FOR IMMEDIATE RELEASE
Kansas City, Missouri

Prospection Solutions Showcasing System Square
Groundbreaking X-Ray Technology at IPPE

KANSAS CITY, MO – January 25, 2025 –Prospection Solutions, in partnership with System Square, is showcasing groundbreaking high-resolution dual-energy x-ray inspection systems at IPPE from January 28-30th, in Atlanta Georgia. This event marks the debut of this revolutionary technology to the poultry industry in the United States.

X-ray inspection systems are pivotal to modern quality control, utilizing advanced generators and sensors to automatically detect foreign objects in food. System Square's innovative inspection strategies, combined with in-house development of critical sensors and controls, result in unmatched versatility and performance, ensuring safer and more reliable consumer products.

The **SXM2 Series Dual-Energy X-Ray Systems** incorporate high-resolution sensors, differential energy imaging, and ON-BOARD ARTIFICIAL INTELLIGENCE algorithms. These advanced technologies provide enhanced contrast and resolution, enabling the system to consistently detect even the smallest contaminants within the most challenging products.

The **SXS2 Series X-Ray + Optical Seal Inspection Systems** merge X-ray and optical sensors to deliver a comprehensive inspection solution. This system not only detects foreign objects and verifies package weight, dimensions, shape, and defects, but also performs precise seal monitoring. By overlaying X-ray and optical images, the SXS2 can detect seal contamination from liquids and solids in trays and flexible packaging, even through printed, colored, and aluminum films.

In addition to X-ray systems, **Metal Detection Systems** play a critical role in production environments by identifying metal contamination through non-contact inspection. System Square's extensive experience in metal detection has led to the development of systems that offer superior precision and dependability.

The **SD Series Metal Detection Systems** feature multi-frequency inspection capabilities, high resistance to coil interference, and proprietary software that minimizes product influence on detection accuracy. With patent-pending automatic balancing features, the SD Series ensures detection consistency over time. The user-friendly interface, data management tools, and hygienic designs make these systems world-class solutions that help prevent food loss, protect brands, and enhance consumer safety.

Visit booth #B48063 to see this cutting-edge technology, or prospectionsolutions.com/ai-x-ray