

Checkpoint.Evo

CHECKPOINT SOLUTIONS FOR REMOTE SCREENING,
ADVANCED RECHECK AND DATA ANALYSIS & REPORTING



Feature Highlights

- **Reduced operational costs**
- **Increased passenger throughput**
- **Improved passenger experience**
- **Enhanced security performance**

Security services, staffing and training represent the largest recurring costs faced by airports in their operation of security checkpoints.

With new security directives and requirements and on-going shrinking labour demographic, airports are facing an unprecedented operational challenge: to improve security throughput while maintaining or reducing labour-related and equipment costs. Checkpoint.Evo is a flexible software and hardware solution that can connect the main sensors at a checkpoint, providing data for image evaluation, re-

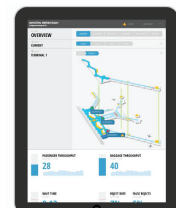
inspection and real-time & historical reporting. This new checkpoint solution provides multiple capabilities to achieve these goals.

At the core of Checkpoint.Evo is remote screening capability which captures data from the X-ray scanner and transmits the images via a central image server to a remote workstation for image analysis - similar to the image evaluation process within hold baggage screening. The operators are then able to evaluate the images in an environment away from the noise and distractions at the checkpoint. Airports and operators also benefit from the advantage, that Checkpoint.Evo allows transmission of images from several sensors to a single remote screening location, all at the same time.

Another feature is the "Directed Search" that provides operators with tools to leverage the screening performance by clearly identifying

and classifying any threat items. The analyst can identify, mark and classify an area or areas of interest in an image before it is sent to the operator in the recheck area. This eases the operator workload by focussing just on the marked area. This record of classification can be displayed on a real-time dashboard or included in extensive reports which can be produced for the main operational areas of the business.

In summary, Checkpoint.Evo delivers a new concept in security solutions for checkpoints through data fusion and streamlining processes, increasing airport operational efficiency, and improving the passenger experience, and all while maintaining security standards.



Dashboard -Real Time Reporting

Technical Data Checkpoint.Evo

General Specifications

System Configurations Analyst Remote Screening with Directed Search
Directed Search, with option to upgrade to Remote Screening

Additional Features

Options
Checkpoint.Evo - Conveyor System integration
Checkpoint.Evo - Automatic Bag Sorting integration
X-ray Interface for Checkpoint Lane control

Installation Data

Network requirements 100/1000mb TX, CAT5/CAT6 (Server, AWS & RWS workstations)

Analyst Workstation

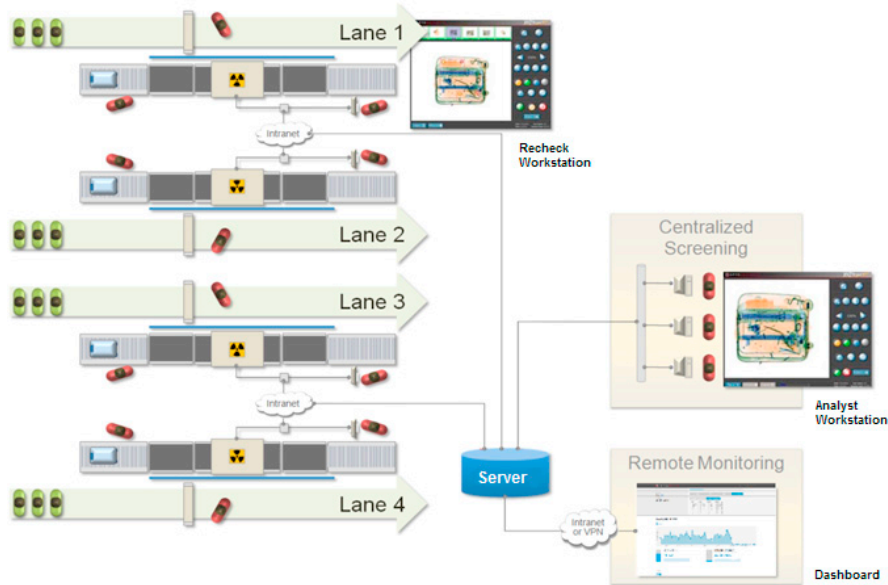
Dimensions (W x D x H) 33.7 x 38.05 x 10 cm (13.26 x 14.98 x 3.93 in)
Weight 5.9 kg (13.01 lb)
Power requirements Internal 240W Power Supply, Active PFC

Data Acquisition, Recheck Workstation (DA/RWS)

Dimensions (H x W x D) 44.45 x 17.15 x 46.48 cm (17.5 x 6.75 x 18.3 in)
Weight (min/max) 15.5 kg (34.2 lb)/ 22.6kg (49.9 lb)
Power requirements 800 Watt 90% efficient tool-free power supply

Checkpoint.Evo Server

Dimensions (H x W x D) 44.45 x 17.15 x 46.48 cm (17.5 x 6.75 x 18.3 in), Rack utilization 4U
Weight (min/max) 15.5 kg (34.2 lb)/22.6kg (49.9 lb)
Power requirements 800 Watt 90% efficient tool-free power supply



Typical Checkpoint.Evo Layout



Image displaying an item marked by the analyst to be submitted to the recheck workstation.

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OPTOSECURITY

Smiths Detection and Optosecurity have partnered in the development of Checkpoint.Evo to provide Smiths Detection customers with a Checkpoint Management Capability that has been optimally designed to work with Smiths Detections products and services.



For product information, sales or service, please go to www.smithsdetection.com/locations

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Modifications reserved. 95595384 03/06/2015 © Smiths Detection Group Ltd. - In some cases, the figures contain options.

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