CASE STUDY

Leveraging cloud infrastructure & automation to modernize the software factory and reduce operating costs at a Fortune 100 Aerospace Contractor

The Challenge

For a Fortune 100 aerospace and defense contractor, their challenge was to make the first step in developing an enterprise software factory. Their vision was to leverage modern DevSecOps practices and tools to enable engineers to execute end-to-end automation.

The Goals

Their goals were to simplify deployment of apps and infrastructure across all SDLC stages; plan, build, test, release, operate, and manage the software delivered to customers, efficiently, securely, and at scale.

Outcomes

- Migrated applications from On-Premise to Cloud Infrastructure improving system availability at 99.9%
- Improved application performance and quality resulting in reduced help desk ticket volume for application support by 80%
- Eliminated printing expenses
- Improved operating efficiency by 42% for federally mandated aviation certification testing

The Approach

Motion Consulting focused on modernizing the application infrastructure by migrating the database infrastructure to a cloud infrastructure (Azure) while also integrating an existing authorization application into Okta. Motion worked closely with our client, to modernize and automate manual back-office processes.

Conclusion

By migrating their database infrastructure to the cloud, our client achieved a significant improvement in system availability, while also enhancing performance and quality.

If your organization faces similar challenges, let's connect to explore tailored solutions that meet your specific needs.