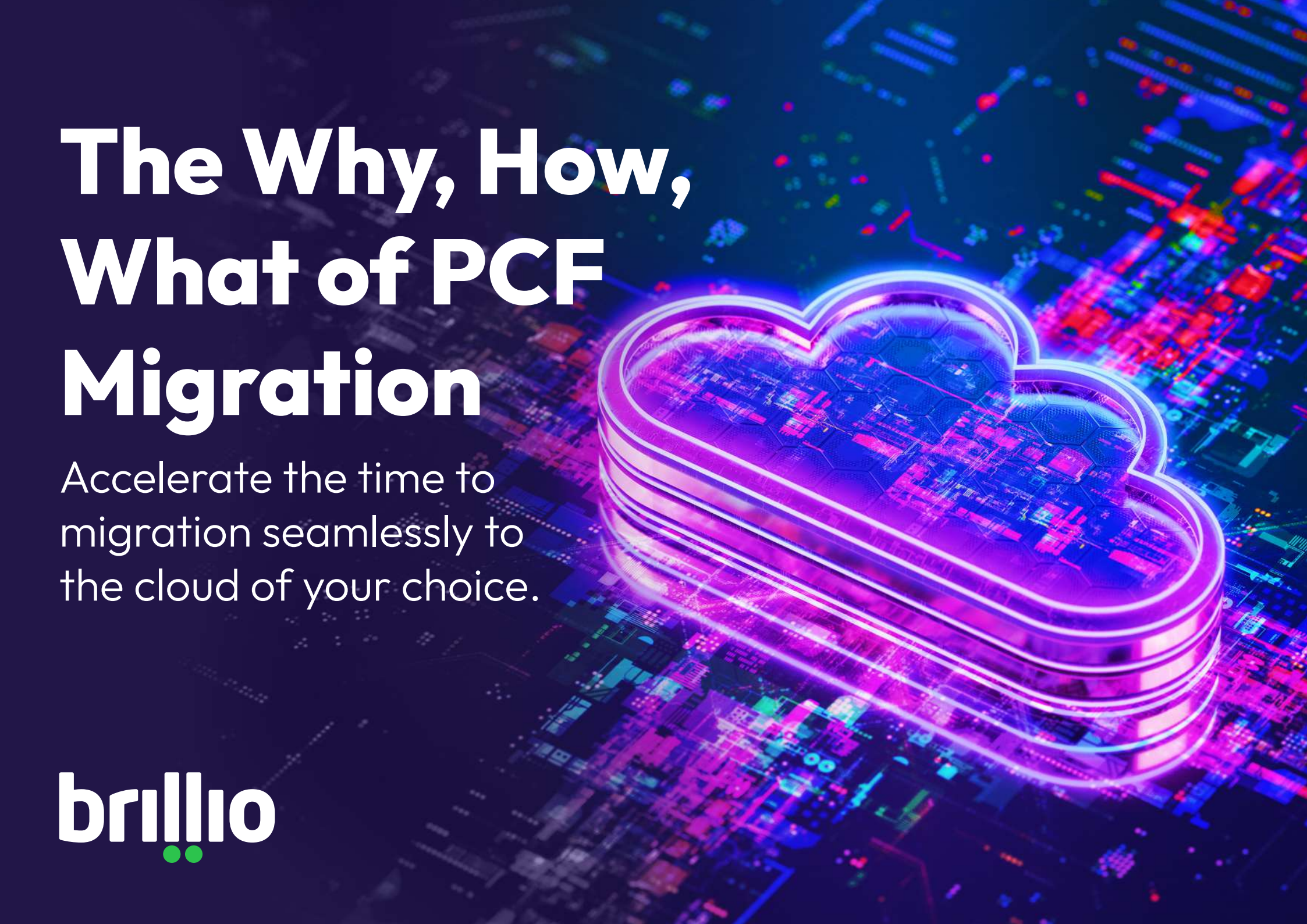
The Why, How, What of PCF Migration

Accelerate the time to migration seamlessly to the cloud of your choice.



