



INNOVATIVE MOSAIC

Press Kit



Artaic

is a mosaic company that designs and fabricates custom, award-winning tilework. Founded in 2007, Artaic fully launched the company in 2009 with the initiation of its robotic system, leading to several high-profile mosaic installations throughout the Northeast. Private in-

vestors and a Create Boston loan from the city also fueled the success of the 2009 launch. Artaic now designs, manufactures, and sells highly artistic, customized mosaics from a studio/factory located in the heart of Boston's Innovation District.

Innovation

Artaic transforms environments through creative expressions. By combining today's technologies with an established art form, the company modernizes the creation of architecturally impactful mosaics. With fast design iterations, the use of robotic production in the USA, and print-to-fit technology, Artaic's process of customization is made simple, painless, and larger than before.



263,088 Hrs

the robot has clocked

61 Miles

worth of tiles have been placed this year (2016)

1470 Lbs

of tile were donated from 2009 to now





Ted Acworth

Dr. Ted Acworth is a scientist and engineer by trade, as well as an award-winning entrepreneur. He has been developing and commercializing innovative technology for over twenty years. The core of Dr. Acworth's technical expertise is ultraprecision metrology systems design. Throughout his career he has also developed expertise in management of the research and development process. Combined, his work in these areas has been sought by companies, universities and governments in the US, Europe, Middle East and Asia.

Ted directed the advanced technology research portfolio at the Cambridge-MIT Institute, which under his management yielded 38 patent disclosures and 4 venture-backed spinout companies. In 2003 Ted co-founded Brontes Technologies Inc., an MIT spinout company. The company was funded by Bain Capital, Charles River Ventures, and Flybridge Capital Partners, and was sold to 3M in 2006 who then launched it nationally as the Lava™ Chairside Oral Scanner C.O.S. Brontes' product is available throughout the US, Canada and Western Europe and is part of the fastest growing category in all of dentistry.

Adding rocket science to his resume, Ted founded and directed the Stanford Arti-

ficial Star 3 Laboratory. In 2001, his team successfully pre-launch tested the NASA Gravity Probe-B Relativity Mission space telescope, producing the most accurate in-situ calibration ever.

Ted holds an MBA from the Massachusetts Institute of Technology, where he was a Sloan Fellow in Innovation and Global Leadership. He holds a PhD in Mechanical Engineering from Stanford University, and an MS and BS from Columbia University.

Ted serves on the Massachusetts Governor's Science, Technology, Engineering, and Math (STEM) Advisory Council, focusing on 5-8th grade education. He is also a Steering Committee member of the Massachusetts Governor's Advanced Manufacturing Initiative, representing small innovative manufacturers. He is a member of the MassTLC Robotics Cluster Advisory Board, and a Director of the non-profit Design Museum Boston organization. In a former life Ted lent his scientific skills as on-screen host and science producer for History Channel's successful weekly television series "UFO Hunters." Dr. Acworth lives with his wife and son in Boston, Massachusetts.



More Info

Robotic Fabrication

Artaic uses patent-pending robotic technology to execute and manufacture mosaics. Artaic's robotic arm uses compressed air to place each tile neatly into a one-by-one square, which is then numerically ordered for installation. This unique process allows for exact print-to-fit technology and minimizes lead times. Artaic's innovative technology creates mosaics at scales that were once deemed too daunting or expensive to produce.

