The problem: If every person on earth had the exact same genetic makeup, a single infection could kill us all. Fortunately, our immune systems are naturally different, but the same is not true for software. A single piece of malware can infect millions of computers because they run the exact same software with the exact same vulnerabilities.

Our mission: Billions of years of evolution has led to diverse genetics; we believe that this defense can be as effective in the digital domain as it is in nature. Our diversifying technology can: (a) prevent the latest exploitation techniques, (b) detect and respond to attempted attacks, and (c) can protect the entire system stack including the OS, system services, and network-facing applications.

Our technology: is applied as sources are compiled to the final binary; an immunized binary has a fully randomized attack surface. Our approach requires no changes to the way applications are written or tested and there is no extra software that end users must install--our powerful protections goes unnoticed by everyone but attackers. Most importantly, our compiler performs immunization in a way that minimizes overheads in time and space so your performance critical code can be protected too.

The benefits: (a) prevent hackers attacking your critical infrastructure and stealing sensitive information using unpatched vulnerabilities, (b) protect your company's reputation by avoiding the negative media coverage after a breach, and (c) detect and respond to zero-day vulnerabilities before attackers can weaponize them.

We are at the forefront of securing your code in the PC/server, mobile, and Internet-of-things domains. We have developed several proprietary, patent-pending techniques that dramatically increase your opportunities to protect low-level, performance sensitive code. Our work has received DARPA funding and was featured in the Economist (Divided We Stand, goo.gl/p16NiQ).

Want to learn more? Contact Per Larsen
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“More zero-day vulnerabilities were discovered in 2013 than any other year, in fact 2013 registered more of those than the previous two years combined.”
Source: Symantec 2014 Internet Security Report