- HIGH THROUGHPUT PASSIVE SCREENING OF CARGO AND VEHICLES FOR THE PRESENCE OF GAMMA AND NEUTRON RADIATION.

- OPTIONAL INTEGRATION WITH OTHER EAGLE SYSTEMS.

- WITH INTEGRATED SYSTEMS, GAMMA/NEUTRON DATA IS SUPERIMPOSED ON X-RAY DATA.

Rapiscan Eagle®
GAMMA - NEUTRON DETECTION PANEL

Rapiscan Eagle
Gamma-Neutron Detection Panel

The Eagle Gamma - Neutron Detection Panel or 'Rad -Nuke' is designed for high throughput passive screening of cargo and vehicles for the presence of gamma and neutron radiation.

Designed for integration into the Rapiscan Eagle range of high energy inspection systems, Rapiscan's Rad-Nuke Detectors enable the detection of Gamma and Neutron threats; such as materials for dirty bombs or nuclear materials which have a military or energy significance.

The Rad-Nuke detectors can be combined within a Radiation Portal Monitor (RPM), which is a collection of gamma or gamma/neutron detectors, automatically scanning cargo in a drive-through portal mode. The RPM can be used as a stand alone system.

- Rapiscan's Rad-Nuke detectors are designed for the integration into Mobile platforms, such as M60 and M45, or with gantry, portal and rail scanner products such as G60, P60 and R60 to allow simultaneous X-ray imaging and passive radiation detection.

- The Detector is not affected by X-ray radiation from these Eagle high energy inspection products as the detector is synchronised to the Linac pulse.

- Designed for detection of gamma-radiation, the system can be specified for both gamma and neutron detection. Neutron detection is based on state of the art Li-6 technology rather than obsolete He-3 detectors.

- Within integrated systems, the gamma/neutron data is super-imposed over the X-ray image to allow the location of a radioactive threat to be determined relative to the cargo and vehicle under inspection.

- While only a single detection panel is fitted to an Eagle Mobile system. Various configurations of detector panels can be mounted on Portal and Gantry installations.

- The Rad-Nuke detection panels are designed for outdoor use over a wide range of environmental conditions without the need for calibration with radioactive sources.

Rapiscan® systems
An OSI Systems Company

ONE COMPANY - TOTAL SECURITY

Rapiscan's Rad-Nuke detectors are designed for the integration into Mobile platforms, such as the Eagle M60

Rapiscan's Rad-Nuke detector visible within the Eagle M60

TESTED AND CERTIFIED SECURITY SOLUTIONS

An ISO 9001:2008 certified company, Rapiscan Systems submits its products to rigorous certification and testing bodies, including:

SAFETY ACT

Rapiscan Systems products have been certified by the U.S. Department of Homeland Security for Support Anti-Terrorism by Fostering Effective Technologies (SAFETY) Act of 2002, which provides important benefits to organizations that deploy security technology. For additional information visit www.safetyact.gov.

SUPERIOR QUALITY, COMPREHENSIVE STANDARD FEATURES AND FLEXIBLE OPTIONS - INCLUDED WITH EVERY RAPISCAN EAGLE CARGO AND VEHICLE INSPECTION SYSTEM.

Our commitment to value and innovation make the Rapiscan Eagle product line the first choice in cargo and vehicle inspection solutions. Rapiscan Systems is a global leader in high quality inspection solutions and advanced threat identification techniques. Security is our only concern, and we focus on developing customer-centric solutions that are future-proof and cost effective.

All Rapiscan products are backed by a worldwide training, maintenance and service organization which is available to customers 24 x 7.

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With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice. For additional product specification information, please contact a sales representative.

As the world's leading security screening provider, Rapiscan Systems provides state of the art products, solutions and services that meet our customers' most demanding threat detection needs --- while improving their operational efficiency.