

2015 Awards for Customer Excellence Winner



Enterprise Security

Tony Spurlin, Cox Automotive

HP Fortify on Demand transforms software development and testing

Enterprise Security

High-level overview: By partnering with HP, Cox Automotive realized the following benefits:

- Reduce more than 100,000 code vulnerabilities by 90%, improving customer service and security
- Create an iterative DevOps testing cycle with near real-time feedback, increasing developers' performance
- Address the needs of 50% of the enterprise with plans to reach 100% in next 12 months

Company: Cox Automotive is a leading provider of products and services that span the automotive ecosystem worldwide. The company has a strong portfolio, with more than 20 brands that provide end-to-end digital marketing, wholesale, and commerce solutions for customers large and small. Cox Automotive includes Manheim, Dealer-Auction Ltd, AutoTrader.com, Kelley Blue Book, vAuto, NextGear Capital, and a host of global businesses and brands.

Contact: Tony Spurlin is Global Chief Information Security Officer (CISO) for Cox Automotive, Inc., responsible for the strategic direction, design, build, and monitoring of the information security program.

Business goals: Cox considers itself a software company, writing applications that support several diverse partner companies and brands (including the popular Kelley Blue Book and AutoTrader.com). Cox aimed to revamp its software-testing environment and significantly decrease vulnerabilities, while creating an iterative testing cycle that follows DevOps methodology. More than 7,000 application developers write and test code for Cox in the U.S., with 24,000 developers worldwide.

HP Software implemented: With advanced software for static and dynamic application

testing powered by HP Fortify on Demand, Cox dramatically decreased security flaws (for example, one application had over 10,000 security flaws, and this was reduced to 100). Tony's team developed a comprehensive application security program, providing project teams with risk/security advisory services.

Partnering with HP has fostered an environment with better-educated developers. As Tony notes, "HP Fortify is one of the best solutions out there, but what HP brings to the table is even greater. They deliver unparalleled support across our organization."

Benefits: Cox worked with HP to create a testing environment that relies on iterative testing cycles with near real-time feedback. Developers can use Fortify on Demand to quickly identify issues and fix them while still in development—resulting in a lot less rework and virtually no post-implementation testing.

Vulnerabilities decreased tenfold in the first 24 months, resulting in huge cost reductions. Automated testing across the development lifecycle replaces the work of approximately five full-time skilled analysts. And by moving to a cloud-based solution, Cox removed the long lifecycle for building servers and installing software and eliminated many maintenance and operational tasks.

As Mark Satterfield, VP Enterprise Delivery Operations, Risk and Security, observes: "Tony and his team built a 36-month strategic plan to evolve risk and security from an ad hoc security function embedded in the technology operations organization to a full enterprise function that now focuses on all aspects risk and security management."

For more details please review the [customer video](#).



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