



The best use of Checkmarx is within our CI/CD pipeline - We use the Checkmarx Jenkins plug-in. In Jenkins we build out the code and deploy it. The code is then scanned whenever a build is created.

— Timothy De Block, Manager of Security Engineering at Premise Health

Dev, Sec, Ops and AST

At Premise Health, security is a top priority. It's not just a compliance requirement, but also regarded as an enabler for success from the top down.

Premise Health practices agile software development and strives to ensure that nothing gets in the way of fast releases. They run a CI/CD pipeline and have fast release cycles. Their security platforms need to seamlessly integrate into their development lifecycle.

For this reason, it's critical for the company to deploy a security platform that doesn't create road blocks for the development teams. This is where Checkmarx comes in.

Why Checkmarx?

Premise Health uses Checkmarx to find and fix vulnerabilities as early as possible in the software development lifecycle because the later you catch them, the more expensive they become. Checkmarx also helped Premise Health to become more effective. "It allowed me to go focus on other projects. To further enhance our security and move into more areas," said De Block.

Checkmarx's language support and its ability to keep up with new releases proved helpful, as did its code walk-through, which provides examples of how to fix or prevent vulnerabilities while you code. Plus, Checkmarx solutions are easy to use, with a friendly and simple interface.

TIP

Work within the developer tools. If they are agile, work agile. Scan and test smaller pieces of code that don't take days.

Using Checkmarx

DEV - By using Checkmarx, Premise Health provides its developers the tools they need to go and test their own code within their development environment, before it gets to QA or security. Developers learn the difference between a false positive and an issue that needs to be fixed. The Checkmarx visual studio plug-in is also used at Premise Health. Developers can search for vulnerabilities within their IDE, which significantly streamlines the process.

SEC - “Security helps developers and development managers to ensure quality code goes into the process and the applications. One of the phrases I go by is: Quality code is secure code.” - Timothy De Block

OPS - Checkmarx automates security testing and notifies the security team once scans are completed, saving them having to manually check scan status.

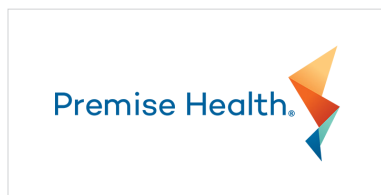
“I would absolutely recommend Checkmarx. Even on the server side you can adjust queries so that you can customize it to better work for you,” says De Block.

Important take-away: Invest in Your Dev-Sec Relationship

Dev-Sec success depends on great relationships between the teams.

“I spent time understanding the development process, understanding the developers’ goals, frustrations, accomplishments and really trying to understand them. Then my goal was trying to figure out how security fits in. Get to know the teams and become part of the team, go to daily stand ups and use the tools the developers use.” -Timothy De Block

About the Company



Premise Health is the leading direct healthcare company pioneering new models to deliver powerfully effortless healthcare. With more than 50 years of experience, Premise Health delivers unmatched quality, access and value through more than 600 wellness centers in 44 states and Guam. The company serves more than 275 of the nation’s most innovative organizations, including a significant number of Fortune 1000 companies.

Premise Health believes that the future of healthcare is unrivaled access to phenomenal care that costs less for clients, members and their dependents. It delivers that future today through three access points – onsite health, nearsite health, and 24/7 virtual health. It also serves as the healthcare gateway for members and dependents, connecting them not only to its own robust and comprehensive provider network but also to the broader healthcare ecosystem. The result is a member experience that makes it easy to be seen anytime and anywhere.

For more information on Premise Health, visit www.premisehealth.com.

Case study interview was conducted with Timothy De Block, Manager of security engineering at Premise Health.