

Trend Micro launches Mobile IoT Information Security Service with Chunghwa Telecom

Partnership to create complete IoT information platform network

TAIPEI, Taiwan--([BUSINESS WIRE](#))--[Trend Micro Incorporated](#) (TYO: 4704; TSE: 4704), a global leader in cybersecurity solutions, announced today that it will launch a new mobile IoT information security service with Chunghwa Telecom to provide Mobile IoT security service. This offering leverages CHT Security's real-time detection, alarms, and platform construction, Trend Micro's Virtual Network Function Suite, telecommunication-level network function virtualization (NFV) solution, and technology support, to detect suspicious connections and hacking attacks on Chunghwa Telecom's mobile network. The collaboration between the three companies will create a complete IoT information protection network to allow customers to take counteractions immediately.

Connected devices are rapidly permeating society. Smart devices are becoming a part of people's daily life, both for work and play. According to an [international IoT research report](#), There will be 55 billion IoT devices in use by 2025, up from 9 billion in 2017. As more cameras, home appliance, and sensors are connected to the internet, cyber attacks have grown. Information security is the biggest challenge facing IoT deployment.

Securing IoT on the Internet

Chunghwa Telecom stated, "It is insufficient to solely rely on enterprises to provide internal IoT information security measures as complex cyber attacks are on the rise. As it is often hard to install and update the protection systems on IoT devices, the defense line must start at the telecommunication data center, in order to effectively and efficiently provide protection."

Chin-Fu Hung, general manager at CHT Security, also commented, "Currently, the biggest threats to IoT security are the consequences of information leaks, privacy intrusion, and DDoS attacks. More importantly, if targeted attacks were focused on critical infrastructure systems or automated transportation, human safety would be at risk. In addition to having IoT device manufacturers' safety in mind telecommunication companies must also provide safe IoT network connections. By combining the CHT Security network with Trend Micro's Virtual Network Solution Suite at ChungHwa Telecom mobile data center, this service can detect hacking activities and malicious connections in real time and notify users to take protective measures and strengthen client information safety."

Oscar Chang, executive vice president of research development for Trend Micro, said, "The number of network devices in the modern enterprise are rapidly increasing and diversifying in the IoT era. From smart watches to smart cars, they all rely on the exchange of IoT data, increasing the risk of users being attacked. As a member of CHT Pilot Team of the Taiwan 5G Alliance, Trend Micro expects to play an integral role in the larger IoT security landscape and is excited to collaborate with ChungHwa Telecom to provide the Virtual Network Solution Suite to satisfy NFV's rapid-changing operation needs."

For more information on Trend Micro's Virtual Network Function Suite: <https://www.trendmicro.com/us/iot-security/Solutions/Virtual-Network-Function-Suite>

About Trend Micro

Trend Micro Incorporated, a global leader in cybersecurity solutions, helps to make the world safe for exchanging digital information. Our innovative solutions for consumers, businesses, and governments provide

layered security for data centers, cloud environments, networks, and endpoints. All our products work together to seamlessly share threat intelligence and provide a connected threat defense with centralized visibility and control, enabling better, faster protection. With more than 6,000 employees in over 50 countries and the world's most advanced global threat intelligence, Trend Micro enables organizations to secure their journey to the cloud. For more information, visit www.trendmicro.com.

About Chunghwa Telecom

Chunghwa Telecom (TAIEX 2412, NYSE: CHT) is Taiwan's largest integrated telecommunications services company that provides fixed-line, mobile, broadband, and internet services. The Company also provides information and communication technology services to corporate customers and is expanding its cloud computing services and IoT smart platform solutions. In recent years, Chunghwa has been actively involved in corporate social responsibility and has won domestic and international awards and recognition. For more information, please visit the Company's website at www.cht.com.tw.

About CHT Security

Founded in 2017, CHT Security is a subsidiary company of Chunghwa Telecom, the largest ISP and one of the largest ICT providers in Taiwan. Based on years of experiences in cyber defense practices, CHT Security is the leading cybersecurity solution provider in Taiwan, specializing in cutting edge managed security services, NDR/EDR services, technical consulting and digital identity technology and has already won several international certifications and prestigious awards worldwide. For more information, please visit www.chtsecurity.com.

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