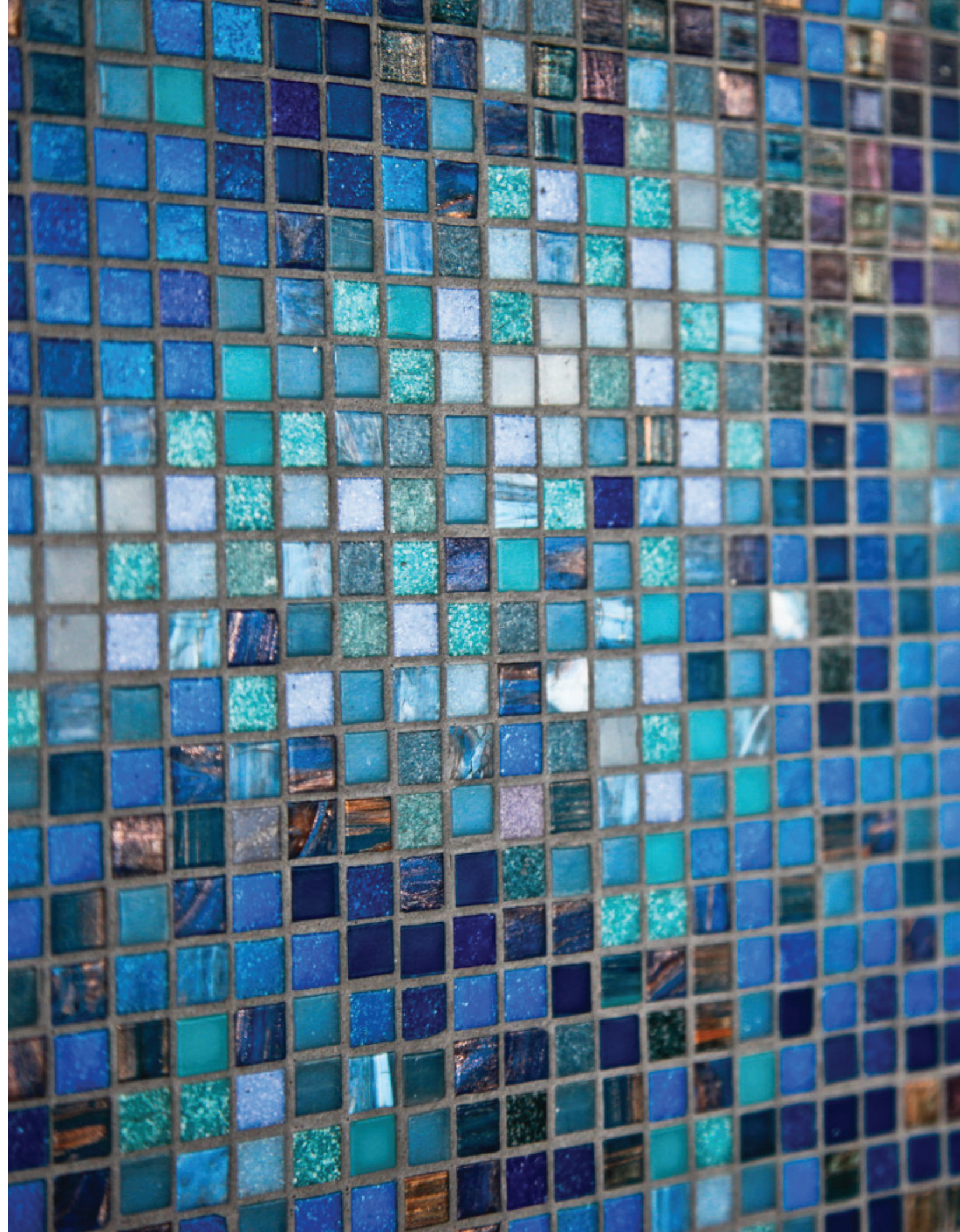
Proprietary Design Software

Artaic's advanced mosaic software, Tylist™, is used to accurately design and digitally render mosaic imagery prior to its fabrication. The software enables its users to easily collaborate with the robotic manufacturing systems, increasing design, flexibility and customization down to the last tile.

Sustainability

With proprietary precision technology, Artaic is able to fit a mosaic to the given surface, manufacturing the exact amount of tile needed for the project, considerably reducing the amount of time and waste during installation.

Artaic's mosaics utilize tiles that contain zero VOC's or other harmful substances, even in the case of fire. The adhesives and grouts used in the mosaic process contain zero, or very low VOC's. Giving Artaic an indoor air quality certification.





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