

Smarter Solutions, Global Reach.

Advantech Wireless recognized with the 2014 North American Frost & Sullivan Award for New Product Innovation Leadership

MONTREAL, CANADA, September 11, 2014 – Based on its recent analysis of the gallium nitride (GaN)-based devices market, Frost & Sullivan recognizes Advantech Wireless with the 2014 North American Frost & Sullivan Award for New Product Innovation Leadership.

Each year, Frost & Sullivan presents this award to the company that has developed an innovative element in a product by leveraging leading-edge technologies. The award recognizes the value-added features/benefits of the product and the increased ROI it offers customers, which, in turn, increases customer acquisition and overall market penetration potential.

“Advantech Wireless noted that the introduction of GaN High Electron Mobility Transistors (HEMTs) in early 2000 left an undeniable mark on the satellite communication landscape,” said Frost & Sullivan Research Analyst Mike Valenti. “Therefore, the company launched its ambitious R&D program in 2006 to design and manufacture a complete line of C-, X-, and Ku-band SSPAs that could meet the most demanding satellite communication applications.”

Cristi Damian, VP Business Development at Advantech Wireless, mentioned, “GaN-based SSPAs are changing the entire SATCOM landscape by allowing new, sophisticated applications. They are ideal for mobile uplinks where small size, weight and energy consumption are critical, or for very large teleports, where the amount of RF power they can offer exceeds any other available technology.”

The capabilities of Advantech Wireless’s GaN technology-based SSPAs facilitate cost-efficient, energy-saving communications connectivity by enabling the replacement of multiple antennas and up to hundreds of TWTs/Klystrons. By achieving superior power and linearity performance, Advantech Wireless SapphireBlu™ Series of UltraLinear™ GaN technology-based SSPAs can completely saturate all transponders on any satellite using a single antenna and a single solid-state power amplifier per polarization.

“Advantech Wireless develops solutions that balance satellite spectral efficiency to provide the smallest occupied bandwidth at enhanced link availability,” noted Valenti. “This results in capital and operating cost-savings that can be passed along to the customer.”

About Frost & Sullivan

Frost & Sullivan, the Growth Partnership Company, works in collaboration with clients to leverage visionary innovation that addresses the global challenges and related growth opportunities that will make or break today's market participants.

Our “Growth Partnership” supports clients by addressing these opportunities and incorporating two key elements driving visionary innovation: The Integrated Value Proposition and The Partnership Infrastructure.

- The Integrated Value Proposition provides support to our clients throughout all phases of their journey to visionary innovation, including: research, analysis, strategy, vision, innovation and implementation.
- The Partnership Infrastructure is entirely unique as it constructs the foundation upon which visionary innovation becomes possible. This includes our 360 degree research, comprehensive industry coverage, career best practices as well as our global footprint of more than 40 offices.

About Advantech Wireless

Reliable communication is essential to global commerce and security. Advantech Wireless makes it possible by designing smarter solutions to help people connect and businesses succeed. With our customized approach, award-winning R&D and innovative engineering, we provide the industry’s most advanced technologies, with the most economical total cost of ownership. We



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empower our clients to achieve excellence in communication, while experiencing reduced CAPEX and OPEX overall. Ultimately, our uncompromising quality and bolder thinking enable us to provide clients around the globe with smarter terrestrial and satellite communication solutions. For further information, please visit the company's website at: <http://www.advantechwireless.com/news/>

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