

### 3D Medical accreditation milestone

- **ISO accreditation milestone**
- **Commissioning of new SLM metal printer**
- **Service Level Agreement with 333D**

#### ISO ACCREDITATION MILESTONE

3D Medical Limited (ASX:3DM) (3DM or the **Company**) is pleased to announce it has successfully completed the first stage audit of the Company's comprehensive quality management system.

The audit reviewed the conformance of the Company's planned workflow processes against the International Organization for Standardization (**ISO**) standards ISO 13485 *Medical devices - Quality management systems - Requirements for regulatory purposes* and ISO 9001 *Quality management systems - Requirements*.

The second stage audit will examine the implementation of the Company's quality management system and assess the conformity against certification requirements. The second stage audit is scheduled to take place in December 2015 at the Company's Port Melbourne facility.

ISO accreditation is a necessary precursor for the Company's ambition to be successful in building commercial scale as a trusted supply chain partner in delivering custom made and mass customised medical devices to the global healthcare sector.

Information technology research company Gartner Inc. has analysed the technological trends in medical 3D printing and identified that certain specialist applications of 3D printing that allow for personalisation of design (such as hearing aids and dental devices) are viable and have already become the norm in medical care.

Gartner predicts that 3D-printed orthopaedic devices (such as those used in the USD\$15 billion market for hip and knee replacements), as well as other common internal and external medical devices, will be in mainstream use within two to five years.<sup>1</sup>

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<sup>1</sup> See, for example: <http://www.gartner.com/newsroom/id/3117917>

## **COMMISSIONING OF NEW SLM METAL PRINTER**

3DM is also pleased to confirm that installation and vendor commissioning of its new Selective Laser Melting (**SLM**) printer is now complete. The SLM printer provides the Company with medium to high volume metal part production with a build envelope of approximately 27 cubic litres.

The SLM printer has initially been configured to print in Grade 5 titanium alloy suitable for the prototyping and production of custom patient-specific implants (e.g. orthopaedic devices, jaw, etc.), standard size medical implants, medical instruments and other medical consumables.



Caption: Images of the model of SLM printer aquired from SLM Solutions Group AG, Germany.

## **SERVICE LEVEL AGREEMENT WITH 333D**

The Company also announces that it has entered into a Service Level Agreement (**Agreement**) with 333D Pty Ltd (**333D**) to provide three-dimensional printing services. 333D is an emerging 3D technology company focused on opportunities associated with additive manufacturing and has designed and manufactured the largest fused filament fabrication printer in Australia.

The Agreement provides the Company with access to a broad range of 3D printing hardware technologies and services that further extends 3DM's prototyping and production capacity and capability.

Supplementary to this Agreement, 333D has also entered in a sub-lease agreement with the Company, at current commercial rates, to share a proportion of the office and commercial space at 3DM's Port Melbourne Facility.

Dr Nigel Finch, Chairman of 3DM commented that “the co-location of 333D within the Company’s premises provides synergistic benefits to 3DM including the sharing of intellectual capital, knowledge transfer and access to dedicated facilities for the rapid prototyping and production of 3D printed medical devices and consumables.”

**END**

**For more information, contact:**

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**About 3D Medical Limited:**

At 3D Medical our aim is to aid medical professionals in the facilitation of improved clinical care, improving medical procedures, diagnostics and ultimately improving patient outcomes.

3D Medical is a medical specific 3D printing and holographic projection and data integrations provider. Our services 3D Medical Printing; EchoPixel (holographic projection technology); GestSure (in surgery image control); Mach 7 (enterprise imaging solution provides healthcare organisations with the ability to archive, consolidate, access, and share medical imaging data across departments, locations and regions); and MediDATA provide medical practices the opportunity to leverage their analytical capabilities to gain an improved understanding of the characteristics of the patients which drive their business.

These new and innovative products leverage data already captured by conventional imaging modalities and apply it in more meaningful ways to deliver improved economic and patient outcomes.

Further information is available at [www.3DMedical.com.au](http://www.3DMedical.com.au)



**ASX Announcement**

**07 September 2015**

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**About 333D Pty Ltd:**

333D has been established with a clear strategy to become Australia's leading integrated multi-platform 3D printing company. 333D's 3D printers are entirely owned, designed and built in Victoria, Australia. 333D understands the enormous potential of this technology, and the extraordinary opportunity it has to re-engineer the way industries operate. This revolutionary technology enables the creation of products that could never have been made before, changing the entire dynamics of design and development. 333D believes that this technology will create new business and industry opportunities that previously didn't exist. Australia is perfectly positioned to participate in this new manufacturing paradigm, and 333D intends to be the market leader and showcase Australia's skills and manufacturing excellence to the world.