



Financial Services Company Improves efficiency and reduces cost Through DevOps Automation.

About Our Client



Client is a leading provider of the invoice-getting, software-connecting, automatic-reminding, all-in-one cloud-based accounts receivable solution that makes it easy to track invoices and get paid faster.

Client helps companies around the globe with their service platform (SaaS) automate normal workflow procedures, and support for popular payment tools like AccountingSuite and QuickBooks as well as emerging ones like Apple pay.

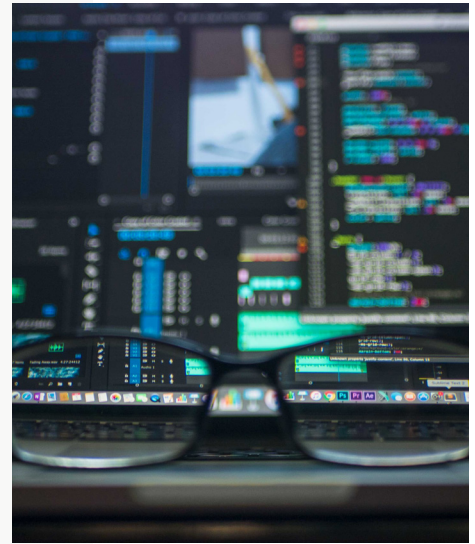
Business Need

Client needed their cloud-based platform for their business to develop new features, support 3rd party payments integration and automation of their build execution.

Their approach to technology, innovation and development allows them to implement new features rapidly and evolve constantly to meet the ever-increasing and growing needs of SME customers. Their Platform leverages Microsoft's stack of Platform-as-a-Service (PaaS) cloud offering, and Microsoft Azure technologies using MS Dot Net Core Development environment.

Associated Challenges:

- Existing system was not responsive
- Manual package deployments required on Azure resources every time when the build is pushed to different environments
- Build execution was taking much longer time than expected
- One of the critical service applications was crashing in production environment, which was responsible to run the site properly



Business Solution



Mentis successfully provided development, enhancement, performance optimization and sustenance of an upgraded version of the customer's platform and achieved the following business benefits detailed below.

- Reduced the build time from hours to minutes only by root cause analysis where build server was exhausting, optimized the build for faster execution re-modifying all the steps and removed deprecated build steps from the execution plan
- Implemented agents-based deployment as the resolution as client was using Azure's older resources for this service
- Added steps into build execution to prepare the artifacts for new service in CI steps to deploy new artifacts to server automatically
- Developed automated scripts in resolution of the issue after analyzing the service and its requirement to the application

Business Benefits



Stability, performance & easier maintainable system to enhance overall productivity by 60%



Increasing production SLA to 99.9%



Reduced operational costs by 40% by saving number of agents, decreasing build time from 2.5 hours to 25 minutes, faster release deployment and automating the entire system



Highly secure and compliant cloud infrastructure



Leveraged Azure best-in-class security using OAuth2 security for secure authentication