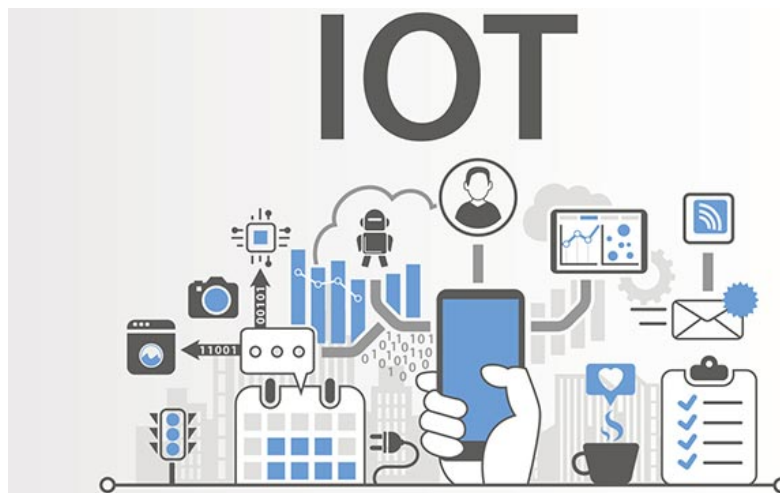


The first country to issue an 'IoT labeling system' has been introduced to ensure the security of smart devices

Finland has become the first country in the world to release a network security labeling system for IoT devices.

Finland has become the first country in the world to release a network security labeling system for IoT devices. The initiative was implemented to provide consumers with basic information about IoT products that can meet digital security standards through a website containing certification procedures. IoT devices associated with vendors, including the IoT equipment certification standards for vendors.

The initiative on this labeling system was first launched in late 2018, which included standards that measure compliance with Finnish cybersecurity principles. Through this system, the Finnish Transport and Transport Authority (Traficom) wants to raise the awareness of technology users in the country on issues related to information security and the use of equipment. Connect to the network in the safest way.



The Finnish National Cyber Security Center (NCSC-FI) is responsible for developing and defining a set of criteria for security standards and certifications for IoT devices. In addition, the security specifications implemented by Finland are also issued by the European standards agency, ETSI. An IoT device will be labeled as secure (certified) if it meets basic criteria such as safe default settings, access control capabilities, and secure data transfer and storage .

With the booming globalization of internet and especially wireless connectivity, the number of attacks targeting IoT devices and networks has escalated 'scary' throughout 2018. by the end of this year. The omission of secure default features is arguably a top concern for all IoT products both at the enterprise and consumer level. Therefore, the study of imposing regulations and security certificates for IoT products is extremely necessary.

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