C3 MEDTECH INNOVATIONS

CASE STUDY

4SIGHT LABS

OverWatch™ Monitoring System

Wearable wellness monitoring built for correctional facilities



CLIENT	FOCUS	C3 SCOPE	STATUS
4Sight Labs	Detainee wellness monitoring	Sensors, wireless, low-power	Tamper-resistant, real-time

The challenge

4Sight Labs has a strong reputation for integrating advanced technological solutions into the Public Safety and Correctional Health space. Specializing in detainee monitoring devices, they identified a critical need for a reliable, continuous monitoring system to ensure the wellness of detainees and inmates.

Before OverWatch, correctional facilities faced significant challenges in ensuring inmate safety and wellness. Overcrowding, understaffing, and limited budgets made it difficult to monitor inmates effectively, particularly those with mental illness and addiction.

4Sight Labs needed a partner who could deliver a tamper-proof system that would operate reliably in a demanding environment.

What C3 delivered

4Sight Labs evaluated several potential collaborators and chose C3 for expertise in the areas essential to the project: deep knowledge of advanced sensors for accurate wellness tracking, wireless technologies for seamless data transmission and real-time alerts, and low-power hardware and firmware design that reduces recharging and manual intervention.

Just as important were environment-specific, tamper-resistant construction suited to harsh correctional settings, and comprehensive project engineering spanning planning, execution, and support.

Together the teams built the OverWatch Solution, a tamper-proof system designed to enhance inmate safety, alleviate staff burden, and operate seamlessly in demanding correctional environments.

At its core is real-time data tracking that can identify early signs of stress, agitation, or health deterioration, and alert staff in time to intervene. By automating aspects of supervision, it frees personnel to focus on more critical tasks.

THE RESULT

A scalable, tamper-resistant system setting a new benchmark for humane care