



A 45-day PCF migration to AWS for a leading luxury automotive company

Accelerated migration analysis, plan, and transition without compromising on cost, efficiency, and security.



Escalating costs called for quick, efficient migration

The client is a leading automotive company known not only for its luxury vehicles but also for offering a comprehensive suite of services, ranging from financing and insurance to rentals and maintenance worldwide. The company was faced with a looming deadline, just one month away from their Pivotal Cloud Foundry (PCF) subscription renewal.

As the renewal date drew near, a pressing challenge surfaced - their existing PCF setup was consuming an enormous amount of compute

capacity, far exceeding the actual requirements of the company's 24 microservices. This inefficiency was both operationally burdensome and fiscally taxing, as PCF proved to be a relatively expensive platform to maintain.

The company made a strategic decision to embrace AWS as their cloud platform of choice. This shift marked a significant transition towards streamlining their operations and ensuring a more cost-effective and resource-efficient future.

The automotive company was hard-pressed for time with a 30-day deadline to move out of PCF.

Fast-tracking PCF migration to AWS with precision

During their impending Pivotal Cloud Foundry (PCF) subscription renewal and a complex transformation journey, the luxury automotive and services company found a steadfast partner in Brillio.

The first step was to address the challenge of a PCF setup that was consuming excessive compute capacity, significantly more than the 24 microservices required. To unravel this complexity, Brillio deployed its proprietary source code scanner, conducting an accelerated migration analysis. With remarkable precision, this tool outlined all the dependencies within their existing PCF environment, shedding light on a path forward. Brillio developed Source to Image scripts

that allowed the client to reuse their existing CI-CD pipelines, saving valuable time and resources.

Brillio crafted a comprehensive migration plan, leaving no stone unturned in addressing the client's unique needs. This plan was executed in a factory model, ensuring efficiency and precision in the migration process. As the company transitioned to AWS, Brillio harnessed the power of AWS Secret Manager to maintain application properties for different environments. This innovation not only bolstered security but also streamlined the management of application configurations.

From an accelerated migration analysis, reuse of CI-CD pipeline to factory model migration to AWS, the collaboration delivered on its objective.



A new era of improved business resiliency and operational efficiency

With Brillio's expertise and experience, the luxury automotive and services giant achieved remarkable outcomes. The entire migration, from the complex challenge to a successful transformation, was completed in a mere 45 days. This not only averted a substantial one-year licensing cost but resulted in savings over USD 500K. Additionally, the transition to AWS brought about a boost in performance, enhancing their business's agility and scalability.

45 day seamless migration

20% improvement in performance

30% better scalability and agility



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.



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