

NEWS RELEASE

April 25th, 2019

VDOO Connected Trust Ltd.

Macnica Networks Corp.

NTT Advanced Technology Corp.

NTT DOCOMO Ventures, Inc.

VDOO, Macnica Networks, and NTT-AT form alliances in the IoT security field
- Streamline inspection with an automated approach to security analysis through cloud services -

VDOO Connected Trust Ltd. (hereinafter referred to as "VDOO", Headquarters: Israel, CEO: Netanel (Nati) Davidi), Macnica Networks Corporation (hereinafter: Macnica Networks, Headquarters: Yokohama City, Kanagawa Prefecture, President and CEO: Toru Ikeda), and NTT Advanced Technology Corporation (hereinafter referred to as "NTT-AT", Headquarters: Kawasaki City, Kanagawa Prefecture, President and CEO: George Kimura) are announcing that we will work together to provide new IoT security diagnostic services in response to the rapidly increasing cyber-attacks on IoT devices. To further of this alliance, NTT DOCOMO Ventures, incorporated. (hereinafter referred to as "NDV", Headquarters: Minato ward, Tokyo Metropolitan, President and CEO: Takayuki Inagawa) invested in VDOO.

■ Background and aims of collaboration

The IoT, which is referred to as the "Internet of Things", has a variety of business possibilities. On the other hand, in regard to so-called IoT, such as homes, automobiles, home appliances, surveillance cameras, and various sensors, people tend to have no strong sense of being connected to the internet, thus are unaware of security issues. Furthermore, IoT devices are becoming increasingly popular worldwide, and is expected to continuously grow.

At the same time, there has been reports of many examples of cyber-attacks targeting IoT devices in recent years, and the importance of ensuring security in IoT is increasing.

Under these circumstances, VDOO, Macnica Networks and NTT-AT have decided to provide a new IoT security diagnosis service in order to contribute to the reduction of security risks of IoT devices and to resolve the shortage of security personnel in each company by utilizing the strength each allied company holds.

■ Role of each company

VDOO provides the IoT firmware security automated analysis platform "VDOO Vision" developed by the company, Macnica Networks creates a platform environment for "VDOO Vision" in Japan, and NTT-AT provides IoT security diagnosis services related to vulnerability and

security requirements using this platform. In addition, NDV will invest in VDOO along with this alliance and promote the alliance with NTT-AT and NTT Group.

■ Feature of service

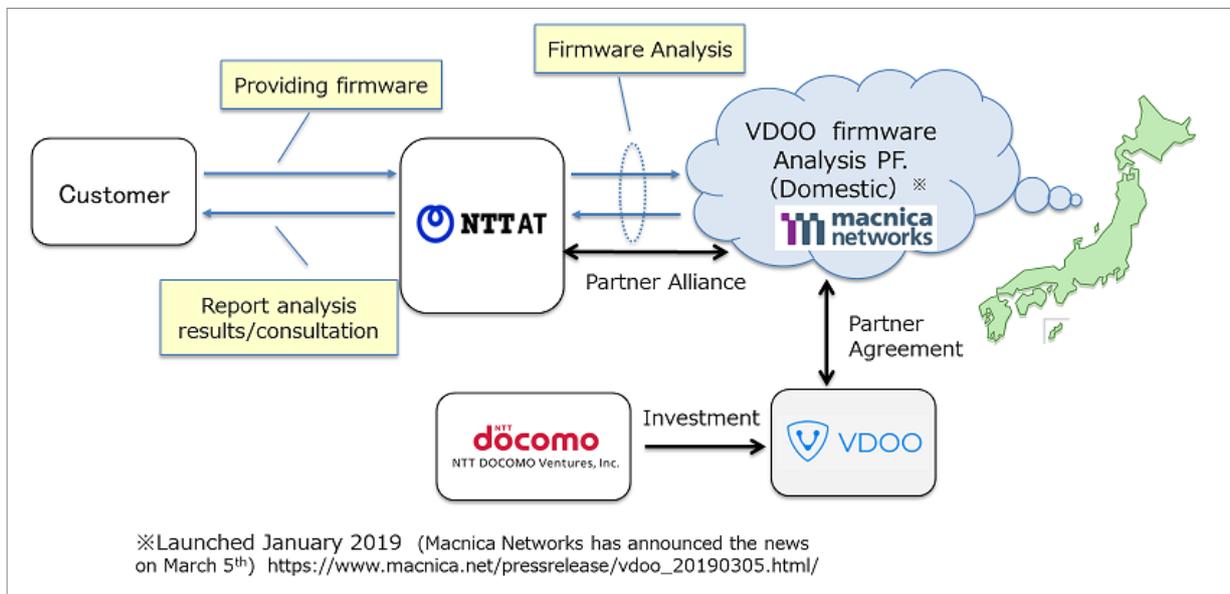
The Automated Analysis Platform "VDOO Vision" for proper security measures for IoT devices has the following characteristics:

