



News Release

**FOR IMMEDIATE RELEASE**

**BTU Picks Up Three EM Asia  
Innovation Awards at NEPCON China**

NORTH BILLERICA, Mass., April 2018 — BTU International, Inc., a leading supplier of advanced thermal processing equipment for the electronics manufacturing market, announces that it was awarded three 2018 EM Asia Innovation Awards during NEPCON China. The awards were presented to the company for its PYRAMAX™ Vacuum reflow oven, TrueFlat technology and Profile Guardian during an April 25, 2018 ceremony at the Shanghai World Expo Exhibition & Convention Center in China.

BTU won in the category of Soldering Systems – Volume Soldering Systems (Reflow Soldering Equipment) for its PYRAMAX Vacuum reflow oven. The new oven has been designed around the requirements of large EMS/high-volume automotive customers. The unit is configured with 10 zones of closed-loop convection heating and a maximum production width of 18". Nitrogen atmosphere capable, the PYRAMAX Vacuum reflow oven offers a maximum process temperature of 350° C.

The company also was awarded for the TrueFlat technology in the Soldering – Auxiliary category. Designed for very thin substrates of 0.15 to 0.30mm, TrueFlat technology ends die tilt. The result is consistent and repeatable flatness, and superior

thermal uniformity due to the PYRAMAX's closed-loop convection heating. The new PYRAMAX with TrueFlat technology does not impact reflow oven footprint, making it easy to transition from existing reflow processes.



Thirdly, BTU won in the Software – Process Control category for its Profile Guardian. The software pairs

a thermocouple probe at product height with software to monitor temperature deviation from baseline –fully independent from control TCs. The redundant process monitor is aware of oven state (recipe change, energy savings modes, etc.), and

monitor data can be included in host communications (MES) from the oven. Additionally, it provides board level traceability when paired with bar code readers, which is a requirement for many large OEM/EMS customers.

“2017 was a big year for PYRAMAX,” said Peter Tallian, general manager for BTU International. “Our customers presented us with a number of process challenges and our team, using the foundation of PYRAMAX performance, was able to bring technology to bear to alleviate those problems. The seed of these wins was really listening to the customers’ need and then acting on it in a focused manner.”

Established in 2006, the EM Asia Innovation Awards program strives to recognize and celebrate excellence in the Asian electronics industry, inspiring companies to achieve the highest standards and push the industry forward.

For more information about BTU International, visit [www.btu.com](http://www.btu.com).

#### **About BTU International**

BTU International, a wholly-owned subsidiary of Amtech Group (Nasdaq: ASYS), is a global supplier and technology leader of advanced thermal processing equipment in the electronics manufacturing market. BTU’s high-performance reflow ovens are used in the production of SMT printed circuit board assemblies and in semiconductor packaging processes. BTU also specializes in precision controlled, high-temperature belt furnaces for a wide range of custom applications, such as brazing, direct bond copper (DBC), diffusion, sintering and advanced solar cell processing. BTU has operations in North Billerica, Massachusetts, and Shanghai, China, with direct sales and service in the U.S.A., Asia and Europe. Information about BTU International is available at [www.btu.com](http://www.btu.com).

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