



Shutterstock: Toria

Nov 27, 2019 23:04 GMT

Security impact of IoT on the Enterprise

We are moving to a time where many 'things' that we know and use have the capability to be connected to a network either wired or wirelessly. The way we use technology is becoming more integrated in all aspects of our daily lives and is steadily integrating within the enterprise environment. A core concern for businesses is therefore the risk of introducing Internet of Things (IoT) devices to the enterprise.

The whitepaper (available from below) has been written due to emergent focus on IoT device security and how in many cases, the ease with which they can be attacked by outsiders and used to gain a foothold onto associated networks. Research has demonstrated how IoT devices can be a security

threat to a user's home from tampering with "smart" lightbulbs to opening an Internet-connected lock on a door. To date, a lot of focus has been on IoT security in the domestic space, but how soon before the researchers, and hostile threat actors, divert their attention to businesses introducing IoT within their buildings, offices and IT infrastructures? What mitigations have been, or need to be put in place to prevent an IoT-based attack?

At the end of 2018, Gartner 2 reported that "CIOs should ensure they have the necessary skills and partners to support key emerging IoT trends and technologies, as, by 2023, the average CIO will be responsible for more than three times as many endpoints as this year [2018]."

This paper is aimed at identifying what risks businesses face when using IoT devices, what organisations need to be aware of and security baselines which organisations should be aiming towards when installing and maintaining enterprise IoT devices. This information should be helpful to C-level executives and IT administrators wanting to know the risks they face and what mitigation options exist.

Download from the link below

About NCC Group

NCC Group exists to make the world safer and more secure.

As global experts in cyber security and risk mitigation, NCC Group is trusted by over 14,000 customers to protect their most critical assets from the ever-changing threat landscape.

With the company's knowledge, experience, and investment in research and innovation, it is best placed to help organisations assess, develop and manage their cyber resilience posture.

With circa 2,000 colleagues in 12 countries, NCC Group has a significant market presence in North America, Europe and the UK, and a rapidly growing footprint in Asia Pacific with offices in Australia, Japan and Singapore.

Contacts



NCC Group Press Office

Press Contact

All media enquires relating to NCC Group plc

press@nccgroup.com

+44 7824 412 405

+44 7976 234 970



NCC Group - Financial Media Enquiries

Press Contact

Maitland AMO

Financial Results Media Enquiries

+44 (0)20 7379 5151



Regional Press Office - North America

Press Contact

NCCGroup@cdc.agency

+1 408 776 1400

+1 408 893 8750