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**Advantech and Ingeteam Join Forces to Provide Automation Computers for Smart Grid Integration**

***August, 2010*** – Advantech and Ingeteam, two worldwide leading Industrial Automation providers, have recently entered into a cooperative endeavor to combine Advantech’s renowned UNO-2173A and UNO-2173AF Embedded Automation Computers with Ingeteam’s customized software to create advanced industrial computers for use in Smart Grids around the world. These devices offer a wide range of features to convert Power & Energy protocols and profiles and provide online monitoring options to optimize commissioning and maintenance tasks as well.

Today’s Power & Energy applications need to support a growing range of new standards such as IEC 61850, IEC-60870-5-101/104, DNP3 and more for secure integration of local subsystems and remote monitoring stations within different control centers. This is required to optimize the performance of remote control, supervision and maintenance tasks.

Supported protocols of these devices include:

* OPC DA & OPC XML Data Client and Server
* IEC 61850 Client and Server
* IEC 61400-25 Client and Server
* IEC 60870-5- 101/104 -102 Master and Slave
* DNP 3.0 Master and Slave
* Modbus ASCII-RTU/ TCP Master and Slave
* Other protocols that may be performed using an OPC Client/Server

Advantech’s fanless Embedded Automation PCs provide a reliable platform to fulfill the IEC-61850 standards. The first range of products supporting the gateway configuration tool is the Atom based UNO-2173A series. These models are also compatible with Windows 7, have passed Energy Star certification, include IP40 anti-dust protection and feature a wide operating temperature (-20 ~ 70° C), providing high performance with low power consumption. UNO-2173A features a compact size and single-side I/O for space-limited applications while UNO-2173AF adds multi-media functions with high definition 5.1 audio and video (LVDS).

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**About Advantech –**Founded in 1983, Advantech delivers visionary and trustworthy industrial computing solutions that empower businesses. Advantech is a Premier Member of the Intel® Embedded and Communications Alliance, a community of embedded and communications developers and solution providers. We cooperate closely with solution partners to provide complete solutions for a wide array of applications in diverse industries, offering products and solutions in three business categories: Industrial Automation, Embedded ePlatform and eServices & Applied Computing. With more than 3,600 dedicated employees, Advantech operates an extensive support, sales and marketing network in 18 countries and 39 major cities to deliver fast time-to-market services to our worldwide customers. (Corporate Website: www.advantech.com).

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