

Taiwan promotes technological innovation in the era of 'Industry 4.0'

In the face of increased global connectivity and growing demands for cybersecurity, Taiwan has been investing in groundbreaking long-term measures towards economic development. Sustainable high-tech society.

Building network infrastructure to connect maximum with 5G and Internet of Things (IoT)

2020 is expected to witness the explosion of 5G technology devices and services. Especially, when integrated AI, cloud platform and edge computing, this technology can be widely applied in the fields of manufacturing, transportation and medical treatment, opening up new business opportunities. . Although more or less affected by COVID-19, demand and 5G supply are expected to recover rapidly in the second half of 2020 - when the epidemic is more strictly controlled.

Owning many advantages available in the semiconductor industry as well as Information & Communication Technology (ICT), Taiwan is making every effort to support domestic enterprises to participate in the revolution. This 5G.

In particular, Edge-Core, one of the excellent brands receiving the Taiwan Excellence Award, has successfully developed large data backbone technology capable of reducing design and deployment costs through reference to demand. 5G market in the future, promoting the launch of a new mobile network service chain.



Large data backbone technology from Edge-Core with technological breakthrough helps promote the birth of a new mobile network service chain

In addition, many other products from Taiwan are also noted in the 5G service market. 5G wireless wifi router developed by D-Link Technology allows setting up a large scale network system, so that users can easily connect many IoT devices and smart home appliances. together. The wireless router from Zyxel, with the optimal combination of speed, security, and parental control, among other features, is the perfect network device for every user. family.

Catching up with market trends quickly, Taiwan Excellence will bring many new technology products at COMPUTEX Exhibition from June 2 to 6 here. In addition, Taiwan Excellence will also join businesses with Taiwan Excellence Award winners to participate in the World Conference on Information Technology (WCIT), Smart Asia Exhibition and Indonesia Infrastructure Week (IIW). in 2020.

Ensure stable development with continuous network security system

The strong growth of the Internet has also enabled many high-tech criminals to attack and steal valuable data such as commercial secrets or personal information. According to a 2018 survey by CrowdStrike, 66% of the 1,300 surveyed companies had been hacked and suffered an average of more than \$ 1.1 million in losses. In this situation, cybersecurity has gradually become an indispensable condition for the stable development of businesses and the economy.

The demand for network security services thus increases significantly. According to statistics of the Industrial Technology Research Institute (ITRI), the value of Taiwan's network security services in 2019 reached US \$ 1.6 billion, up 12.3% over the same period in 2018; in which the value of services such as network security and operational management is expected to exceed 700 million USD by 2021.



Improving the quality of network security is becoming an urgent need in the digital age

Some of Taiwan's leading cybersecurity service providers include ZYXEL and VIVOTEK. Both brands were honored at this year's Taiwan Excellence Awards.

Specifically, ZYXEL developed AiShield service - a security service designed based on cloud technology to record and store activity logs (logs). By activating AiShield, users can identify all connected devices in their system, thereby preventing the risk of phishing attacks as well as the intrusion of hackers and malware. harm.

Meanwhile, VIVOTEK launches a Network Security Management Solution using end-to-end data encryption technology. This solution provides a seamless protection shield starting from IP cameras (IT9389-HT), IP video recorders (ND9541P) to video management software (VAST 2), allowing users to respond faster to threats and risk mitigation in IP surveillance networks.



VIVOTEK and 6 networking cameras won the Taiwan Excellence 2019 award

With the aim of promoting Taiwan's information technology products in the international market, the Taiwan Excellence Pavilion will appear at Taipei Computex Exhibition, Indian Information Technology Exhibition, IFA Exhibition in Berlin, the World Conference on Information Technology (WCIT) and Indonesia Infrastructure Week (IIW), help bring breakthrough technology from "Asia's Silicon Valley" to the world.

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