

SecureIoT

Predictive, Intelligent and
Automated IoT Security

www.secureiot.eu

SecureIoT Socially Assistive Robots Use Case

How much does cybersecurity cost to a healthcare provider?



Data breaches cost

4 B \$

in the healthcare domain in 2019

53%

of successful cyberattacks
are caused by external actors



Cybersecurity budget has increased to about

6%

of the total annual IT spending for 2020



80%

of entities impacted by ransomware
attacks in US are healthcare providers



84% of hospitals and
65% of payer organizations don't have
full-time cybersecurity employees

How much time SecureIoT services need to detect attacks
in Socially Assistive Robots?



Less than

7 kbps

network overhead observed in case of an attack

More than **80%** of Socially Assistive Robots
critical assets can be found
in the Security Knowledge Base



Less than

10 sec

for anomaly detection

Less than **5 min** for risk assessment



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