

## QuickLogic

### Protecting on-the-go senior executives against ransomware attacks with NeuShield Data Sentinel

Senior executives hold some of the most sensitive data within an organization and they also commonly travel around the world. For cyber criminals, this can be a perfect recipe for a high-value target for a ransomware attack. Over the past few years, ransomware has grown to become one of the most significant problems in cybersecurity, and traditional ransomware protection is often ineffective in stopping new or unknown attacks. For an executive of a large organization, ransomware can be devastating. From the potential for significant financial loss, both personally and for their organization, to the cost of lost time during the recovery process, ransomware poses a real threat to today's organizations.

#### About QuickLogic

Founded in 1988, QuickLogic is a platform company that enables customers to quickly and easily create intelligent ultra-low power endpoints to build a smarter, more connected world. As a developer of ultra-low power, multi-core semiconductor platforms and hardware and software-based IP for AI and sensor processing applications, QuickLogic's vision is to transform the way people and devices interact with each other and their surroundings.

In addition to delivering their own semiconductor solutions, QuickLogic has an IP business that licenses their eFPGA technology for use in other semiconductor companies SoCs. Through the acquisition of SensiML last year, QuickLogic's core IP now includes the SensiML Analytics Toolkit that provides an end-to-end solution with accurate sensor algorithms using AI technology. Their full range of platforms, software tools and eFPGA IP enables the practical and efficient adoption of AI, voice and sensor processing across mobile,



wearable, hearable, consumer, industrial, edge and endpoint IoT.

Based in San Jose, California, QuickLogic aims to provide innovative silicon and software platforms to successfully enable customers to develop products that fundamentally change the end-user experience.

#### The Issue/Threats

As a global organization, QuickLogic executives are often traveling around the world, connecting to different networks along the way. More often than

not, those networks are not fully secure and pose a serious threat to valuable and private company information, and are high-value targets as senior executives. QuickLogic knew that each time their company leaders connected to a network outside their firewall, it was putting the entire organization at risk.

While QuickLogic has taken the steps to prevent cyber-attacks and protect its endpoints through multi-layered security and encryption, they needed a solution that could provide an extra layer of protection and stand up to one of the fastest growing cyberthreats – ransomware.

Ransomware is quickly becoming the biggest threat to businesses. Attackers have the most to gain from taking systems down and demanding payment in return. Each year, these attacks are becoming smarter and harder to identify. Not to mention the cost of recovery from a ransomware attack cannot be underestimated. If organizations don't have a recovery plan in place, they will not only lose money and time but critical data as well.

## The Solution

Understanding the very real threat of ransomware, QuickLogic turned to NeuShield and its flagship solution, Data Sentinel. With Data Sentinel in place, QuickLogic could rest easy knowing it had the necessary tools in the event of a ransomware attack. When asked if they're worried about a future attack, Manuel Olmos, IT Infrastructure Manager at Quick Logic responded, "Security is not absolute, but knowing that NeuShield is there in the background in case

something was to make it through, helps me sleep at night."

For QuickLogic, the biggest benefit to having NeuShield Data Sentinel is the ability for traveling executives to quickly recover if their device is compromised, whether by their own means or with IT's assistance. Before using NeuShield, QuickLogic had no way to recover data from a remote location leaving them open and vulnerable until the infected device was returned to headquarters.

Ransomware tactics are constantly evolving. While traditional ransomware protection tools can identify and block known malware, they often lack in stopping new or unknown kinds of attacks, let alone help in the recovery process. With NeuShield Data Sentinel, it's a much different story. It doesn't matter how or why data was affected, QuickLogic knows that NeuShield Data Sentinel can go deep into the computer system to recover its data. QuickLogic can now easily fix a problem by simply accessing the device that's been infected and deciding which data they want to recover. All of this can be done immediately without having to access a backup system and do a restore, a process that otherwise can take days.

With NeuShield Data Sentinel, QuickLogic is able to access various features of protection:

**Mirror Shielding:** Patent pending technology that makes an attacker believe they have access to a computer's original data files, but they are in fact only seeing a mirror image of them.

**One-Click Restore:** Restores operating system files and settings back to a known good state allowing

you to quickly regain access to your computer after a ransomware attack.

**Cloud Drive Protection:** Protects local cloud drive folders (OneDrive, Google Drive, Dropbox, etc.), allowing destroyed or corrupted data to be recovered quickly without an Internet connection.

## Rollout

QuickLogic has rolled out NeuShield Data Sentinel to all the key executives. These users are constantly on the go and based on their role in the organization they have very sensitive data on their machines, so they were ideal candidates.

“It has been a positive experience from the start,” said Shawn Duncan, IT Manager at QuickLogic, “Working with the product has been seamless. It’s

## About NeuShield

NeuShield, Inc. provides Managed Service Providers (MSPs) and IT managers with the perfect solution to ensure all their PCs and servers are fully protected against ransomware and other threats that could impact their business. NeuShield’s award-winning Mirror Shielding™ technology enables you to recover your data instantly, without relying on backup or rollback, from any kind of corruption, deletion, or encryption due to cyber threats. Your data will never be held hostage again. For more information on NeuShield, please visit <http://www.neushield.com>

a solid solution that works in the background and was easy to get up and running on our system.”

QuickLogic also appreciated the compatibility of Data Sentinel with their other existing solutions. This has allowed the company to deploy this solution with limited disruption to their executives, which was a key priority for QuickLogic during the rollout.

According to Shawn Duncan, the NeuShield team brought a lot to the table during the process, “the level of experience, expertise and knowledge of their product were evident as we worked with NeuShield. Their qualifications made the process run smoothly and without incident.”