Deliverable: Blog Post #1

Topic: Why you Need Security Focus

Title: OEMs: Is your software secure?

Defending your applications against the newest threats

The hackers are out there – more numerous and sophisticated than ever. They are hungry for data and business logic: private information including your intellectual property, business secrets and customer financial and personal data they can use and abuse. What's more, they are poised to infiltrate and compromise the applications you are building right now. Without the right security to protect your innovative software solutions, Big Data = Big Threat.

Encryption won't help: protecting one point in the system is no longer sufficient if the pathway to the data is not secure. Any vulnerability along that path means the entire system is vulnerable. As you know, today's e-criminals are ingenious in discovering new pathways. Years ago, they started at the network and hardware levels; now they are going right to the application layer.

Here are three things every OEM should know about the current security risks:

1. **84% of security breaches today target the application layer**[1]
   Billions of dollars today are spent blocking threats on the network or searching for malware or viruses throughout the network – but it still may not be enough. While these defenses are effective for external attacks, they are insufficient for blocking attacks against applications, which today comprise the majority of threats. The ratio of cyber-attack protection spending is in massive imbalance – 23 to 1 on network security versus application security where the money should go. [2]

2. **Complexity of applications is growing – and so are the threats**
   The days of the static website – so easy to scope and protect – are long gone. The number and diversity of applications and software is growing at dizzying rate. With outsourced development, legacy applications, coupled with in-house development employing 3rd party, open source, off-the-shelf software, the environment is a complex and fast-changing one. This means a tidal wave of new exposures and vulnerabilities for your applications and networks. Considering this tangled web of supply chain relationships and the evolving methods through which modern applications are built, strong security becomes almost impossible to achieve with one-size-fits-all defense solutions.

3. **SSA is the way to go**
   Safety-savvy developers and IT administrators are now looking to Software Security Assurance (SSA) as the solution. With SSA, you can ensure the right security is embedded into the SDLC development process. The first step is testing the software at whichever lifecycle stage it's in, whether it's a legacy app that you are upgrading or reprogramming, or new software you are developing. Leveraging a security gate somewhere throughout the process is always the first place to start.

[1] HPE Security Fortify Application Security PPT, April 25, 2016, slide 2
[2] ibid

Questions? Need some clear advice on the best protection for your apps?

Nth Generation can get you on track with the best security solutions for developers on the market today – including HPE Fortify, a leader in this arena. Reach out to us at <e-mail address> or leave your comments below.

Deliverable: Blog Post #2

Topic: HPE Fortify Benefits Focus

Title: Four Reasons to Secure your Apps with us

How Nth Generation Fortifies your Software to Keep Hackers at Bay

Sure, you built enough security into your apps. Or did you? With the increasing complexity of the networked universe and a growing list of cyber threats, it is all too easy to miss a step, or not adequately protect your application from the latest insidious attacks by hackers. Did you know, for example, that more than 80 percent of today's cyber-attacks target and exploit vulnerabilities in applications?

Don't go it alone. Nth Generation has the inside edge on a best-fit app security solution for your development business– HPE Fortify, the leader in this class. We offer security solutions that span the software development lifecycle to meet your entire mobile and web app protection needs. After all, you need the right technology that will ensure compliance and risk management (third-party demands), avoid breaches, and also secure the SDLC.

HPE Fortify solutions are fully-scalable, manageable – and available when and where you need them. Backed by more than a decade of market leading experience and with the combined expertise of the world's top application security experts, we bring an easy alternative like no other to defend your solutions. The result? You will stand out from the competition and ultimately deliver more value to your customers.

Here are four reasons Nth Generation should be your first call for application security:

1. **Proven:** For 25 years, Nth Generation has been a leading IT solutions provider for Fortune 500 companies across America. Our HPE Fortify line brings more than a decade of successful deployments backed by the largest security research team. Ask us for our list of highly-successful deployments by both public and private organizations

2. **Comprehensive:** HPE Fortify is the only application security provider to cover SAST, DAST, IAST and RASP. Not only does HPE offer all these, they invented and pioneered many of these technologies.

3. **Flexible:** Our security solutions are available on-premise as software and as an on-demand platform. No competitor can match our extensive range of hybrid deployments.

4. **Intelligent:** In addition to our testing technologies, HPE Fortify also provides the security intelligence you need to effectively identify and resolve any application security problem. Our dashboards provide an at-a-glance view of all your application security testing projects – and you (or your clients) will also get detailed reports to ensure that you meet security compliance. In short, our collaboration and recommendation tools have been proven to help developers like you be more productive.

Interested in learning how to get better application security through Nth Generation?
Let our trusted IT advisors help you 'Fortify' your next application.
Reach out to us at <e-mail address> or leave your comments below.