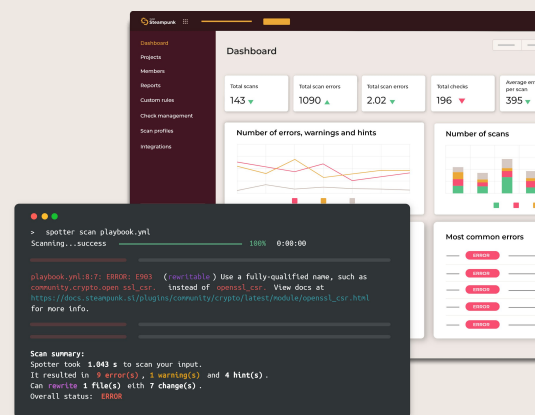## XLAB Steampunk

Streamlining Ansible Playbook Migration and Upgrade for One of the Top Global FSIs
with Steampunk Spotter

8x faster
migration

9 years
of work saved

413%
ROI

A Fortune 100 global financial services institution wanted to streamline the migration of its Ansible Playbooks from the legacy Ansible-based automation platform to the Red Hat Ansible Automation Platform (AAP) 2.4, while also upgrading from Ansible 2.9 to 2.15. **The goal was to deliver fully AAP-compliant and upgraded playbooks within 3 months, while reducing operational complexity, time, and overall cost**. By leveraging an automated approach with Steampunk Spotter, the bank saved the equivalent of nine full years of manual effort and achieved a remarkable 413% ROI.

Challenge

The bank had to migrate thousands of Ansible Playbooks from legacy platform to AAP 2.4 and ensure compatibility with Ansible 2.15. These playbooks were created over the course of nearly a decade and followed different patterns as Ansible evolved over time. As teams were spread around the globe, they also developed their own common practices, which resulted in the Ansible Playbooks being inconsistent. Fixing these issues manually would have required years of engineering effort for the bank, a number of highly skilled Ansible experts to understand the changes required, and would have been a major obstacle to modernization, automation scaling, and operational efficiency.

Solution

Using Steampunk Spotter's automated scanning capabilities, combined with the experience of highly skilled Steampunk Ansible experts, the bank was able to quickly identify over 132,000 errors and necessary changes in their Ansible Playbooks. These ranged from outdated syntax and the use of deprecated Ansible content to behavioral changes in Ansible modules. Spotter's rewrite feature automatically resolved 128,000 of these errors—in seconds, with no manual input required. Spotter's customization features, such as custom policies and supply chain management, enable automatic resolution and improved guidance for manual fixes of the remaining errors.

Results

By automating around 80% of the fixes alone, the client not only achieved its migration goals **eight times faster** with Spotter than with an in-house solution, but also realized an immediate and significant return on investment, proving the power of automation in large-scale infrastructure projects. **Spotter automation has saved around 17,000 hours of manual work. This efficiency gain translates into a remarkable return on investment of 413%.**

Learn more about Steampunk Spotter.
steampunk.si/spotter