*February 2017 – for immediate release*

**Building on QuantAM - 2017 software update available now**

In November 2015, Renishaw released QuantAM, build file preparation software dedicated to Renishaw metal additive manufacturing (AM) systems which incorporates laser powder bed fusion technology.

QuantAM software has an intuitive workflow and is easy to navigate. In only four steps, from orientation to support; to layout and review, the user can import CAD data and create a machine ready, build file.

The software is designed specifically for Renishaw metal AM systems, allowing tighter integration into the machine control software and the ability to accurately and rapidly review all build files for Renishaw AM systems, including those from third party packages.

Users can position the parts to be built then add, import and edit the required support anchors. Multiple components, each with their own material properties, can be efficiently configured on the build plate and reviewed, in slice by slice detail, prior to sending the build file to the Renishaw metal AM system.

QuantAM can also be used as a tool to guide the Design for Additive Manufacturing (DfAM) process, helping customers to further unlock the benefits of metal additive manufacturing.

The 2017 update includes a number of new, helpful features including editable angled, tree and cluster supports that can be applied to specific areas of the model for optimum support. There is a handy navigational interface tool, ‘Navicube’, which allows the user to rotate parts and select views. Part clusters, also called stacked parts can be created to gain the most out of the build volume.

QuantAM 2017 has retained and extended open parameter editing tools from the first release, providing the user with the freedom to optimise machine settings to suit the material and geometries being processed.

A key new feature of QuantAM 2017 is that the build file can be edited allowing parameters to be modified and parts to be added, subtracted or translated right down to the laser toolpath level.

QuantAM build preparation software is available to all users of Renishaw metal AM systems via a monthly subscription, together with training for licensed users and full technical support.

Streamlining process control software is part of Renishaw's wider mission to provide end-to-end solutions for innovative manufacturing and support the managed integration of metal AM into the production workspace, with more software releases expected this year.

For more information, please visit [www.renishaw.com/quantam](http://www.renishaw.com/quantam)

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Notes to editors

UK-based Renishaw is a world leading engineering technologies company, supplying products used for applications as diverse as jet engine and wind turbine manufacture, through to dentistry and brain surgery. It has over 4,000 employees located in the 35 countries where it has wholly owned subsidiary operations.

For the year ended June 2016 Renishaw recorded sales of £436.6 million of which 95% was due to exports. The company’s largest markets are China, the USA, Japan and Germany.

Throughout its history Renishaw has made a significant commitment to research and development, with historically between 14 and 18% of annual sales invested in R&D and engineering. The majority of this R&D and manufacturing of the company’s products is carried out in the UK.

The Company’s success has been recognised with numerous international awards, including eighteen Queen’s Awards recognising achievements in technology, export and innovation.

Renishaw is listed on the London Stock Exchange (LSE:RSW) where it is a constituent of the FTSE 250, with a current valuation of around £1.8 billion.

Further information at [www.renishaw.com](http://www.renishaw.com)