

### **Eltron's Nanoparticle Agglomerate Technology is Industry-led SBIR Consortium (ISCo) Finalist**

**September 20, 2012—**

BOULDER - Eltron Research and Development Inc. in Boulder, Colorado has received notice that their Nanoparticle Agglomerate Technology was selected as a Finalist by the Industry-led SBIR Consortium (ISCo).

The Industry-led SBIR Consortium (ISCo) is an innovative approach for large aerospace and defense companies to identify, and form relationships with, high-performing technology companies participating in the Small Business Innovation Research (SBIR) Program. ISCo delivers open innovation by mining small business competencies, bringing new technologies forward through industry to meet the nation's defense, security, and energy needs. ISCo members in 2012 included Lockheed Martin, ATK, Northrop Grumman, PPG, and United Technologies Corporation/P&W.

Eltron developed a method for spray drying agglomerates of nanoparticles for use in the cold spray process. Spray drying is a low-cost, well-established powder processing method used often in the food and catalyst industries so rapid scale-up is anticipated. Nanostructured coatings or parts (produced via rapid prototyping) with superior properties could be produced by cold spraying nanostructured powders.