APPGUARD
The Malware Disruptor

Medical Center Ensures HIPAA Compliance and Prevents Ransomware with AppGuard

CASE STUDY: HEALTHCARE

MAIDEN LANE
MEDICAL

About Maiden Lane

Maiden Lane Medical provides patient-centered healthcare based on an in-depth understanding of each patient's unique and evolving medical needs. With seven locations and over 100 medical professionals, it is critical that their sensitive customer data is never at risk, and their systems are up and running 24/7. Being down for any length of time has a significant impact on revenue and costs, as well as puts lives at risk.

Situation: Ransomware Bypassed Ineffective Anti-Malware Tool

Maiden Lane Medical was infected with ransomware through one of their endpoints. Bypassing a popular AV tool that was installed, the attack caused complete data and server loss. Maiden Lane Medical was down for over 24 hours while restoring all systems and data from backup. They were fortunate that their backup was recently performed and they did not lose everything.

Solution: AppGuard – Endpoints without Compromise

Maiden Lane tasked their IT department to evaluate endpoint protection solutions to find a more advanced and effective way to prevent future breaches. They selected AppGuard based on its ability to prevent all types of malware attacks, including zero-day. AppGuard's ease of implementation and simple maintenance were also major factors influencing their selection.

CHALLENGES:

- Protecting sensitive patient data
- Meeting HIPAA security requirements
- Preventing another ransomware attack

OUTCOMES:

- Greater protection, less effort/resources
- Zero Malware Attacks
- Peace of mind knowing systems and data are secure

Like all organizations in the healthcare industry, Maiden Lane's primary focus is on its patients, not IT. They have limited resources to dedicate to operating systems and cybersecurity solutions. Considering the sensitivity of their customer data and lean security team, they needed a solution that provides the highest level of protection and requires minimal dedicated resources to implement and maintain. AppGuard does exactly that.

Meeting HIPAA Requirements

HIPAA security requirements are important factors for companies in the healthcare industry. AppGuard allows Maiden Lane to be compliant with HIPAA requirements and eliminates the risk of additional costs from fines.

Endpoints Without Compromise Or Inconvenience

AppGuard is not a detection tool; it utilizes a unique zero trust approach to prevent any type of attack in real-time. AppGuard has an extremely small footprint, under 10 MB, and allows operating systems to continue to perform without degradation of applications or the operating system. Because it doesn't require signatures and is not a detection tool, it does not require updates or internet access.

Healthcare data breaches of 500 or more records increased by 25% in 2020 over 2019's record breaking volume - a rate of more than 1.76 per day.

Source: HIPAA Journal

Simple to Deploy and Maintain

Maiden Lane installed AppGuard across all of its locations in one day. Out of the box, it provided total protection across all of their operating systems and it scales easily as they continue to grow.

Zero Malware Attacks

Since AppGuard was installed, there have been no malware compromises or time intensive alert investigations needed. AppGuard simply blocks all known and unknown attacks (Tyupkin, WannaCry, JackPotting, etc.) in real-time, at the kernel level.

No Problems or Conflicts

Because of AppGuard's small footprint, it allows applications to operate normally with little impact on CPU usage. It is truly a set and forget solution for any customer's cybersecurity strategy.

> " *I wish we had installed AppGuard as our first solution. That would have saved us considerable amounts of money and headaches. I'm constantly recommending AppGuard to all my colleagues in my industry.* "
>
> — *Kenneth A. Levey, MD CEO & Managing Partner, Maiden Lane Medical*

About AppGuard

AppGuard is a cyber security company on a mission to set a new standard: true cyber protection for all. AppGuard's patented technology prevents compromises before they happen by disrupting malware activity from causing harm without having to recognize it. Unlike detection-based solutions, AppGuard outsmarts malicious actors to ensure businesses can do what they need to do, and malware can't do what it wants to.

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