



BIOHACKING VILLAGE



**DEF CON 32:
8-11 AUGUST 2024**



BIOHACKING VILLAGE

Contribute to a Safer Healthcare Ecosystem:

By participating, you become part of a collaborative effort to ensure the highest standards of safety and privacy in healthcare technology, a commitment that resonates deeply with patients and healthcare providers. Your expertise and insights as a leader in medical device manufacturing are invaluable to this community-driven initiative. Together, we can drive innovation and security in healthcare technology!

[Biohacking Village at DEF CON Details:](#)

Date: 8-11 August 2024

Location: Las Vegas, Nevada

What do we have in store for our 9th year?

- New Location! We will likely move into the main conference area (Forums) this year.
- DEF CON will be 8-11 August 2024 in Las Vegas, Nevada
 - [Book a Room](#) here
- Credly Badges: to identify your work at the Biohacking Village and provide industry credibility of your and our commitment to Medical Device Cybersecurity, we will now be able to grant you badges for your LinkedIn profiles.
- Biohacking Village is continuing our relationship with:
 - FDA [#WeHeartHackers](#) partnership to promote resilience and opportunities to strengthen the community.
 - CISA as a [CNA](#) under the ICS Root to assist with registering a CVE number that is required as part of any vulnerability disclosures.
 - Teaming with [ICS Village](#), [Voting Village](#), [CarHacking Village](#), and [Aerospace Village](#) for continuity of the medical critical infrastructure.
 - Tell us what content you are interested in and let's see if we can get a [speaker or workshop](#) assembled.

Timeframes:

- **February 2024:** Pre-conference Preparations announcement to ensure you are secure before you come to [DEF CON](#)
- **Feb - April:** Interested in submitting CTF challenges? Contact [Sharka](#)
- **Feb - April 2024:** Device lab discussions to ensure we have room and weight capacity. [Please submit device information here](#)
- **Feb - May 2024:** Call for Papers is open! [Submit your talk and workshop proposals here](#)
- **May 2024:** Final Discussions for Devices and Talk Acceptances sent out
- **June 2024:** Manufacturer to provide Device link, NMap, Image, Manual, Vulnerability Disclosure Policy and Reporting links
- **July 2024:** The above links will be made live on added to the [Biohacking Village](#) website
- **August 2024:** Go Live at DEF CON!



Biohacking Village Labs



Speaker Lab

Fostering critical thinking, problem-solving, human interaction literacy, ethics debates, creativity, and collaboration. Subject matter experts and researchers share the future of their research, reflecting the biological technologies and emerging threats.



Device Lab

Highly-collaborative environment builds health care, connecting security researchers, manufacturers, clinicians, and regulators, to learn from each other and develop skills, codifying best practices and paths for high fidelity cyber safety.



Catalyst Lab

Providing interaction with thought leaders from the medical device and citizen science communities through training and hands-on workshops and solutions design, to cover the entirety of the biomedical device and security ecosystem.



Tabletop Exercises

Experiential and hands-on sessions of increasing complexity and difficulty regarding vulnerabilities in a series of Machiavellian healthcare industry scenarios.



Capture the Flag

Featuring the virtual learning environment of St. Elvis Hospital, the CTF offers protocol, regulatory, and biological challenges to access and assess vulnerabilities in real devices.

We are planning the content for this year's Biohacking Village at DEF CON 32 conference, the world's largest hacker conference, and we are excited to hear from you!

Why Attend the Biohacking Village? We focus on the biomedical ecosystem and patient safety, particularly making healthier tech for healthier people.

- Insightful Discussions and Workshops: Engage in thought-provoking talks and hands-on workshops led by experts in medical device security. These sessions are tailored to address the current challenges and future possibilities in medical device technology.
- Networking Opportunities: Connect with a diverse group of professionals, including cybersecurity experts, healthcare practitioners, and fellow manufacturers. This platform offers an unparalleled opportunity to share knowledge and collaborate on innovative solutions.
- Latest Trends and Innovations: Stay ahead of the curve by learning about the latest advancements and emerging threats in medical device technology. Discover how these insights can be integrated into your product development and security protocols.
- Enhancing Product Safety and Reliability: Learn about the latest strategies in safeguarding medical devices against cyber threats. Implementing these strategies can significantly enhance the safety and reliability of your products, thereby reinforcing trust with your clients and end-users.



RETURN ON INVESTMENT (ROI) AND BUSINESS STRATEGY CONSIDERATIONS:



Presenting at a **hacker-focused** biomedical ecosystem conference aligns a company with the **leading edge** of cybersecurity in healthcare, offering **distinct advantages** in investment attraction, strategic development, brand positioning, profitability, and sustainable success in a high-stakes market.

In a world where cybersecurity is **increasingly pivotal in regulatory compliance and sales**, presenting at such a conference, positions a company as a key player in the intersection of healthcare and cybersecurity. This not only contributes to immediate networking and collaboration opportunities but also establishes a **foundation for long-term success in a rapidly evolving industry.**



BUSINESS STRATEGY:



- **Brand Protection and Customer Trust:** Robust cybersecurity enhances brand reputation and customer trust, crucial in the medical device industry. Presenting at a conference with a hacker focus enhances a company's brand as a leader in secure biomedical solutions. It demonstrates a commitment to cybersecurity in healthcare, a critical concern for consumers and industry stakeholders.
- **Enhanced Product Security and Risk Management:** Implementing advanced cybersecurity measures can prevent costly data breaches and product recalls, directly impacting the bottom line. Understanding and mitigating cybersecurity risks can protect against operational disruptions and financial losses.
- **Market Competitiveness:** Being at the forefront of cybersecurity can be a significant market differentiator, especially in an industry where data security is a top concern for customers. Exposure to new technologies and methods can inspire innovations in product development and manufacturing processes.
- **Compliance Cost Savings and Profit:** Staying ahead in cybersecurity means fewer regulatory hurdles and potential fines, reducing compliance costs. Interaction with a specialized audience of cybersecurity experts and potential customers can open up new business opportunities. This could lead to increased profitability through partnerships that emphasize secure product design and development.
- **Big Picture and Future Foresight:** Engaging with a community that is at the forefront of cybersecurity trends provides invaluable insights. This knowledge aids in the strategic planning of product development, ensuring that new medical devices are not only technologically advanced but also secure against emerging cyber threats.