

## FACT SHEET

- Metamaterial Technologies Inc. (MTI) is a smart materials and photonics company that is changing the way we use, interact, and benefit from light. The company is pioneering a new class of multifunctional materials—also known as metamaterials—with engineered properties that go beyond what is found in nature.
- The company was established in London, England, in 2010 and moved its head office to Halifax, Nova Scotia, Canada, in 2012.
- MTI has a growing intellectual property portfolio with 20 patent families and from which 14 are granted.
- Its patented platform technology has been developed using a variety of smart materials that are capable of dramatically changing the way light can be manipulated. These thin-films can absorb, block or enhance light.
- MTI works with some of the top scientists in the world and specializes in metamaterial research, nanofabrication, and computational electromagnetics.
- MTI has developed a wide array of metamaterial applications that encompass several industries, including aerospace and defense, healthcare, energy, education, and clean-tech.
- MTI partners with companies across industries to develop revolutionary and disruptive products with a sustainable competitive advantage, offering value for its stakeholders.
- MTI has been working with Airbus since 2014 to provide a solution to protect pilots from bright and intense laser strikes.
- In 2016, MTI acquired Rolith Inc.'s business, a Silicon Valley based nanofabrication company. It included its IP, proprietary manufacturing technology, Rolling Mask Lithography (RML<sup>®</sup>) and its NanoWeb<sup>®</sup> products.
- In 2017, MTI announced a partnership with Lockheed Martin, (Lockheed Martin's first solar investment in Canada), to develop a product called metaSOLAR™, that is suitable for flight.
- MTI is one of the first companies to move metamaterials from the academic community into commercialization and works to bridge the gap between research and markets.
- Metamaterial Technologies has been recognized as a leader and a key player in the metamaterials industry by reports such as:
  - Market.biz (February 2017)
  - Transparency Market Research (February 2017)
  - Research and Markets (March 2017)
  - Technavio (May 2017)
- MTI is headquartered in Halifax, Nova Scotia and has offices in London, England and Pleasanton, California.