



## **Here, there, everywhere: 5ME<sup>®</sup> Cryogenics and Freedom<sup>™</sup> IoT featured in six locations on IMTS 2018 show floor**

**5ME, LLC brings its proven suite of capabilities for manufacturing efficiency and its revolutionary cryogenic machining to IMTS 2018 via show partnerships with leading machine tool makers and tooling companies.**

SEPTEMBER 2018 – 5ME Cryogenic Machining Technology and Freedom IoT platform software have a large presence at IMTS 2018. Featured in six locations and across two major exhibit halls, the company has partnered with machine tool makers and tooling manufacturers to demonstrate methods for better metal cutting and shop floor monitoring. See cryogenic machining demonstrations in the Doosan Machine Tools America (339100), Fullerton Tool Company (432123), Star SU (432258) and BENZ, Inc. (432445) booths, while the latest Freedom IoT process optimization software is on display at the FFG MAG (338129) and Sugino Corporation (338566) booths. “The best way to see the impact of our products is to see them in action,” said 5ME’s Jeff Price, Executive Vice President of Freedom IoT. “This allows attendees to see our products in real-life situations and applications.”

5ME Cryogenics has revolutionized machining, using through-spindle, through-tool liquid nitrogen (LN<sub>2</sub>) delivery to mitigate heat produced during cutting. Cryogenics offers many benefits over conventional coolants in efficiency and environmental friendliness. Useful for difficult-to-machine materials, cryogenic machining boasts an incredible -400° cooling advantage, which allows for increased material removal rates (MRR) and tool life. 5ME Cryogenic Machining Technology is offered as a new machine option or can also be retrofitted to almost any machine tool. “At IMTS, we’ll be demonstrating the major benefits of Cryogenics – including improvements to Performance, Sustainability, and Part Quality,” said 5ME’s Mike Judge, Executive Vice President of 5ME Cryogenics. “Cryogenic machining has consistently been a ‘main attraction’ at IMTS since we introduced it in 2010.”

The Freedom IoT suite of software focuses on integrating manufacturing efficiency seamlessly into existing networks and shop floor assets. Representatives will provide details on Freedom’s six smart manufacturing modules and demonstrate how the software is uniquely designed to monitor any asset – identifying bottlenecks and inefficiencies, and providing

operational intelligence for increased part quality, more efficient operations and streamlined maintenance. Freedom's low-cost rapid deployment takes days, not months, and the 24/7 monitoring software provides valuable real-time metrics enabling customers to make quick, educated manufacturing decisions. The software is fully customizable, and assets are monitored individually or as part of a cell or production line. "Monitoring shop assets and acting upon captured data has a huge impact on production efficiency," added Price. "We've documented improvements of up to 50 percent due solely to implementing our Freedom Smart Manufacturing Platform." The software modules require no special engineering and accessible on any device with a web browser. The software integrates with other business software systems and has a Certificate of Networkiness from the United States government.

For more information visit [www.5ME.com](http://www.5ME.com) or [www.Freedom-IoT.com](http://www.Freedom-IoT.com) or contact a 5ME Efficiency Expert at [info@5ME.com](mailto:info@5ME.com) or +1 513.719.1600

### **About 5ME, LLC**

5ME brings a proven suite of capabilities to industry, solely focused on increasing customers' manufacturing efficiency as a means of building profitable, competitive, and sustainable businesses. Today, that mission is more critical than ever as manufacturers are under increasing pressure from agile competitors, capacity constraints, material cost increases, and skilled labor shortages. The 5ME portfolio of 5ME Cryogenic Machining Technology and Freedom Manufacturing Efficiency Software is brand agnostic, allowing solutions to be applied to all types of machinery and manufacturing systems.

- END -

#### **CONTACT:**

John Singer  
Manager of Marketing & Channel Sales, Freedom™ Software  
5ME, LLC  
+1 513.719.1607  
[John.Singer@5ME.com](mailto:John.Singer@5ME.com)

Will Gruber  
Manager of Marketing & Channel Sales, 5ME® Cryogenics  
5ME, LLC  
+1 513.719.1622  
[will.gruber@5ME.com](mailto:will.gruber@5ME.com)

Jeff Drum (Agency)  
Kemble & Drum Communications  
+1 513.871.4042  
[jdrum@kembledrum.com](mailto:jdrum@kembledrum.com)