Secure Headless IoMT Devices with WootCloud HyperContext™ technology

In recent years, the IoT ecosystem has become a hot target for bad actors, affecting everyone from consumers to critical infrastructure. The healthcare sector in particular has been a lucrative target, not only because it's one of the most device-centric industries, but also because it handles the most sensitive data: personally, identifiable information and health data. Protecting medical IoT gear is tough, and especially now in this global environment, there are many headless devices (devices that don't have a user assigned to them) that are a big target for hackers because they don't support individual security agents. So how, then, can we protect headless medical IoT products?

**The Danger of Headless Devices in Hospitals**

Hackers use headless devices like pacemakers, implanted defibrillators and drug infusion pumps to gain access to hospital equipment and to the hospitals sensitive data records like EMR systems. Documented reports of compromised devices led the FDA to recall 2 insulin pumps recently. Patient records, as well as billing records are high value targets for hackers. Any medical device connected to a communications network, like Wi-Fi, or public or home Internet, may have cybersecurity vulnerabilities that could be exploited by unauthorized users. Even well-staffed security organizations cannot detect these security breaches. According to the Ponemom study, the average time of discovering breaches is 192 days and the mean time to contain a breach is 69 days.

WootCloud HyperContext technology

With WootCloud HyperContext technology you can protect all your user-controlled and headless devices by scanning both the radio and network spectrum, gather hundreds of device parameters to automate network segmentation and automatically set nuanced granular policies at scale. You can also tailor security settings and create dynamic access control policies for all medical devices at IoT scale in compliance with PII and PHI.

Get end to end device visibility and device contextual details with WootCloud HyperContext.
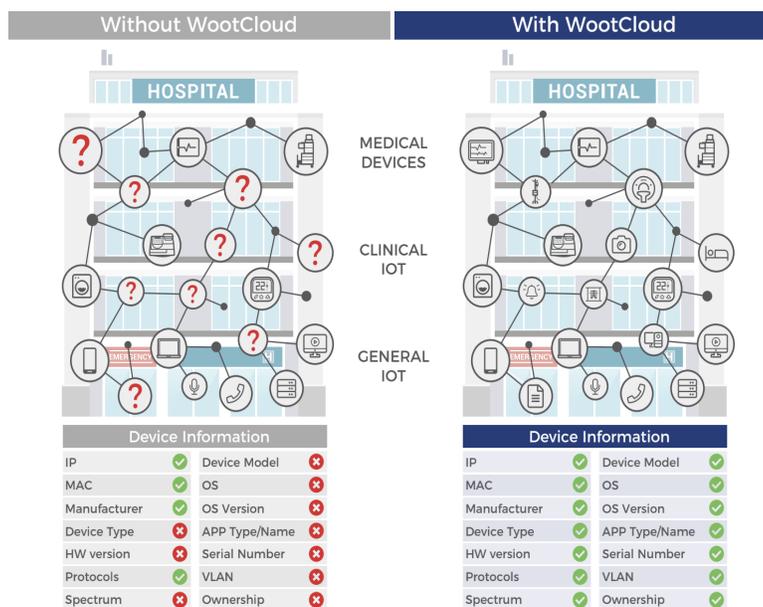
Download our full functioning Virtual Machine and start defending your defenseless medical equipment today. Contact us at getstarted@wootcloud.com or visit us at: www.wootcloud.com to learn more