- ① Rapid firmware analysis with automated analysis tools.
- ② Easy to understand analysis report.
- ③ Address unknown vulnerabilities (zero-day attack).

Firmware analysis results include discovered components, adaptation status for the IoT security standards (security standards and guideline around the world), and underlying known information such as vulnerabilities. It also provides an alteration guidance corresponding to the requirements of each IoT security standard by severity for each discovered adaptation requirement.

By using the firmware analysis platform which Macnica Networks has built within Japan, firmware will not be brought outside of Japan, thus technology export control procedures will be unnecessary.

In addition, NTT-AT will provide security related executive summary as well as consultation and diagnostics reflecting the circumstances of each customer prepared by the diagnostic consultants based on the results of the firmware analysis. This makes it possible to take appropriate measures with high cost effectiveness.



【IoT device security diagnosis service image】

■ Service Launch Date

Launched immediately after the release. Please contact NTT-AT.

■Price

Individual Quotation.

■Future development

Our goal is to establish an industry standard I IoT security by striving to expand sales of this service, particularly for small and medium-sized companies and NTT group companies. We will also proceed with alliance of the products used in combination with VDOO Vision such as VDOO ERA, IoT security solution which VDOO holds.

【VDOO Connected Trust Ltd. Company Profile】

<https://www.vdoo.com/>

VDOO Connected Trust Ltd. was founded in 2017 and is a pioneer in the embedded systems field, providing end-to-end solutions for security automation, authentication, and protection. The company's founders include a background in endpoint security startups acquired by Palo Alto Networks.

【Macnica Networks Corp. Company Profile】

<https://www.macnica.net/english/>

Macnica Networks Corp. is a technology trading company, allied with various global corporations that provides network devices and software with leading-edge technologies, and has high adaptation rate in numerous customers including civil services, educational institutions, and corporations by their extensive product lineup and full service covering product implementation and operations and maintenance support.

【NTT Advanced Technology Corp. Company Profile】

<http://www.ntt-at.com/>

Since its founding in 1976, NTT Advanced Technology Corp., as the technical core company of the NTT Group, has incorporated not only NTT Laboratories' diverse leading-edge technologies, such as network technology, media processing technology, Japanese language processing technology, environmental technology, optical devices, and Nano device technology, but also leading-edge technologies from both within Japan and abroad, and has integrated them to solve customer problems and provide value to customers.

【NTT DOCOMO Ventures, Inc. Company Profile】

<https://www.nttdocomo-v.com/en/>

NTT DOCOMO Ventures, Inc. is engaged in the operation of a corporate venture fund that invests

in venture companies, the promotion of cooperation and the operation of an entrepreneur support program "DOCOMO Innovation Village", and the promotion of proactive business development that is in organic cooperation with these activities.

【Contact Information】

【For all media inquiries】	【For general inquiries】
Macnica Networks Corp. Press Representative: Isozaki Tel: +81-45-476-2010 E-mail: press@cs.macnica.net	Macnica Networks Corp. Press Representative: Isozaki Tel: +81-45-476-2010 E-mail: press@cs.macnica.net
NTT Advanced Technology Corp. Business Strategy Management Department Corporate Communications Section Kato, Sugai Tel : +81-44-280-8823 E-mail: inquiry@ml.ntt-at.co.jp	NTT Advanced Technology Corp. Security Business Headquarters Nishiya, Akiba Tel: +81-44-589-6576
NTT DOCOMO Ventures, Inc. E-mail: info@nttdocomo-v.com	NTT DOCOMO Ventures, Inc. E-mail: info@nttdocomo-v.com