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The Why:

Beyond Cost Savings

The decision to embark on a PCF migration is driven by several key factors. Firstly, the lack of product focus has become evident with the shifting ownership from VMware to Pivotal to Broadcom, ultimately leading customers towards Tanzu, which, while promising, is not as mature as desired. Additionally, the high license renewal costs associated with PCF, compounded by unclear future pricing and licensing terms, often increasing expenses significantly and forcing customers into long-term deals, make migration an attractive prospect. Moreover, the imminent support End of Life (EOL) for PCF in mid-2024 brings uncertainty regarding the level of service, pushing organizations to explore migration opportunities. Ultimately, significant cost savings in terms of software renewal costs and operational expenses make PCF migration a compelling option for businesses.

- Product roadmap and upgradation not promising
- Cost of PCF license renewal continues to escalate
- Support for PCF is reaching end of life by mid-2024
- Operating costs are significantly higher

The How:

Approach to PCF Migration

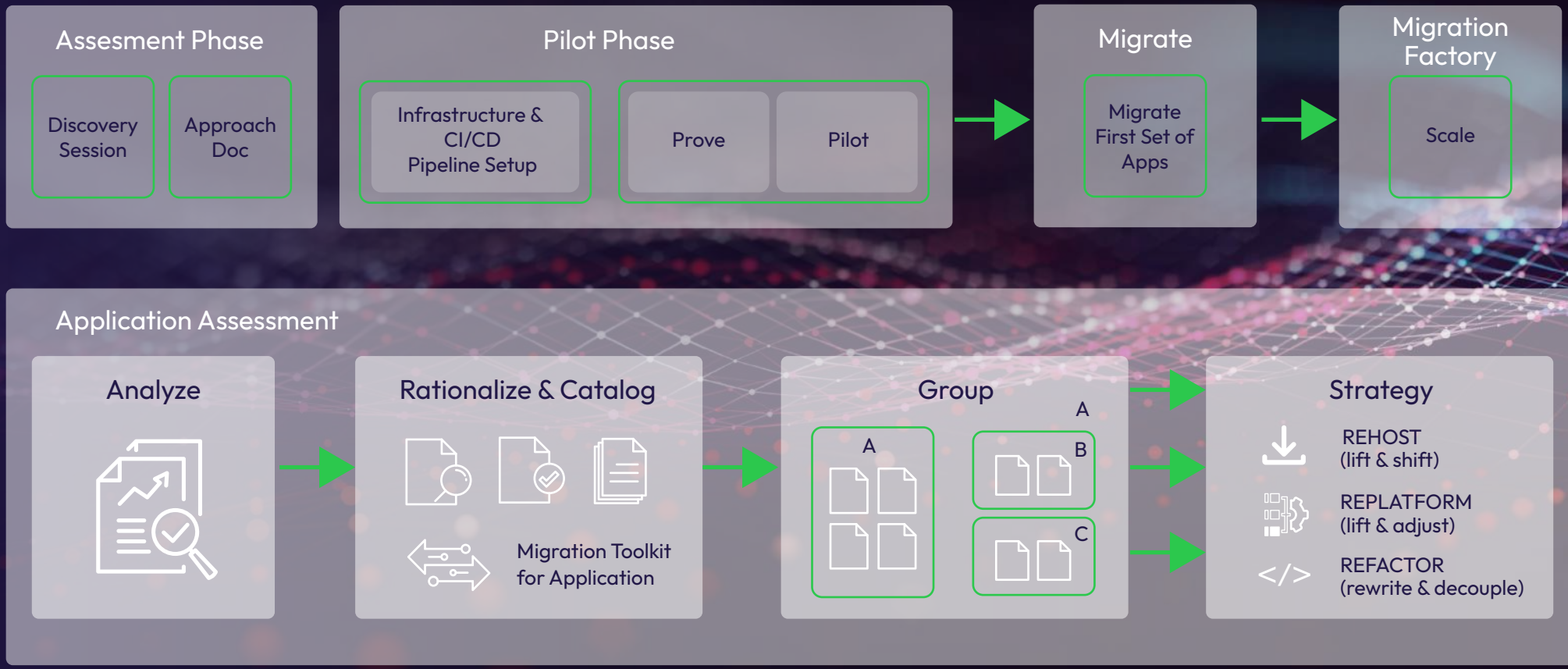
To navigate a successful PCF migration, a systematic approach is essential. Firstly, an infrastructure and platform assessment and implementation phase is crucial to gain visibility into the legacy platform and applications. Identifying and planning for platform gaps and application dependencies is a key step, while mapping functionalities to Kubernetes such as OpenShift, Amazon EKS, Azure AKS or Google GKE, early in the process streamlines the transition. The next step involves analyzing and implementing Continuous Integration/Continuous Deployment (CI/CD) pipelines. This entails validating the accuracy of the existing pipeline processes and adapting pipeline stages to align with standards, including Kubernetes Operators. Automated code migration further streamlines the process by initially refactoring one application manually, producing a code refactoring Run-Book, and then automating the refactoring for the remaining applications.

