



PRESS RELEASE:

Orbotech's SPTS Technologies Collaborates with Novati Technologies to Establish New Plasma Dicing Line

SPTS's Rapier-300S Plasma Dicing Solution to Bolster Novati's Foundry Services at Texas Fab

NEWPORT, UK, September 7, 2016 | SPTS Technologies, an Orbotech company and a supplier of advanced wafer-processing solutions for the global semiconductor and related industries, today announced its collaboration with Novati Technologies, a leading global nanotechnology development center, to establish Novati's new plasma dicing line at their state-of-the-art fab in Austin, Texas. Novati has selected SPTS's Rapier-300S plasma dicing solution over competing options to provide next-generation plasma dicing capabilities and services for customers.

"Plasma dicing has many advantages over conventional singulation methods and offers designers and manufacturers greater flexibility with regards to die shape, size and position," stated Kevin Crofton, President of SPTS Technologies and Corporate Vice President at Orbotech. "The Rapier-300S is the latest addition to our Mosaic™ plasma dicing platform which includes wafer handling solutions for 150mm, 200mm and 300mm wafers, both full thickness and taped to dicing frames. Novati selected the Rapier-300S to provide their customers with the latest dicing technology to complement their advanced semiconductor fabrication solutions and services."

"Novati provides customers with technology building blocks, engineering expertise, professional program management and a broad complement of flexible processing equipment that enable the accelerated development of 200mm and 300mm production-worthy solutions," stated John Behnke, President of Novati Technologies. "In order to remain at the forefront of novel process development, we must provide our foundry customers with the latest process solutions capable of manufacturing next generation devices."

SPTS's Mosaic™ plasma dicing system with the Rapier-300S overcomes many of the design limitations of conventional dicing methods, particularly for smaller, thinner, more fragile die, as well as offering the potential for significant increases in yield and throughput. By leveraging SPTS's extensive expertise and experience in deep silicon etch which serves as the basis of Rapier-300S plasma dicing technology, customers are able to support the development of innovative More-than-Moore solutions.

To learn more about SPTS's Rapier-300S and Mosaic plasma dicing platform and the benefits of [Plasma Dicing for Next Generation Ultra Small and Ultra Thin Die, register now for a free webinar on Wed](#)

[14th Sept, 2016](#), with presentations from Amandine Pizzagalli, Analyst at Yole Developpment, and Richard Barnett from SPTS Technologies. You can also read the SPTS Plasma Dicing Tech Insight articles for [dice before grind \(DBG\)](#) and [dice after grind \(DAG\)](#), available on the SPTS website.

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About Novati

Novati Technologies is the leading innovation partner for accelerating nanotechnology development and commercialization. Novati's proven advanced technology and secure IP infrastructure combined with its Technology Development Process supports companies developing MEMS, microfluidics, novel transistors, photonics and other nanotechnologies for the Semiconductor, Healthcare & Life Sciences and Aerospace & Defence markets.
<http://www.Novati-Tech.com>

About Orbotech Ltd.

Orbotech Ltd. (NASDAQ:ORBK) is a global innovator of enabling technologies used in the manufacture of the world's most sophisticated consumer and industrial products throughout the electronics and adjacent industries. The Company is a leading provider of yield enhancement, and production solutions for electronics reading, writing and connecting, used by manufacturers of printed circuit boards, flat panel displays, advanced packaging, micro-electro-mechanical systems(MEMS), LED, high speed RF on GaAs, power management device and other electronic components. Today, virtually every electronic device in the world is produced using Orbotech systems. For more information, visit www.orbotech.com and www.spts.com

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