



Accelerating Medical Software Compliance and Efficiency with SPK ACEs

Compliance with [regulatory standards](#) is the number one priority for every [medical manufacturer](#). Ensuring pipelines are secure and compliant doesn't just ensure safety, but it results in better quality products. When a startup medical manufacturing company contacted SPK regarding risk mitigation within their software pipelines, we knew how to aid them in their compliance journey.

“After successfully implementing SonarQube Cloud, our business felt confident in SPK’s expertise. We utilize their managed services to ensure our pipelines continuously stay secure and compliant

*Business Leader
Medical Manufacturing Company*

RESULTS

Implementing SonarQube Cloud helped the medical manufacturing company ensure compliance with many standards, including [Section 5.5.2 of IEC 62304](#) which requires a software unit verification process. In addition to this, using SonarQube Cloud helps them catch bugs early in the pipeline, preventing costly mistakes later down the line. Furthermore, SPK helped this company enhance its code maintainability and identify security vulnerabilities more easily. This results in higher-quality code and improved production.

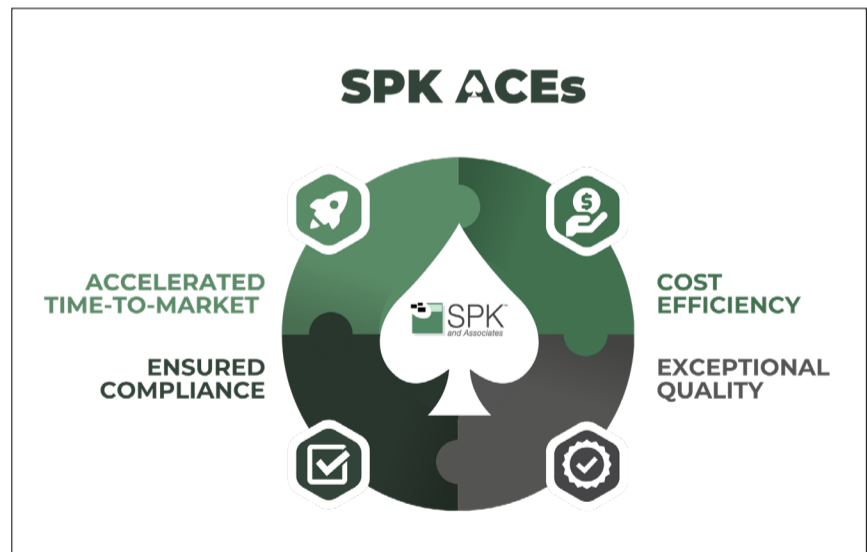
If this type of implementation seems like it would benefit a business in your network, check out our [referral program!](#)

CHALLENGE

A company specializing in medical technology manufacturing reached out to SPK after determining they needed a new test solution that fit their business needs. This test solution had to provide support for their current [Bitbucket Pipeline](#). It not only had to ensure compliance with medical standards, but it also needed to help them achieve better quality code for their products.

SOLUTION

Given this use case, SPK decided the best solution for this company was SonarQube Cloud. [SonarQube Cloud](#) is a cloud-based code analysis tool that aids in detecting bugs and improving security across the pipeline. This implementation included the installation and configuration of SonarQube Cloud as well as the execution of Bitbucket Pipeline with the new solution. Our experts also offered continuous support to evaluate how the implementation was working for the company. Overall, this implementation took a little over two months.



4 HOURS PER MONTH OF DEVOPS APPLICATION MANAGEMENT



800% IMPROVEMENT IN DEPLOYMENT FREQUENCY



40 HOURS SAVED IN CODE MAINTENANCE