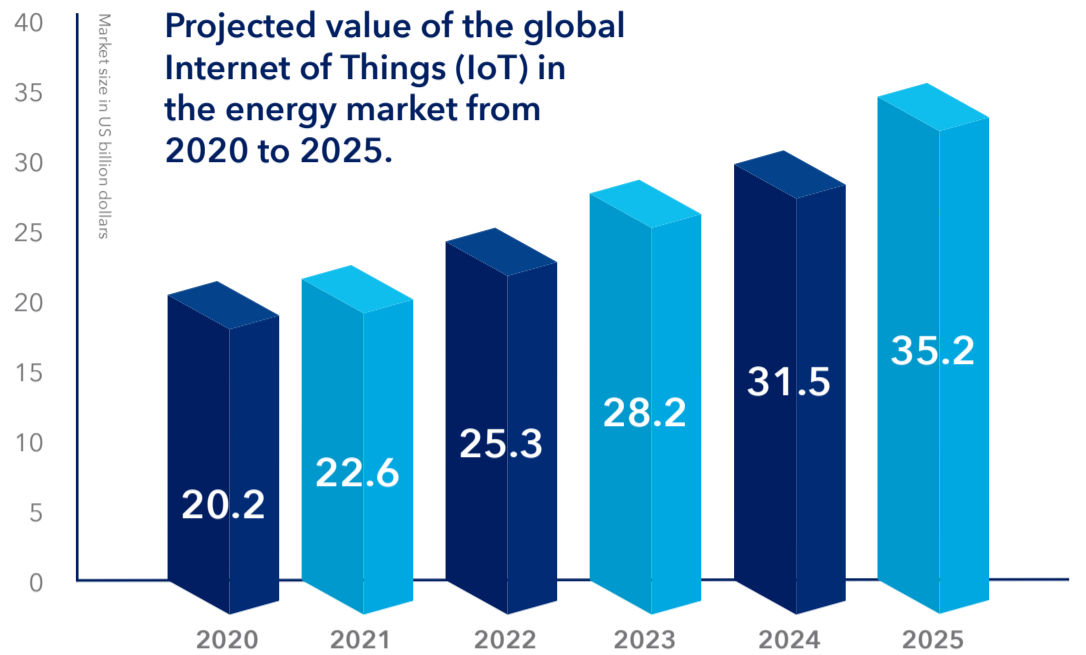# intertrust®

The state of energy IoT device security

As IoT devices continue to drive change and evolve the energy market, the need to secure these devices is paramount.

The global value of the use of IoT in energy is expected to grow from an estimated $20.2 billion USD in 2020, to $35.2 billion USD by 2025.

Projected value of the global Internet of Things (IoT) in the energy market from 2020 to 2025.

Market size in US billion dollars

Year	Value
2020	20.2
2021	22.6
2022	25.3
2023	28.2
2024	31.5
2025	35.2

30.9 billion
IoT devices will be installed worldwide by 2025

Energy IoT is increasingly targeted by hackers

Key findings

300%
increase in attacks on IoT devices

72%
of surveyed companies had IoT device security incidents in 2020

57%
of IoT devices are vulnerable

56%
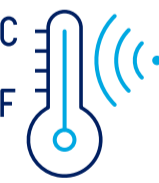of surveyed global utilities were attacked in prior 12 months

54%
of surveyed global utilities expect an attack in the next 12 months
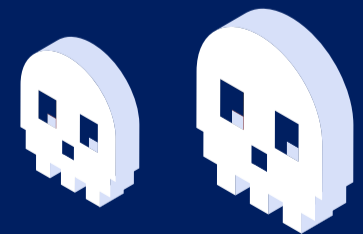
Top 3 energy IoT security risk areas

1 Remote monitoring with IoT sensors

2 Distributed grid

3 Connected devices

Only 31% of surveyed companies are ready to contain a severe threat

Establish trust in IoT devices and their data

Securely build your energy IoT ecosystem with Intertrust solutions. Monitor energy generation while raising revenues, safety standards, and efficiencies.

Download the brief now