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## PRESS RELEASE

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### Asterion EV Wire Bonder Enables Steatite to Reduce Time Taken to Make Electrical Interconnects in Custom Battery Packs by up to 50%

**Andover, United Kingdom** – Inseto, a leading technical distributor of equipment and materials, has supplied and installed a Kulicke & Soffa (K&S) Asterion EV wedge bonder at Steatite’s Power Business Unit. Steatite specialises in the creation of custom battery packs, which often need to be of a particular size and shape, and the company has been designing and manufacturing lithium battery packs, COTS battery modules, and portable power and energy storage systems for more than 30 years.

The Asterion EV gives Steatite the ability to establish electrical connections using wire bonding in up to half the time spot welding would take, in many cases. In addition, wire bonding makes possible the creation of battery packs with high discharge capabilities and improved performance, as a result of the very low resistance of the bond wire.

*“Wirebonding complements our other manufacturing capabilities,” comments Dave Carlton, Head of Technical Sales at Steatite’s Power Business Unit, “and the Asterion EV was selected for its large bondable area [300 x 860mm], high resolution [0.1µ] and its ability to perform non-destructive bond wire pull tests whilst bonding. Also, the support from Inseto – from their recommendation of the Asterion EV through to operator training – has been excellent.”*

Carlton goes on to say that power failure is not an option in many of the critical applications for which Steatite designs and manufactures battery packs. Steatite battery packs can, for example, be found in

products and equipment used in medical, industrial, oceanographic, energy and transport applications.

*“With the Asterion EV we have the peace of mind that every cell leaving our factory having been wire bonded is safe, reliable and robust,” concludes Carlton. “This is enabling us to maintain our reputation for battery pack performance quality, a reputation we’ve secured over decades in the power business.”*

## MAIN ENDS



*Above, the Asterion EV wedge bonder in situ within Steatite’s Power Business Unit.*

## NOTES TO EDITORS

This press release was issued on behalf of Inseto (UK) Limited by technical content creation and communications agency DECLARATION ([www.declaration.co.uk](http://www.declaration.co.uk), +44 (0)1522 789000).

If you have any editorial enquiries in relation to this announcement, please contact Mandy Warrilow, Press Officer, [mandy@declaration.co.uk](mailto:mandy@declaration.co.uk). Please contact Richard Warrilow, Technical Author, [richard@declaration.co.uk](mailto:richard@declaration.co.uk), if you require an article or any other form of editorial in relation to this press release.

Please contact Matt Brown on +44 (0)1264 334505 or via email ([matt.brown@inseto.co.uk](mailto:matt.brown@inseto.co.uk)) in relation to all advertising and sponsorship matters.

### **About Inseto (UK) Limited**

Established in 1987 and ISO 9001:2015 Certified since 2005, Inseto is a leading technical distributor of equipment and related materials to the semiconductor, microelectronic & advanced technology sectors, as well as adhesives for electronics, automotive and industrial manufacturing.

The company has three divisions, namely:

- **Equipment Division**, which provides manufacturing equipment for the Microelectronic, Photonic, Electronic, Photovoltaic and Semiconductor industries etc.
- **Consumable Division**, which provides assembly materials and machine consumable items for the Semiconductor, Electronic, Microelectronic, Photonic MEMS and Hybrid assembly industries etc.
- **Adhesive Division**, which provides technically advanced adhesives for bonding, sealing and encapsulation, and which exclusively represents DELO Industrial Adhesives in the UK and Ireland.

Inseto is based in Andover in a high-tech building that houses an adhesives application laboratory, demonstration areas for equipment and instrumentation, and training rooms.

Customer support is at the heart of Inseto's *Total Customer Service* philosophy, where the company aims to understand, communicate and fulfil the needs of its customers. The company is committed to meeting customer requirements through the application of high standards of quality and customer care (both before and after sales) by continually investing in training and adopting a policy of continuous improvement.

For further information please visit [www.inseto.co.uk](http://www.inseto.co.uk)

#### **About Steatite**

Steatite Ltd is a market leader in the design, production, test and supply of rugged industrial computers, custom battery packs, MANET radio systems, advanced wideband antennas, and imaging technologies, all ideally suited to harsh operating environments.

Steatite has a rich heritage and strong reputation for creating technology that meets the operational demands of its customers. Operating from four dedicated UK facilities, the company has full in-house design, engineering, manufacturing and testing capabilities, ensuring that the Steatite name is synonymous with quality and reliability.

Part of the Solid State Plc group of companies (AIM:SOLI), Steatite's web address is [www.steatite.co.uk](http://www.steatite.co.uk)