TechnoAware IP Video Analytics Software certifies Advantech In-Vehicle & Ruggedized NVR

May 13, 2016, Eindhoven—Advantech, a global leader in the embedded system market, announced it has ARK-V&S series (In-Vehicle & Ruggedized NVR and mobile computing) certified for TechnoAware video analysis and ambient intelligence solutions. The hardware has been tested to ensure that customers can get surveillance analytics solutions up and running timely. This with hardware and software that has been pre-tested and verified to work with TechnoAware VTrack products. Advantech ARK-V&S certified by TechnoAware allows businesses to implement systems more efficiently in the field of intrusion, Gateflow, AreaCounting, OccupancyRate, HotZones, LeftObject, StolenObject, Counting, AvSpeed, LPR or any other need of video analytics.

TechnoAware VTrack technology is the Video Analytics platform created by TechnoAware for the development of automatic video surveillance products and solutions. Using standard video cameras and PC architectures, VTrack technology enables to detect, track and classify subjects (individuals, vehicles, objects, ...) or events of interest, [applicable] for different kinds of solutions.

Partnering to Accelerate Deployment of Video Analysis Solutions
An Advantech ARK-V based on core i5 and an ARK-S series NVR/mobile computing model also using core i5 CPU, have been heavily tested and have now been certified by TechnoAware.

“We have noticed an increasing focus for in-vehicle and ruggedized computing on the vertical markets in surveillance and security. It pleases us to be able to offer pre-tested devices validated through TechnoAware. This will stimulate the start of customers’ surveillance and video analytics projects,” said Advantech Embedded Computing Product Sales Manager Jeroen Baerents.

TechnoAware expressed confidence in the deployment of surveillance analytics solutions. Simone de Titta, TechnoAware Global Sales Manager adds: “We see an increasing need for ruggedized and In-Vehicle solutions from our customers and are proud to release the news of our solid solutions that will make a difference in both robust circumstances as well as in-vehicle environments. Our customers will be able to jumpstart their surveillance analytics projects with our offering.”

**Certified In-Vehicle and Ruggedized computing solutions are cost- & time efficient**

Choosing and integrating the right set of devices and software for surveillance projects are complex. Moreover, they take time to be implemented. A significant advantage by choosing an Advantech NVR that is certified by TechnoAware is knowing in advance that Advantech’s offering will work with the TechnoAware VTrack offering. Customers will be able to save time and efforts in researching on project specs and RFP processes, knowing that the NVR devices and software platforms have been tested for readiness, compatibility and usability.

**Advantech In-Vehicle and Ruggedized computing list Certified by TechnoAware**

**ARK-2151V**
- E-13 certified, ready for in-vehicle use with intelligent vehicle power ignition management
- High computing power for video analysis such as facial recognition
- GPS & 3G connectivity enable flexible fleet management strategies

**ARK-2151S**
• Rugged, high-reliability design for wide-temp environments (-20 °C ~ 60 °C)
• Rich I/O for traffic signal control and roadside surveillance
• 4 x PoE ports support 3-megapixel recording at 30 FPS with H.264 codec

For more information about the Advantech In-Vehicle and Ruggedized computing solutions, please contact your local sales office, or visit us on the web at:

About TechnoAware
TechnoAware produces technologies and solutions for ambient intelligence. Established in 2003, TechnoAware stems from the experience and expertise of the University of Genoa's ISIP40 Research Group, since more than 25 years one of the foremost video analysis and ambient intelligence international scientific community expert.
Website: http://www.technoaware.com/eng/

About Embedded Core Service
Advantech Embedded Core Services offers design-in oriented services. These streamlined solutions broadly integrate embedded boards, peripheral modules and software. This dedicated focus on Embedded Design-in services fulfills electronic engineering demands at their design-in phase, and brings benefits that shorten the design and integration cycle, minimizing uncertainty and risk.
Website: www.advantech.eu/EmbCore

About Advantech
Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. We cooperate closely with our partners to help provide complete solutions for a wide array of applications across a diverse range of industries. Our mission is to enable an intelligent planet with Automation and Embedded Computing products and solutions that empower the development of smarter working and living. With Advantech, there is no limit to the applications and innovations our products make possible. (Corporate Website: www.advantech.eu).