



River Loop Security

Cybersecurity solutions for healthcare

Hospitals, clinicians, and patients rely on a complex web of information systems and devices for patient diagnosis and treatment. However, many facilities extensively utilize custom legacy technologies.

The increasingly interconnected nature of these systems and medical devices puts patients and hospitals at risk of cyber attacks.

River Loop Security helps design secure devices from the start, verify compliance with cybersecurity regulations, and assure the safety and security of deployed systems.

Medical devices are undergoing a cybersecurity revolution

High Stakes & Opportunity

Patients, providers, and healthcare facilities increasingly rely on connected systems to provide state-of-the-art medical care in settings ranging from a patient's home to tertiary care facilities.

This connected healthcare system requires strong attention to cybersecurity. As consumers and regulators increasingly demand strong security measures for medical devices, manufacturers must be able to stand behind their products and hospitals must be able to trust them.

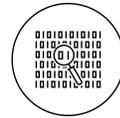
The challenge is only getting tougher



FDA guidance on management of cybersecurity in medical devices creates new complexity



No room for complacency as hospital and patient expectations are rising



Attack surfaces are growing while attackers are becoming more savvy

About River Loop Security

We provide security solutions to clients ranging from startups to global infrastructure providers. Our solutions are based on industry leading research, tested standards, and strong engineering principles.

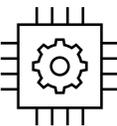
We have a team of the brightest information security experts who are up-to-date on the latest threats and research. Our team has experience designing, analyzing, and securing thousands of IoT and embedded devices.

Services Include...



Threat Modeling

Understand real-world risks and applicable regulations to prioritize cybersecurity defences



Architecture & Design

Design everything from circuit boards to server architecture correctly from the start with proven and compliant cybersecurity practices.



Testing & Validation

Subject systems to real-world hacking by white-hat experts who uncover, validate, document, and help remediate cybersecurity vulnerabilities

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