**PRESS RELEASE**

**NanoLock Security and Adesto® Collaborate to Deliver Powerful Flash-to-Cloud Security for IoT Devices**

*Companies join to bring a powerful device level protection that helps secure the most vulnerable IoT and edge devices, in markets such as industrial and utilities, from outsiders, insiders, and supply chain attacks.*

**Nitzanei Oz, Israel – February 19, 2020 –** [NanoLock Security](https://www.nanolocksecurity.com/), the market leader of flash-to-cloud protection for IoT and connected edge devices, announced it is joining with [Adesto Technologies Corp.](https://www.adestotech.com/) (NASDAQ: IOTS) to collaborate on flash-based embedded security and management solutions for low-density flash memory devices used in products such as smart meters, sensors and controllers in smart energy, water utilities, industrial facilities and more.

The Adesto and NanoLock solution provides a hardware root-of-trust in the device’s flash memory that blocks unauthorized modifications to prevent persistent control of the device. The control of flash updates is moved from the vulnerable remote edge device to a trusted entity in the utility data center, ensuring that only validated commands and updates will modify the flash. In addition, the hardware root-of-trust provides reliable and valuable data such as attack alerts, status reports, and detailed forensic data.

The solution is particularly important for critical infrastructure, where threats can come from various attack sources, e.g., outsider attacks (such as state-level attackers), insider attacks, and off-shore supply chain attacks. To keep infrastructure safe, it is crucial that remote connected devices, such as smart meters, are protected throughout their entire lifecycle from production line to end-of-life.

NanoLock’s technology protects connected edge devices from the moment they are created on a factory floor by prohibiting malicious code from being written into the flash and provides protection and monitoring throughout the device’s entire lifecycle. This approach is both processor- and operating system-agnostic and requires virtually zero system processing power, which is critical for power-sensitive IoT devices.

“The addition of NanoLock’s flash-to-cloud security and management technology to our flash memory devices can provide robust, device-level defense and trustworthy management for a wide range of low-density IoT devices from smart meters to door locks,” said Graham Loveridge, VP marketing, semiconductor products, Adesto. “Traditionally, providing this level of security in low-density flash devices has been a challenge. We’re excited to team with NanoLock to show that we can provide it at an attractive price point.”

“NanoLock’s patented technology alongside Adesto’s novel flash technology delivers an important additional layer of protection and monitoring for utilities and industrial companies,” said Eran Fine, NanoLock CEO. “Through our alliance with Adesto, we are able to seamlessly secure a variety of IoT devices, such as smart meters, controllers and sensors, to bring new levels of protection and control to connected infrastructure.”

**About NanoLock Security**NanoLock Security protects IoT and connected edge devices against persistent cyberattacks by insiders, outsiders and supply chain attackers. NanoLock provides a device-level, Security by Design solution with powerful flash-to-cloud defense that secures the entire chain of device vulnerability--from deeply embedded endpoints in the device, to the cloud-- with no additional device costs and zero computing power. NanoLock’s patented technology is securing a root-of-trust in the flash memory from leading memory vendors¸ disrupting edge device security with ironclad protection¸ secured firmware updates¸ reliable device-level alerts and a unique cost structure that shifts security investments from CAPEX to OPEX. NanoLock’s robust protection and device-level control is crucial to the success of industries like telecom, smart cities¸ utilities¸ industrial, automotive and more. NanoLock Security is the 2019 winner of the prestigious “4YFN Barcelona Startup of the Year” award.

NanoLock’s founding team and senior management is made up of veterans from the cybersecurity domain, representing a wealth of deep knowledge about management and security of next generation edge devices. NanoLock has offices in the United States, Israel and Japan.

Please visit [www.nanolocksecurity.com](http://www.nanolocksecurity.com/) for more information and follow NanoLock on [Twitter](https://twitter.com/NanoLockSec) and [LinkedIn](https://www.linkedin.com/company/nanolock-security-israel-ltd/).

**About Adesto**Adesto Technologies Corporation (NASDAQ:IOTS) is a leading provider of innovative application-specific semiconductors and embedded systems for the IoT. The company’s technology is used by more than 5,000 customers worldwide who are creating differentiated solutions across industrial, consumer, medical and communications markets. With its growing portfolio of high-value technologies, Adesto is helping its customers usher in the era of the Internet of Things. See: [www.adestotech.com](http://www.adestotech.com).

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