



How we fortified one of world's leading enterprise networking hardware suites

Problem

Internet of Things and embedded devices present a unique security challenge. Intelligent devices have an unusually complex attack surface, complicated software update mechanics, and hardware weaknesses often impossible to fix with software updates at all.

Understanding the risks, an industry leading manufacturer of enterprise networking hardware solutions hired SoftSeq engineers to perform a deep security assessment of a network management device and multiple managed wireless access points prior to releasing them to the market.

Solution

SoftSeq engineers performed a series of complex security tests of client's equipment.

The engagement spanned core operating system, applications, firmware components, and software at all boot levels on both clients and management device.

Result

SoftSeq identified a wide range of security issues with management web-console, communication protocol flaws, firmware backdoors, open debug ports, and a number of lower severity vulnerabilities that could be chained together to achieve critical impact.

SoftSeq's active engagement and support resulted in all found security issues being properly resolved before the products were released to the market. This engagement prevented real-life security breaches that are often highly publicized, and positioned our client for market success.

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About SoftSeq LLC

SoftSeq is a Boutique Security Consulting company providing Professional Services in the field of Software Security. We provide innovative cyber-security services to ensure customer software is hacker-proof, and in compliance with the most rigorous international standards. We make world-class security services affordable to companies of all sizes.

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