- Assessment and planning
- Infrastructure and CI/CD pipeline set up
- Code automation and refactoring
- Pilot and testing
- Migration factory for scale

Recommended PCF Migration Approach

Phase 1: Migration Assesment & Planning

Phase 2: Migration Execution



The What:

Business Benefits of PCF Migration

PCF migration brings about multitude of business benefits. The most immediate is cost savings, achieved by avoiding PCF licensing fees, reducing the size of the operations support team, and cutting compute costs on the target platform. This cost efficiency is complemented by enhanced agility and improved application performance, enabling faster time to market. Meeting milestones quicker by expediting development time helps in completing projects ahead of schedule. Furthermore, being future-ready is another advantage, as organizations can leverage the latest cloud-native technologies, such as Istio, ArgoCD, and more, available through the Cloud Native Computing Foundation (CNCF), which were not accessible with PCF. Lastly, the stable roadmap of Kubernetes, with a clear forward-looking product plan and widespread industry adoption, offers a reliable foundation for business growth.

- 20% application performance improvement
- 40% license cost saving
- 30% improved agility and scalability
- 25% less compute cost
- 40% reduction in operations support staff

Brillio:

Your partner-of-choice for PCF Migration

Brillio possesses deep expertise in both the source and target platforms, ensuring a predictable migration process for clients. With a track record of successfully migrating large sets of PCF applications through a factory model utilizing a combination of offshore and onshore resources, Brillio brings valuable experience to the table. Our development of a code scanner accelerator simplifies the identification of dependencies and move group classification. Additionally, Brillio has developed templates like an application tracker and migration guide to expedite migration to various K8 platforms. Moreover, we possess the necessary skillsets and a dedicated pool of resources trained on the Brillio PCF Migration Onboarding Toolkit, ensuring efficient and effective project delivery. Brillio commits to outcome-based contracts with predictable schedules, high quality, and budget-friendly solutions. The Factory Model Migration PODS offered by Brillio further accelerates migration, promotes cost efficiency, and reduces risk.

- Deep expertise in the source and target platforms
- Factory Model Migration PODS
- Dedicated pool of right-skilled talent
- Proprietary code scanner accelerator
- Outcome-based contract

ABOUT BRILLIO

At Brillio, our customers are at the heart of everything we do. We were founded on the philosophy that to be great at something, you need to be unreasonably focused. That's why we are relentless about delivering the technology-enabled solutions our customers need to thrive in today's digital economy. Simply put, we help our customers accelerate what matters to their business by leveraging our expertise in agile engineering to bring human-centric products to market at warp speed. Born in the digital age, we embrace the four superpowers of technology, enabling our customers to not only improve their current performance but to rethink their business in entirely new ways. Headquartered in Silicon Valley, Brillio has exceptional employees worldwide and is trusted by hundreds of Fortune 2000 organizations across the globe.

https://www.brillio.com/
Contact Us: info@brillio.com

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