

Integran Technologies Inc.



### **Integran partners with Magnetic Shield Corporation to market Nanovate EM coating for low frequency magnetic shielding**

Toronto, Ontario, Canada – September 8<sup>th</sup> 2009, Integran Technologies Inc. today announced that it has entered into a Market Development Agreement (MDA) with Magnetic Shield Corporation (Bensenville, IL) to accelerate market penetration of Integran’s Nanovate EM coating for low frequency magnetic shielding.

Integran’s Nanovate™ EM coating process achieves similar performance to specialty discrete magnetic shielding foils, but uses a process that allows a nanocrystalline metal to be applied directly to metal, polymer and composite substrates. The process flexibility enables applications where part size, and/or complexity makes the use of formed foils impractical. In addition, the Nanovate™ EM coating also eliminates additional processes such as forming, annealing and assembly. “We see tremendous promise in the Nanovate EM coating when considering the decreasing size and increasing complexity of certain part applications.”, says Mark Wickler, COO of Magnetic Shield Corporation.

The agreement is expected to leverage Magnetic Shield Corporation’s wealth of knowledge and extensive customer base, built over 68 years of business, to find existing and new applications where the Nanovate™ EM coating would be an effective and elegant solution. “We are excited about the MDA with Magnetic Shield Corporation as they have demonstrated themselves to be market leaders in the magnetic shielding industry, both from a material supply and an application support perspective.”, says Rich Emrich, VP Business Development at Integran.

Integran and Magnetic Shield Corporation expect interest from customers working with sensors, transducers, and other electronic devices sensitive to low frequency magnetic interference to be particularly interested in this novel approach.



To learn more about Nanovate™ EM, visit our Websites:

[http://www.integran.com/applications/nanovate\\_EM.htm?utm\\_source=EMMDA-prl-se0809&utm\\_medium=EMMDA-prl](http://www.integran.com/applications/nanovate_EM.htm?utm_source=EMMDA-prl-se0809&utm_medium=EMMDA-prl)

<http://www.magnetic-shield.com/nano.html>

## Integran Technologies Inc.

For more information Contact:

**Integran:** Rich Emrich, (416) 675 6266 x222, [crm@integran.com](mailto:crm@integran.com)

**Magnetic Shield Corporation:** Mark Wickler (630) 766-7800, [shields@magnetic-shield.com](mailto:shields@magnetic-shield.com)

### **About Integran Technologies Inc.**

Integran Technologies Inc. is a world leader in the development and commercialization of advanced metallurgical nano-technologies. Integran's affiliated companies include: Morph Technologies (Toronto, Canada) which is focused on advanced materials solutions for the automotive sector; Powermetal Technologies (Carlsbad, CA) which develops and manufactures products for the sports equipment and consumer product sectors; and Integran Defense Systems (Pittsburgh, PA) which develops leading-edge technologies for defense and homeland security. [www.integran.com](http://www.integran.com).

### **About Magnetic Shield Corporation**

Since 1941, Magnetic Shield Corporation has specialized in solving problems of magnetic interference, also known as Low Frequency EMI. Recognized as a worldwide industry leader, we offer a variety of technology products and proprietary materials including Integran's Nanovate™ EM coating and our own Mu Metal®, Co-Netic® and Netic® shielding alloys. Our engineers concentrate on problems relating to magnetism across many industries such as: electronics, medical, energy, aerospace, automotive, instrumentation, research, development and education. [www.magnetic-shield.com](http://www.magnetic-shield.com)