

# Discover IoT trends in 2020

Intel, Nvidia, Appota, Claroty and many other technology companies are increasingly interested in Internet of Things (Internet of Things or IoT) solutions, which is also considered the development focus of many companies in 2020 and beyond. Covid-19 translation.

Internet of Things refers to the billions of physical devices around the world currently connected to the internet, collecting and sharing data. Thanks to its cheap processor and wireless network, it can turn everything from pills to airplanes into a part of the IoT. This makes devices smarter, allowing them to communicate without humans involved and uniting the digital and physical worlds.



Internet of Things is creeping into every detail of life

With the Internet of Things, businesses can benefit depending on deployment, but it's important for businesses to have access to more data about their own products and their own internal system. . Sensors added to products will help convey data about how they work, which can help companies detect when a component is likely to fail and exchange it before it causes damage. harm.

Not only businesses, the Internet of Things also makes sense for consumers as it makes homes, offices or vehicles smarter . For example, smart speakers like Amazon Echo or Google Home make music easier to play, set a timer, or get information.

Meanwhile, home security systems make it easy to track what's going on inside and outside or to see and talk to visitors. Smart air conditioners can help us warm our home before coming back, and smart light bulbs can adjust the brightness accordingly based on the surrounding light or when we are out and about. .

Here are some tech firms that are focusing on developing Internet of Things projects in 2020.

## Intel

Intel invested heavily in IoT topics in 2019 and it seems the company will continue its plans in 2020, even very ambitiously. Specifically, the company is working with chips that are intended to support the development of

IoT applications.



Intel is investing heavily in the IoT industry

Intel is also currently developing a technology that is expected to go beyond existing services to Movidius through a modified chip, with products developed with the purpose of addressing edge computing opportunities as well as boundary deduction, thereby raising the boundary training.

## **Nvidia**

Nvidia is a major company also focusing on the development of the IoT industry. Just by looking at the recently released EGX platform for Edge Computing, industry experts are expecting Nvidia to be able to integrate their platform not only into IoT solutions but also to the core intelligence. create (AI) and 5G network infrastructure, for all types of edge environments, from city streets to factory floors, production lines .

## **Claroty**

When it comes to IoT, what people are probably most concerned about is security, and that's where Claroty wants to go. The company has raised \$ 100 million in funding on its way to becoming a leading industrial IoT security provider. But Claroty's goal is even bigger, that is to bridge the security gap between IT and operational technology. To do this, Claroty hired former Druva and former Siemens executive Thorsten Freitag to take over as CEO.



Claroty focuses on IoT security

Freitag has stated that he wants to make Claroty's data easier to use for IT departments, including asset management, security management, SIEM tools, etc.

## **Hitachi Vantara**

Hitachi Vantara is making a big bet on industrial IoT by 2020. This was demonstrated when its parent company, Hitachi, announced it would merge Hitachi Vantara with Hitachi Consulting to duplicate its Lumada solutions for Iodine.

As part of the merger, Toshiaki Tokunaga, the former leader of Hitachi, is transitioning to the position of CEO and Chairman of Hitachi Vantara, while former CEO Brian Householder moves to another executive leadership role. . This helps the company feel quite good about its ability to accelerate the adoption of IoT solutions in industrial channels right in 2020.

## **Appota**

Appota - a company operating in the field of digital entertainment technology, in the last days of 2019 announced to encroach into the IoT field with the AppotaHome project. Accordingly, AppotaHome is a project within Appota company that provides comprehensive smart solutions for homes through technological equipment.



AppotaHome's AN1 smart key is equipped with advanced security technology according to European standards

Product lines of smart locks AN1 and AS1, AM1 respectively were launched with outstanding features when controlled and controlled via applications developed by Appota. After the success of the course, Appota intends to continue to launch more other smarthome products to bring convenience to users as well as convenient IoT experiences developed by this enterprise.

The development of science and technology, the development of information technology and the explosion of IoT in the coming time will have many impacts on industries and services in Vietnam. IoT will have a great impact in the business process, operations of the business as well as personalization of user experience.

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