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Triton Systems Announces a New Environmentally Friendly Surface Modification Coating Approach

Enables New, Ultra Thin Ambient Condition Functional Coatings

Chelmsford, MA/November 25th, 2008 - Triton Systems, Inc. (Triton) announces the addition of Atmospheric Pressure Plasma Liquid Deposition (APPLD™) to its products and service offering. This new surface modification technology combines Triton's specialty coatings expertise with the unique features of APPLD™ process, to enable new products and applications for a host of end uses.

The patented APPLD™ technology allows users to engineer the surface of virtually any substrate, rigid or flexible, smooth or textured, finished or unfinished (for example textiles, films, electronics, various hardware, optical lenses, devices) by applying thin (typically 10-250 nanometer) coatings of various materials that bond strongly to the underlying substrate. Coatings can have a wide range of characteristics, such as waterproofing, oil proofing, low-friction slickness, adhesion promotion, antimicrobial or other bioactive properties. The energy-efficient APPLD™ process operates at near room temperature and pressure, uses no water, solvents or surfactants and has negligible waste disposal or recycling needs. It offers broad design flexibility and offers functional coatings. The process leads to unique coatings that retain virtually all of the original functionalities of the liquid precursor – even for large and complex molecules.

Triton delivers the new coating solutions through the PlasmaStream™ and Plasma Workstation™ equipment suitable for 3D conformal batch and roll-to-roll coating respectively. Triton will provide coating formulations and applications engineering development to help customers with existing coating needs as well as open the door to new, unique, highly functional and high-value added products. “We are excited to introduce the APPLD™ functional coatings which can be applied under ambient conditions, expanding therefore our product and service offerings to our customers,” said Dr. Arjan Giaya, VP of Technology at Triton. “We can coat, modify and functionalize almost any substrate or interface, enabling new product opportunities that were impossible up to now due to either technology or cost limitations.”

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To learn more on how Triton can help with your coating needs contact us at info@tritonsystems.com or call 978-250-4200.

About Triton Systems, Inc.

Triton Systems (www.tritonsystems.com) is an advanced materials-inspired product development company incubating and co-funding product concepts to maturity. Triton forms global alliances to help transition these products to the marketplace – through joint ventures, licenses and operating companies. Our product solutions impact the homeland security, military logistics, military and consumer electronics, medical diagnostics and patient quality of life.