

A Global Medical Device Company Streamlines Salesforce DevSecOps with AutoRABIT ARM + CodeScan

Case Study Summary

AutoRABIT has helped this client move from making changes directly in production to true DevSecOps on the Salesforce platform.

Company Overview

Our client is a global company that designs and produces restorative treatment devices. The company has grown over the last two decades to become a leader in the industry and has helped about 13.4 million patients straighten their teeth while continuing to work toward new technology and practices to help their customers.

The Challenge

The client's developers originally made changes directly in production. Initial deployments were all done by using changesets. Change was slow, convoluted, and error prone.



NO VERSION CONTROL

Mistakes are bound to happen. Our client didn't have the ability to revert to previous versions of an update once an error or necessary change was identified.



STEADILY GROWING DEV TEAM

The client has seen massive growth over the last decade. This has led to an increase in team members spread across the entire globe. Managing the efforts of a large development team proved difficult.



INCREASED RELEASE SCHEDULE

This increase in size also led to a need for more frequent releases. Manual processes and a lack of accountability impeded this progress.



MULTIPLE DISCONNECTED ORGS

Large dev groups required multiple Salesforce environments which weren't properly interconnected, creating confusion and difficulty working across teams.

AutoRABIT's Solutions

AutoRABIT's Automated Release Management (ARM) and CodeScan solutions increased testing capabilities while reducing manual processes.



AUTOMATED DEPLOYMENTS

AutoRABIT's CI/CD solutions greatly increased the efficiency of the client's release processes. This reduction in manual processes has increased their release velocity and quality.

</> CODE HEALTH SCANS

Our client utilizes the CodeScan static code analysis solution to ensure their applications and updates are comprised of consistently high-quality code.



UTILIZATION OF VERSION CONTROL

The version control capabilities of AutoRABIT ARM have enabled the client to keep better track of their progress, increase accountability, and address any needed changes.



DIRECT TESTING OF NEW MODIFICATIONS

CodeScan has helped the client focus their testing efforts on recent updates, streamlining their processes while also ensuring total coverage and consistent quality levels.



DATA/METADATA MIGRATION

The ability to move data along with associated metadata greatly reduced the manual processes faced by the organization's developers. The integrity of these relationships is maintained while reducing the workload of individual contributors.

A Global Medical Device Company Streamlines Salesforce DevSecOps with AutoRABIT ARM + CodeScan

The Results

An influx of automated solutions enabled the client's continuously growing team to align their efforts and streamline their Salesforce development pipeline.



DRASTIC REDUCTION IN ERRORS

Automated testing alerts team members to errors so nothing slips through to a live environment, improving overall quality while also increasing data security.



NO DUPLICATE WORK

Increasing testing automation has led to a reduction in redundant work for team members. Parsing through completed work to fix errors is incredibly time consuming and ultimately expensive.



INCREASED RELEASE CAPABILITIES

Our client has been able to increase their release schedule to address their various needs—instituting daily, bi-weekly, and targeted project releases.



TEAM EFFORT ALIGNMENT

Multiple teams across a variety of geographic locations are able to remain on the same page through the use of tools like version control and other integrations that streamline efforts.



DECREASED COMPLEXITY

The client has been able to greatly reduce the manual processes that increase the risk of errors and drain team member time. Expanded automation has simplified the release processes and enabled them to produce high quality, reliable updates and applications.