



Materialise and Tailored Fits Create Digital Supply Chain for Custom-Fit Ski Boots

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A customization platform makes it possible to individualize ski boot inserts for optimum comfort and performance, also paving the way for other customized 3D-printed consumer goods.

LEUVEN, Belgium--(BUSINESS WIRE)--Aug. 31, 2017-- **Materialise (NASDAQ:MTLS)**, a leading provider of additive manufacturing software and sophisticated 3D printing solutions, has partnered with winter sports gear and tailored footwear specialist **Tailored Fits**, to launch the world's first end-to-end digital supply chain for custom-fit ski boots. The supply chain is supported by a customization platform for wearables, co-developed by Materialise and Tailored Fits, which includes a customer interface, design automation and process automation. Materialise also provides the entire production capacity for the certified additive manufacturing of the customized ski boots.

The solution co-created by the two companies already enables customers to have their feet scanned by Tailored Fits' speciality sporting goods retailers in ten minutes, and receive individually tailored 3D printed boot insoles in under ten days, and will soon provide skiers with the option to fully customize either their ski boot liner or the entire ski boot for optimum comfort and performance.

A customization platform for wearables, developed over the course of one year's intensive co-creation between Materialise and Tailored Fits, automates the design-to-delivery process. The process begins with anatomically detailed 3D scans of the wearer's feet, which the design automation software translates into individualized inserts. The platform conveys these as print-ready instruction to the Certified Additive Manufacturing facility at Materialise, where the inserts are produced in a flexible 3D printing material, TPU 92A-1.

"At Tailored Fits, we understand skiers' needs and the biomechanics of sports motion. And we have access to one of the world's best sports gear development labs. From the partnership with Materialise, we gained access to the additive manufacturing expertise to develop the best 3D printed solution for making mass customized production a reality," said Reto Rindlisbacher, CEO of TAILORED FITS AG. "I believe each company has brought out the best in the other."

"The creation of a unique digital supply chain meant working incredibly closely with the Tailored Fits team to develop the 'tailored fit' for them. Working with this company has been a real honor and a true co-creation project," said Dr. Alireza Parandian, Corporate Innovations and Global Strategist for Wearables at Materialise. "I look forward to the identification of similar applications in consumer goods where we can add real value with this customization platform for wearables."

Materialise will manage and continue to enhance the automation process, and provide 100% of the production capacity required to support the supply chain. Tailored Fits ski boots are scheduled to be available from leading sporting goods retailers from December 2017.

About Materialise

Materialise incorporates more than 25 years of 3D printing experience into a range of software solutions and 3D printing services, which together form the backbone of 3D printing technologies. Materialise's open and flexible solutions enable players in a wide variety of industries, including healthcare, automotive, aerospace, art and design, and consumer goods, to build innovative 3D printing applications that aim to make the world a better and healthier place. Headquartered in Belgium, with branches worldwide, Materialise combines the largest group of software developers in the industry with one of the largest 3D printing facilities in the world. For additional information, please visit: www.materialise.com.

About Materialise's Manufacturing Division

Materialise Manufacturing empowers 3D printing customers, both rapid prototyping and additive manufacturing, to keep tight production deadlines and meet the quality standards of even the most demanding industries. The division's designers and engineers work closely with customers to co-create new products and applications that make meaningful use of 3D printing. Two web platforms, Materialise OnSite for industrial orders and i.materialise for small businesses and consumers, offer easy access to one of the largest and most complete 3D printing facilities in the world. In addition, a certified manufacturing environment caters to customers who operate in highly regulated markets. For more information, please visit: www.materialise.com/en/manufacturing.

About TAILORED FITS AG

Founded in 2016, TAILORED FITS AG is a start-up company based in Horw, Switzerland. The company offers an industrial solution for mass manufacturing individually customized fits for footwear, sports gear and protection gear. The anatomical fits created, support the wearer's natural biomechanics while doing their preferred sports, preventing pressure points and pain, lowering signs of fatigue and reducing wear and tear of joints. TAILORED FITS AG's unique approach involves integrating digital 3D scanning technology, sales processes, customer relationship management, digital product design, additive manufacturing (3D

printing), and logistics into a unique digital supply chain. For additional information, please visit: www.tailored-fits.com



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