
February 20th 2015

Orleans Parish Sheriff's Office
OD Security North America – Unique Design
Features



OD Security North America, 707 Texas Avenue, College Station, Texas
77840

Safety Features

- **Radiation Safety** – unlike the Belorussian manufactured Adani SecurPass, the X-Ray Tube of the SOTER RS is only active during our 8 seconds scanning process.

A Mechanical Shutter provides the safety feature for the SecurPass X-Ray Tube, as **their System constantly emits radiation**, not only during the actual scanning process. The SecurPass could emit up to 10uSv (micro-Sieverts) hourly, so potentially 120uSv every 12-hour Operator shift. The International Commission on Radiological Protection (ICRP), in publication 103, states that the dose limit for an Operator should not exceed 1,000 uSv annually;

- **Safe Working Space** – our SOTER RS offers the smallest radiation footprint available in the market, with no radiation risk to the Operator (a combination of the functions of the design of our scanning process and the absence of radiation beyond the 8 seconds of the scanning process).

Our Safety Zone during the scanning process is less than **36” either side of the Platform (72” circumference from the center of the Platform)**. This compares to the **180” Radiation Zone of the SecurPass**. It is also of note that **our System design delivers ZERO RADIATION RISK** to the Operator Consol.

