

News Release

MDS Coating Technologies wins 2013 R&D 100 Award

PEI, 22 July 2013 -- MDS Coating Technologies Corporation (MCT) is proud to announce that its **BlackGold**[®] coating has received the 2013 R&D 100 Award. The **BlackGold**[®] coating was nominated by the U.S. Department of Energy (DoE) as a result of the implementation of the coating on Delta Air Lines' fleet. Delta is the first North-American operator to benefit from this technology. The new coating has been recognized by *R&D Magazine* as among the 100 most technologically significant products introduced into the commercial marketplace within the past year.

The 51st annual R&D 100 Awards recognizes MDS Coating Technologies Corporation, for its work in developing the **BlackGold**[®] erosion and corrosion resistant nanocoating. MCT's coatings are applied to jet engine compressor airfoil surfaces and can significantly reduce airfoil degradation due to erosion and corrosion. As a result, engine performance and high fuel efficiency can be maintained during aircraft operation. *"The FAA-approved nanocoating has the potential to save the U.S. commercial aviation industry up to 100 million gallons of fuel annually and realize cost savings greater than \$300 million per year at today's jet fuel prices"*, says the U.S. Department of Energy.



About R&D Magazine R&D 100 Awards

The R&D 100 Awards, known as the "Oscars of Invention", recognize excellence across a wide range of industries, including telecommunications, optics, high-energy physics, materials science, chemistry and biotechnology. Some winners are established Fortune 500 companies and others are federally funded research institutions. Since 1963, the R&D 100 Awards have identified revolutionary technologies newly introduced to the market. Winners of the R&D 100 Awards are selected by an independent judging panel and the editors of *R&D Magazine*.

About MDS Coating Technologies Corporation

MDS Coating Technologies Corporation designs and produces metallic-ceramic protective coatings for aerospace and industrial components, including erosion and corrosion resistant coatings for gas turbine compressor components.

With a commitment to excellence, MCT has gained an industry reputation for delivering quality high performance products. This R&D 100 Award is further evidence of this commitment.

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