



Vibrant Signs R&D Agreement with the Technion - Israel Institute of Metals *Agreement further expands NDT services in Israel*

August 03, 2021: Elz, Germany– Thanks to CMI Electronic Industries Trading Ltd, the Vibrant Official representative in Israel, Vibrant today announced it has signed a research and development agreement with Technion Research and Development Foundation's Israel Institute of Metals (IIM). The agreement allows the organizations to work together to expand Vibrant's revolutionary Process Compensated Resonance Testing (PCRT) nondestructive testing (NDT) in the field of additive manufacturing and much more.

"This agreement allows Vibrant to help an ever-growing number of Israel-based aerospace and defense companies such as IAI, Rafael, and Elbit Systems develop their own PCRT applications," said Thomas Köhler, Managing Director of Vibrant GmbH. "As requests for PCRT and additive manufacturing services increase, we look forward to working together on a number of projects for customers in Israel."

Based in Haifa, the Israel Institute of Metals (iim.technion.ac.il) is a research and development institute operating under the Technion Research and Development Foundation, a part of Technion – Israel Institute of Technology.

IIM Managing Director Daniel Safranchik has assigned a team from the institute for the project, led by Vladimir V. Popov, Head of Technion's Metal Additive Manufacturing Center. The team will receive PCRT training at Vibrant's Germany location.

Vibrant's proprietary PCRT is an economical and comprehensive NDT option that enhances safety and operating economics by detecting process variation and structural defects undetectable by other methods. PCRT measures the resonance frequencies of whole parts, combining the collection of broadband resonance data in the ultrasonic frequency range with advanced pattern recognition to produce an accurate, fast, and automated nondestructive inspection. The pattern recognition and scoring tools return an automated PASS/FAIL result that requires no operator interpretation, allowing for rapid, confident testing of every part.

About Vibrant

Vibrant's whole part inspection approach is changing how aerospace, automotive, and power generation markets conduct nondestructive testing (NDT). Our revolutionary Process Compensated Resonance Testing (PCRT) measures resonance frequencies through whole parts, allowing customers worldwide to test every part and significantly increase final product quality. PCRT applications range from quality assurance and process capability assessment for OEMs to in-service structural assessment and life monitoring for MRO organizations. With facilities in the U.S. and Europe, Vibrant is AS9100 Rev C and ISO 9001:2008 certified.

For more information visit www.vibrantndt.com.