



Mindtree

A Larsen & Toubro Group Company

Azure PaaS and DevOps implementation for hosting of applications



The Client

An American multinational consumer goods corporation

Challenges

- With over 120+ brands globally, brand marketing sites (600+) were implemented using Sitecore based digital marketing platform
- ~100 Legacy Applications managed by 20+ vendors with no standard CI/CD processes
- The marketing platform was hosted on Virtual Private Data Center and across geographies
- Huge operational expenditure
- Billing and chargeback to respective brands
- Longer SLAs

Solutions

- A PaaS first approach for better operational efficiency
- Did PoC for Sitecore on Azure PaaS and gave recommendations based on capabilities and limitations of the platform
- B2C applications in Java and PHP are dockerized and deployed on Azure Kubernetes Service (AKS) and Azure App services using Azure DevOps. Recommended Azure App services for legacy .Net applications.
- Leveraged Cloud-native solutions for infrastructure monitoring and backup
- Implemented DevOps and standardized the process across vendors
- Automated build and maintenance of base docker images to support different application frameworks and versions
- DevOps for infrastructure provisioning and building hardened base docker images

Benefits

- Leaner team for CloudOps and Standard templates and hardened images for infrastructure provisioning
- Unified DevOps platform and processes across vendors and projects
- Application portability through Containerization and Centralized log analytics
- Increased agility in Infrastructure provisioning and related activities
- Reduced TCO through:
 - Optimized Infrastructure – scale up/down based on demand
 - Reduced Operation cost – by leveraging Azure PaaS wherever feasible

Mindtree [NSE: MINDTREE] is a global technology consulting and services company, helping enterprises marry scale with agility to achieve competitive advantage. "Born digital," in 1999 and now a Larsen & Toubro Group Company, Mindtree applies its deep domain knowledge to 350+ enterprise client engagements to break down silos, make sense of digital complexity and bring new initiatives to market faster. We enable IT to move at the speed of business, leveraging emerging technologies and the efficiencies of Continuous Delivery to spur business innovation. Operating in 18 countries and over 40 offices across the world, we're consistently regarded as one of the best places to work, embodied every day by our winning culture made up of over 21,000 entrepreneurial, collaborative and dedicated "Mindtree Minds."