

## **HTS Image Processing Machine Learning for Vehicle Recognition Achieves 97% Accuracy in Critical Homeland Security Project**

**Salt Lake City – September 5, 2018** – HTS, a Teamtronics Company and leader in image processing-based solutions has announced that its Vehicle Recognition System (VRS) Units have been implemented in a critical “Safe District” program as part of a major Homeland Security project. HTS won the project based on its performance exceeding tough customer requirements. The HTS Vehicle Recognition Solutions (VRS) monitor locations on a 24/7 basis and automatically detect, identify and record license plate numbers, car manufacturer, model and color, thereby enabling the system to report black listed vehicles on a real-time basis.

Inspired by research into time-critical “friend or foe” decision making processes, HTS-VRS’s patented algorithms are based on a combination of cognitive science and machine learning (Artificial Intelligence) based pattern recognition arbitrated through a multilayered decision process which offers both speed *and* accuracy.

With thousands of installations in more than 17 countries, HTS-VRS’s groundbreaking solutions are trusted by the most demanding and discerning customers including: the Brookhaven National Laboratory for access control, Boston’s Logan Airport for increased throughput during pre-flight applications, the U.S. Department of Transportation readers at the US/Mexico border crossing, as well as many Las Vegas Hotels for automatic parking charge processing. HTS-VRS also installed specialty recognition equipment in sensitive zones in the Middle East for government security clients. This technology can also be implemented for autonomous vehicle command and control applications.

Shai Lustgarten, CEO of HTS, commented, “This critical project ordered by one of the most demanding customers in the world proves again that our solutions provide superior accuracy in a district that cannot tolerate mistakes. The global market for Automatic Number Plate and Vehicle Recognition (ANPR) systems is expected to grow from \$1.97 billion in 2016 to \$4.25 billion in 2023. Providing superior accuracy, HTS-VRS’s solution positions us as a strong contender to capture a meaningful share of this growing market. Our strong team of reputable scientists and experienced engineers are focused on further developments for new verticals, including cutting edge solutions for logistics management, supply chain and others which we believe will revolutionize the market and accelerate growth and profitability.”

### **About Teamtronics and HTS**

Teamtronics Inc. ([www.teamtronicsinc.com](http://www.teamtronicsinc.com)) based in Salt Lake City UT, manufactures and sells ruggedized computers and other electronics products that can stand extreme environmental conditions. Teamtronics management team has a proven track record of growing successful technology companies in the US and Israel.

HTS is a subsidiary of Teamtronics. HTS sets the standard as a world leader in image processing based solutions, delivering value added vehicle data and revenue control, automation and security applications. Driven by ever-increasing needs for automation

and security, our products serve as core technology enablers for automation of parking revenue and control systems, traffic management, as well as for security, access control and other logistics systems. Our LPR/ANPR based systems provide customers with the ability to monitor and control their operations, improve productivity and enhance security by providing real-time data solutions. The rich sets of products and services allow our customers to improve their operational efficiency with a measurable and sustainable return on investment.

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