ASTROPHYSICS® AI

FORTIFYING SECURITY WITH AI SOFTWARE

Introducing Astrophysics Artificial Intelligence (AI) software – for detection of guns, knives, liquids and lithium-ion batteries. Astrophysics AI software reduces the burden on operators, accelerates decision times, boosts threat detection, and fortifies security.

To facilitate efficient analysis, Astrophysics AI is integrated into our software to automatically stop the conveyor belt when a threat is detected and identify threat(s) with a red box. The intuitive software design enables operators to confidently utilize AI software and the automated assistance supports training of new personnel.
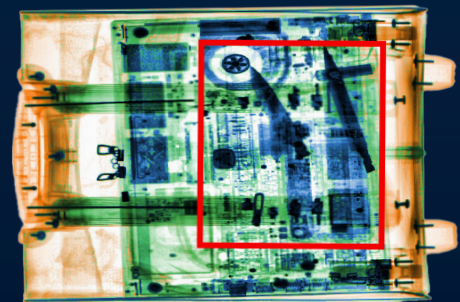
Our "deep learning" AI algorithms continuously improve as they analyze more images, creating a growing catalog of identified threats. Astrophysics AI is available on both new and existing XIS systems deployed at prisons, courthouses, stadiums, logistics centers and more. Astrophysics AI provides protection against critical threats at sites worldwide, bringing security to the next level.

THREATS ARE HIGHLIGHTED IN A RED BOX

BELT AUTOMATICALLY STOPS WHEN THREAT IS DETECTED

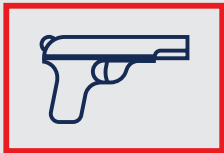AVAILABLE ON NEW AND DEPLOYED XIS CHECKPOINT AND LARGE BAGGAGE SYSTEMS
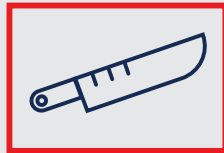
NO TRAINING REQUIRED

TOMORROW'S TECHNOLOGY FOR TODAY'S SECURITY™
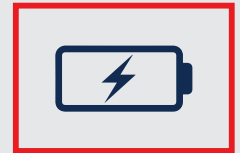
AUTOMATED TECHNOLOGY FOR MODERN THREAT DETECTION

GUNS

KNIVES

LIQUIDS

LITHIUM-ION BATTERIES

CUSTOM THREAT DEVELOPMENT

Contact Astrophysics to learn about custom development of AI detection for specific threats.

www.astrophysicsinc.com
sales@astrophysicsinc.com
+1.909.598.5488

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