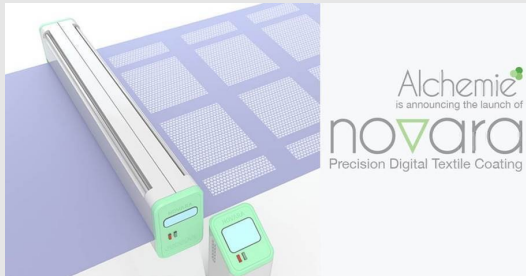


PRESS RELEASE

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Contact:
Susan Vandrey
Conference Administrator
Phone: +1-207-235-2225
Fax: +1-207-560-9119
Email: imi@imiconf.com
Web Site: www.imiconf.com



Digital Innovations focusing on COVID - 19 Applications

Carrabassett Valley, Maine – IMI President Al Keene says, "We have all seen reports of 3D printers being used to manufacture face masks and shields to aid in the availability of PPE devices. But are there additional areas where digital technology developments can aid in global efforts to combat and control COVID-19?

Presented below is information of breakthrough digital technologies recently announced by Alchemie Technology."

Keene concludes, "We are excited about the possibilities for inkjet and other digital technology developments to assist in these important societal issues. Thus, we encourage everyone to share this information and to notify us of other development activities designed to aid in such efforts. Please submit to al@imiconf.com or join and post to IMI's LinkedIn Inkjet Innovation Group: <https://www.linkedin.com/groups/12163161/> "

Alchemie Technology are announcing the accelerated launch of **Novara**, a breakthrough new high-throughput digital precision coating technology for technical textiles. The textile technology innovator is supporting the global efforts to combat COVID-19 by applying its **Novara** technology to the manufacture of safety-critical products including anti-viral facemasks. Alchemie is actively partnering with manufacturers worldwide to build production lines to address acute personal protective equipment needs and medical textile shortages.

*"We have accelerated the launch of our **Novara** textile coating technology to address the critical shortages of personal protective equipment worldwide" said Dr. Simon Kew, Managing Director at Alchemie Technology. "Our team has been working hard to ready **Novara**, our breakthrough technology for coating technical textiles, to support the frontline efforts to combat COVID-19. We predict that the worldwide requirement for facemasks will be over 50 million per day and we are getting ready to address this urgent need"*

Alchemie's **Novara** technology delivers high precision 2D patterned one or two-sided functional coatings to technical textiles, enabling truly unique multi-functional textiles to be manufactured. **Novara** combines the throughput of conventional coating technologies with the precision of digital to unlock new product design opportunities and radically reduce the cost of technical textiles. The technology enables functional coatings to be applied with unparalleled precision; all controlled with real-time digital data.

*"Our **Novara** precision coating technology is a breakthrough for digital technical textile manufacturing." Dr. Alan Hudd, Chairman at Alchemie Technology explained. "Our digital manufacturing approach to textile coatings will finally bring the limitless flexibility of digital printing to functional coatings."*

The benefits of **Novara** include:

- New product innovation: precise 2D digital placement of coatings including one or two-sided application using different materials
- More profitable production with reduced material consumption: only delivering coating where it's needed.
- Unparalleled agility: with reduced inventory and digital productivity benefits including rapid changeovers in less than five minutes and economic short runs

The **Novara** digital precision coating technology can be delivered as a stand-alone machine or as a module for current production lines, enabling convenient implementation and rapid delivery of manufacturing capacity.

For more information go to www.alchemietechnology.com/novara/, email enquiries@alchemietechnology.com or call +44 (0)1223 751644

Reader enquiries to:

pmartin@alchemietechnology.com

Tel +44 1223 751636



About Alchemie Technology

Alchemie Technology is reinventing manufacturing with the industrial-scale implementation of our digitally-defined materials science technology platforms. Inspired by digital ink-jet printing, we are pioneering the application of digital fabrication technologies to a significantly broader range of materials, ranging from high viscosity liquids to solid powders.

Our technology is finding applications in a wide range of industries - ranging from textiles to pharmaceuticals - unlocking the benefits of digital manufacturing to enable step-changes in productivity, flexibility, waste reduction and delivering breakthrough new product design opportunities.

Alchemie Technology's textile solutions: **Endeavour** Waterless Smart Dyeing and **Novara** Digital Precision Coating are breakthrough technologies that deliver radical productivity improvements, product innovation opportunities and dramatically reduce the environmental impact of dyeing and finishing operations.

For further information and go to www.alchemietechnology.com