

Titel:

Cyber Security in Hospitals - A Losing Battle for Patients?

Abstract:

The level of connectivity between medical devices and generic IT like computers, tablets and smartphones in hospitals is rising steadily. As a result, common malware infections of hospital's generic IT devices already started spreading to medical devices leading to ransomware infections and data breaches.

WannyCry, NotPetya or the SamSam criminal hacking group are just a few recent examples of malware campaigns covered in the press. In this lecture, I'll summarize recent cyber security incidents in hospitals, the related academic research and discuss approaches in mitigating these threats.