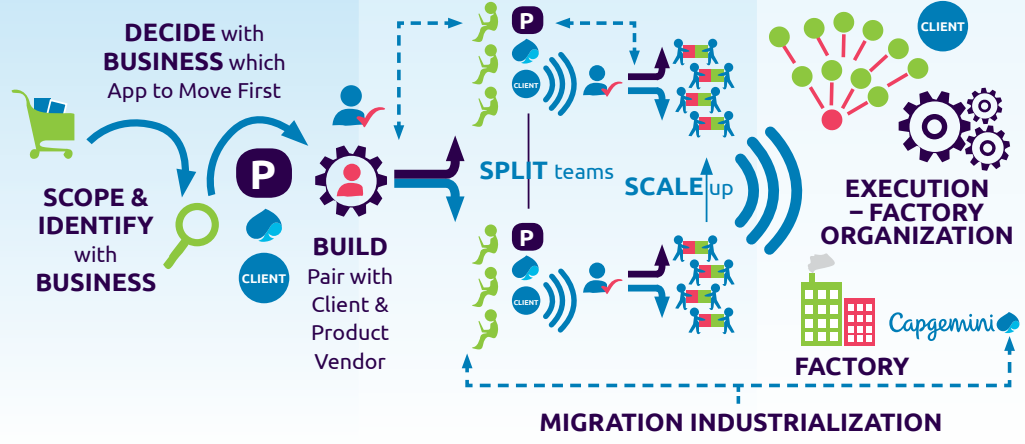
Unified Cap & Client & PaaS Vendor Delivery Path

2

Paired Pilot App Re-platform & Modernization

3

Split & Scale & Factory



### Capgemini Accelerators PAS & PKS Adoption

- Digital Cloud Native Framework
- Sprint as a Service
- DevOps Tool Chains
- Industry Solutions
- Automated Operation Templates

Get ahead.  
Stay ahead.  
Shift to a cloud-first core.

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