



Trust Automation and Cynash Partner on Industrial Cybersecurity Solutions

New cybersecurity platform integrates advanced sensing and analytics technologies

November 28, 2018 (San Luis Obispo, CA and McLean, VA)— Trust Automation Inc., a supplier of automation technology for defense and industrial applications, has partnered with Cynash Inc. to develop a next-generation cybersecurity platform that can detect and mitigate cyberattacks on the industrial control systems that run critical energy, water, transportation and industrial infrastructure.

The platform builds upon Cynash's SerialTap™, a patented hardware sensor that passively monitors the serial communications used by the majority of the world's industrial control systems. SerialTap™ can now pass the monitored network traffic to Trust's Autonomic Intelligent Cyber Sensor (AICS), a machine learning system that employs autonomic computing techniques, fuzzy-logic algorithms and a service-oriented architecture to identify and counter malicious network traffic in real time.

Both of these cybersecurity technologies have separately won prestigious R&D 100 Awards—SerialTap™ in 2017 and AICS for 2018.

"SerialTap™ and AICS already provide independent solutions to intractable cybersecurity challenges that affect legacy industrial control systems. The integration of these two technologies now lets us solve more extensive security challenges by applying advanced techniques in anomaly detection and behavioral analysis," says Richard Robinson, president and CEO of Cynash.

"Industrial cybersecurity is a complex undertaking that will increasingly require a number of complementary sensing and computing technologies to work together seamlessly," says Ty Safreno, Trust Automation CEO and CTO. "We're excited to add AICS to Cynash's growing cybersecurity suite."

SerialTap™ and AICS both started as applied research and development efforts by the United States Department of Energy's National Laboratories. The commercialization of these two technologies is a direct result of the Transition-to-Practice (TTP) Program, a lab-to-market initiative run by Dr. Nadia Carlsten at the Department of Homeland Security (DHS). The program identifies emerging technologies that have critical national security applications and facilitates collaborations between industry and the investment community to develop new ventures that accelerate the commercial development and adoption of these technologies.

For more information, visit www.trustautomation.com/cybersecurity and www.cynash.com.

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TRUST AUTOMATION PRESS CONTACT

Dave Rennie

E: dave.ennie@trustautomation.com

P: 805-544-0761

CYNASH PRESS CONTACT

Richard Robinson

E: richard@cynash.com

P: 571-458-7762

ABOUT TRUST AUTOMATION

For more than 25 years, Trust Automation has designed, developed and manufactured custom and standard automation, control and power management systems for the defense, semiconductor, industrial automation, green technology and medical industries. Trust's product line includes linear and digital drives, high performance servo motors, standalone motion controllers, custom assemblies, engineering services and custom battery management systems. Trust Automation is an ISO 9001:2015-certified, Women-Owned Small Business (WOSB).

ABOUT CYNASH

Cynash delivers nature-inspired cybersecurity technologies to protect critical energy, transportation, wastewater and industrial control infrastructure. The company's patented cybersecurity technologies build upon decades of applied research in machine learning, data analytics, high-performance computing and scalable infrastructure protection.