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CASE STUDY | **Physician, Heal Thyself**

When Compliance is the Issue, GearBox is the Solution

THE CLIENT | Multi-Location Regional Health System

A regional health system founded in 1864 has been serving the community as a primary source of care for the region's most vulnerable constituency, acting as an advocate for equitable, compassionate and culturally sensitive care regardless of social and financial barriers.

THE CHALLENGE

The health system failed a regulatory audit, resulting in a mass exodus of IT staff, and in its wake mounting problems: undocumented architectures, unsegmented networks, no inventory of the connected devices on any given network, and little documentation regarding which assets were NDAA 889 compliant and which assets fell under HIPAA jurisdiction.

Hiring a cybersecurity consultant to inventory, assess and remediate everything was likely to be expensive and slow, potentially jeopardizing their future, as well as their staff and patients.

THE SOLUTION

Cloudastructure's GearBox offered a unique, sleek, and immediate solution. Able to detect all IoT devices within a network in mere minutes, GearBox's capabilities to inventory and assess not only vulnerabilities but alert staff to any NDAA or HIPAA compliance issues meant they could potentially resolve their problems quickly and economically.

Gearbox performed discovery scans to define the architecture of each computer network, as well as inventory of all connected devices, and subsequently was able to brand and age them. The Cloudastructure team alerted staff to devices that had reached end of life, as well as identified all non-compliant hardware with overarching regulatory requirements such as NDAA 889.

GearBox also performed an in depth vulnerability assessment of all the identified connected devices. The data from this assessment was utilized to formulate a remediation road map that informed the health system of the architectural, policy, and compliance-based and cybersecurity-based remediations that needed to be performed. The roadmap cross-referenced level of priority and level of difficulty, so the corrections necessary could be performed first and the health system could meet their patients' needs.

THE RESULT

Based on the information from GearBox's remediation roadmap, corrections were made and the health system has since passed its external audit and continues to grow, in a sustainable, secure manner.

Fast Facts

- Multisite health company failed a compliance audit
- Needed inventory of all IoT devices and scan for HIPAA and NDAA
- GearBox defined network architecture, vulnerabilities and non-compliant hardware
- Health company passed external audit post remediation

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