



DevOps Implementation

A leading Manufacturer in Electronics Test and Measurement Equipment and Software.

The client was using the Salesforce platform to build API & UI components for the dCX application to configure and manage the physical devices. The client was looking to improve efficiency and enhance product quality by adopting DevOps practices.

90% Reduced Build Issues
70% Reduced Deployment Time

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CHALLENGE

- Single source of truth for change management
- Migration of source from outdated format to latest Salesforce recommended format
- Multiple modules with inter-dependencies. Incompatible code check-ins hampering the productivity of distributed teams
- CI/CD implementation for Salesforce was not straight-forward
- Package management had a single point of failure
- Deployment was manual and management over multiple environments was time-consuming

SOLUTION

Single source of truth	CI/CD Implementation	Support & Manage
<ul style="list-style-type: none">■ Migrated code to sfdx format■ Efficient package management with enhanced branching strategies & policies	<ul style="list-style-type: none">■ Implementation of CI/CD pipelines for all Salesforce environments■ Integration with code scanning tools■ Development of automation scripts	<ul style="list-style-type: none">■ Release & deployment support for multiple tracks in various environments■ Manage environments' syncing & product deployments■ Maintenance of scripts for CI/CD

RESULTS

- Ease of deployment resulted in reduced manual errors & increased productivity
- Achieved build and deployment automation for multiple releases in a day to QA/UAT environments
- Implementation of master-clone strategy to synchronize all Dev sandboxes with QA
- Early detection of defects through continuous testing
- No wait time for the build