



PROTECTING AIR FORCE DEVICE SECURITY WITH ECLYPSIUM

Hardware and firmware attacks are on the rise due to widespread tools, increased firmware knowledge, and a wealth of vulnerabilities for attackers to target. A recent **Microsoft study** reports that 83% of all businesses have experienced a firmware attack in the past two years. To eliminate firmware and hardware risks, the Air Force needs to gain visibility into this lower layer. Traditional security tools only protect the software layers of devices and ignore the lower layers. Eclipsium's unmatched security solves this problem by providing technology that defends against vulnerabilities and threats hidden within firmware.

Built on vulnerability research, the Eclipsium platform collects low-level code, configuration, and behaviors from device firmware and hardware. The resulting analysis is provided in terms of risks (vulnerabilities, updates, configuration issues, etc.) and integrity (deviation from expected normal). Collecting this critical information allows Air Force security

teams to make decisions based on evidence of such controls down at this low level.

Using Eclipsium's comprehensive platform, Air Force customers can increase visibility, find and fix vulnerabilities, and detect threats and compromises at the firmware and hardware layer. Eclipsium allows Air Force users to know exactly what is in their devices down to the component level and proactively find areas that need attention. Fast, automated scanning removes time-consuming manual analysis and ensures that organizations can protect their firmware with rigor and consistency.

The Eclipsium platform delivers device-level visibility, risk management, and advanced threat detection and prevention. These capabilities allow organizations to support a wide variety of use cases, including:



Manage Firmware Inventory and Risk



Protect Critical User Devices



Protect Data Center and Network Devices



Minimize Hardware Supply Chain Risk

Eclipsium is a proud AFWERX SBIR Phase I awardee. Try Eclipsium's technology through our AFWERX SBIR funding. There is no financial commitment required from your unit. Email usg@eclipsium.com to schedule a demonstration and discuss how to receive access to our software.

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