

CYBER · AI

The Dark Future of Cyber & Health – The Hidden Threats

Smart hospitals save lives. But the more connected medicine becomes, the more vulnerable it gets.

Healthcare is undergoing a radical transformation. AI-powered diagnostics, smart implants, and remote monitoring are reshaping medicine, promising longer, healthier lives. But as innovation accelerates, so do the threats.

Cybercriminals have turned healthcare into one of the most attacked industries, using cutting-edge tools to exploit vulnerabilities in ways we've never seen before. Some technologies become prime targets, while others remain untouched – why? What makes certain devices irresistible to attackers, and what hidden risks are we still blind to?

This talk pulls back the curtain on the future of cyber threats in healthcare, revealing why Hollywood's dystopian visions might not be so far from reality and how AI could become the industry's greatest cybersecurity nightmare. Through real-world case studies, we expose the emerging threats that security teams aren't even preparing for yet – from AI-powered hacking to autonomous malware targeting medical systems.

BEST FOR

Hospital leadership, healthcare professionals and medical technology teams.

KEY TAKEAWAYS

- Why healthcare has become the most targeted critical infrastructure sector
- How connected medical devices create attack surfaces that are nearly impossible to fully secure
- What AI-powered attacks on healthcare systems could look like – and what's already happening
- The gap between healthcare innovation and healthcare security – and how to close it

AVAILABLE AS

TED-Style · Standard

TED-style or standard talk: 15–60 minutes



ABOUT MENNY

Menny Barzilay is an internationally recognized cybersecurity expert, entrepreneur, and strategic advisor. He is the CEO and co-founder of Atorian, a partner and co-founder at Cytactic, and the CTO of the Blavatnik Interdisciplinary Cyber Research Center at Tel Aviv University. Previously, he served as a CISO in the intelligence services of the Israeli Defense Forces.

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