



Wipro modernizes application delivery for the retail industry



About Wipro

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading global information technology, consulting and business process services company. Harnessing the power of cognitive computing, hyper-automation, robotics, cloud, analytics and emerging technologies to Wipro helps their clients adapt to the digital world and make them successful. A company recognized globally for its comprehensive portfolio of services, strong commitment to sustainability and good corporate citizenship, Wipro has over 175,000 dedicated employees serving clients across six continents. Together, they discover ideas and connect the dots to build a better and a bold new future.

The Challenge

Wipro's existing Fortune 500 retail industry customers are looking to modernize their application development processes. These customers operate in a hybrid cloud environment and are faced with challenges created by their legacy infrastructure and processes, such as slow application development cycles and an inability to customize their retail end-customer experiences at scale. Additionally, Wipro's retail industry customers lack visibility into their enterprise systems, which limits operational efficiency.

Wipro is now helping these retail industry customers leverage their existing infrastructure to create an asset management solution that would allow them to utilize containers to better serve their internal end-users. Along with containerization, these retail customers are seeking an agile, end-to-end, DevOps platform with Kubernetes-native services. They also seek a solution that would work with their existing cloud environments running on Amazon Web Services (AWS). As a result of Wipro's strong partnership with SUSE and AWS, Wipro decided to use SUSE Cloud Application Platform on AWS.

The Solution

The announcement of SUSE Cloud Application Platform created a lot of excitement in the industry, because it

was the first time a platform leveraged Kubernetes with Cloud Foundry. Additionally, because SUSE Cloud Application Platform is fully managed, developers can leverage the agility and flexibility of microservices, without needing to manage the complexity of Kubernetes infrastructure and containers on their own.

For their retail industry customers, Wipro built a digital asset management platform that would allow them to gain a single, unified view of their warehouses and assets. By building an extensible framework that can integrate all systems and views, their retail customers gained more granularity into their IT systems and assets.

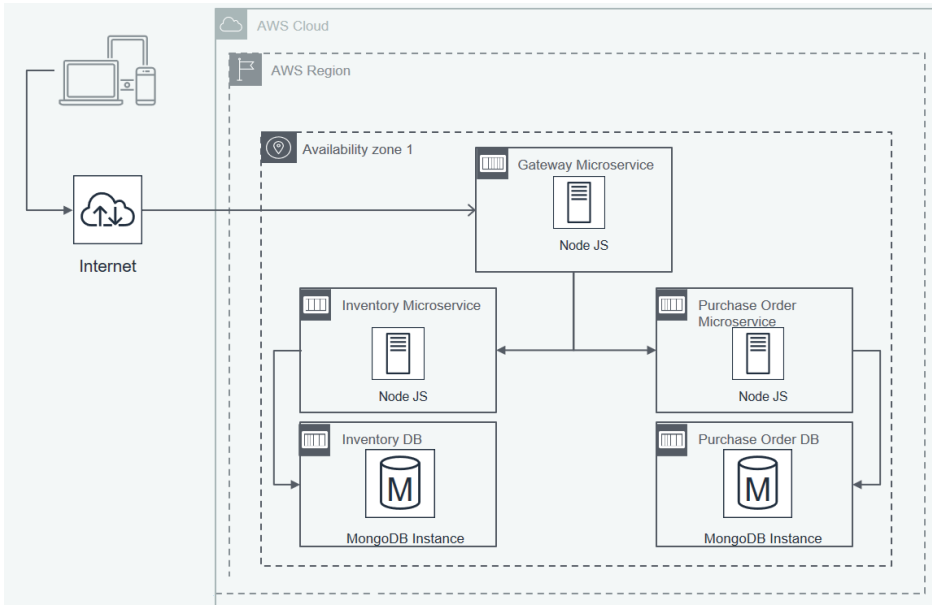
Additionally, customers will now have multiple, customizable dashboards and can track inventory through various sources on one platform. In this context, Wipro offers a decoupled, extensible framework using microservices and the enterprise's existing investments in their inventory management systems, helping reduce total cost of ownership (TCO).

Since retail industry customers are still using legacy architecture in tandem with AWS services, Wipro built an intermediary layer into their frameworks that would break down backend systems and provide them as APIs, so developers can get more customized services and

features. By leveraging SUSE Cloud Application Platform, Wipro delivered this functionality in a more seamless and agile manner, without disrupting their customers' current infrastructure. Wipro was able to reduce the time of application deployment by up to 40 percent.



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Benefits

Wipro can now offer digital transformation services that leverage SUSE Cloud Application Platform, to its customers based on the success of this approach. Its customers will be in a position to realize greater value from their cloud environment when combining scalable, modular, and highly resilient applications leveraging microservices and containers. This allows them to deliver applications faster and with greater customization, without straining any additional IT resources. Wipro will help customers achieve this by leveraging their trusted and long-standing partnership with SUSE and AWS.

The scalability of AWS combined with its breadth and depth of native cloud services make it an attractive solution for enterprises to run critical applications. SUSE Cloud Application Platform complements these benefits by helping enterprises streamline the lifecycle management of traditional and new, cloud-native applications, while reducing IT complexity. Furthermore, SUSE Cloud Application Platform is easy to install and maintain, simple to scale, and extensible with support for hybrid cloud as well.

Wipro found the combination of Amazon Elastic Container Service for Kubernetes (Amazon EKS) and SUSE Cloud

Application Platform to be very enticing and was able to deploy the solution on AWS within a week. Combining AWS and SUSE into its offerings makes Wipro's solutions more scalable, agile, and seamless to operate. As a result, Wipro can help customers reduce costs and achieve faster time to value.

For their retail industry customers, Wipro will be able to reduce their time to deployment by up to 40 percent and increase overall deployments by approximately 30 percent. Additionally, Wipro will be able to accelerate the overall application-release pipeline by up to 40 percent through automation. Using SUSE Cloud Application Platform also helps reduce costs by improving resource utilization-per-service by nearly 30 percent.

In terms of scaling their environment, retail industry customers will be able to integrate additional deployments with minimum effort while experiencing zero downtime for their existing services. They can also scale capacity up and down based on demand. Even with this level of scale, AWS and SUSE Cloud Application Platform allows Wipro's customers to maintain real-time visibility into all of their integrated systems.

