

Applications

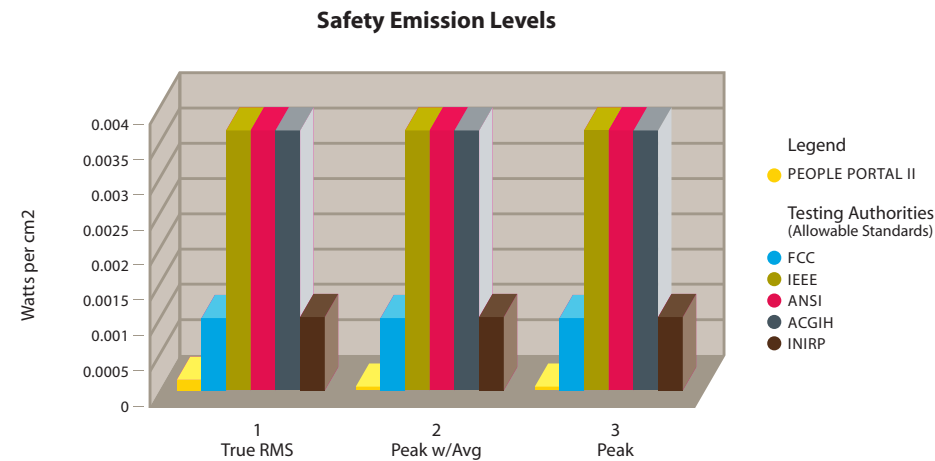
- Airports
- Banks
- Border Control/Immigration
- Commercial Bldgs.
- Convention Centers
- Corporate Offices
- Courthouses
- Cruise Lines
- Embassies/Consulates
- Government Bldgs.
- High Security Facilities
- Hospitals
- Hotels
- Industrial Facilities
- Manufacturing Plants
- Military Bases
- Police Depts.
- Power/Nuclear Plants
- Stadiums
- Schools

Benefits

- **Threats & targets automatically detected & located**
- Fast Scan Time (2-3 seconds)
- User Friendly
- Effectively contrasts explosives
- Shoes scanned without removal
- Low false positives
- Privacy Protected (no picture of body is ever generated or shown)
- Safe Emissions
- Adjustable Threat Levels (matches DHS)
- Easy to Install & Operate
- Non-Cumulative & Non-Ionizing microwave Energy Format

Safety Emission Levels

Safety testing of the People Portal by an FAA qualified laboratory established that the dielectric microwave energy employed by this technology was dramatically lower than the allowable standards set by international testing authorities.



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The People Portal II

The People Portal II (PPII) is a comprehensive full body scanner that utilizes a unique patented technology to screen people entering secured areas.

THREATS DETECTED

PRIVACY PROTECTED

Non-Contacting
Convenient
Economical
Easy to Use
Automatic
Fast
Safe



EMIT's technology is a versatile and expandable platform that begins with the People Portal II (PPII) and leads to further development of the most advanced security scanning and detection systems.

The Company's technology platform is the EMIT system invented by Tex Yukl, Chief Technology Officer. Potential products of the system span major industries including security, medical and industrial markets.

In today's uncertain times, security is our priority. EMIT's PPII offers a powerful new technology to detect all threats while protecting our privacy and future. Instead of attempting to identify specific materials or having to do visual analysis when scanning people, the PPII utilizes a detailed set of parameters for the human body and compares that data as a reference against new scans. The system then automatically analyzes these differences in real time detecting threats such as weapons, explosives and drugs.

Comprehensive Detection

Threats upon entry & theft upon exit can now be discovered in one comprehensive system, the PPII. All threat classifications and anomalies can be detected, including metallic and non-metallic weapons, explosives, drugs, and flammable substances made of any non-physiological material. Materials that are difficult to contrast with other scanning technologies, such as certain explosive materials and threats made of plastics, glass, and ceramics are found with the PPII. The PPII's detection capability makes it a needed part of loss prevention programs.

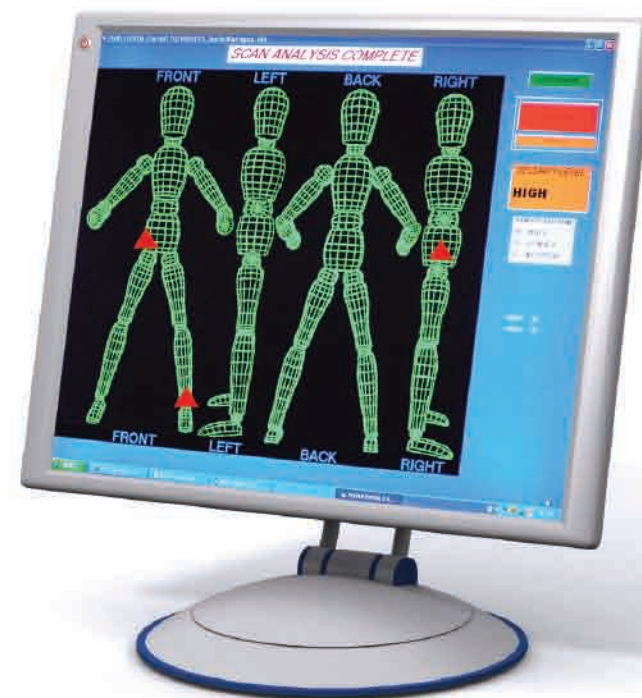
Accurate

Detection is done automatically and does not rely on operator interpretation of images. Location of threats are pin pointed on an operator's screen. The scanning accuracy of the portal (greater than 85 percent with less than a 15 percent false-positive rate) is believed to be superior to competing systems on the market today.



Key Features

- Comprehensive detection
- Complete privacy protection
- Automatic
- Fast
- Safe energy format
- Low false positives
- Easy to operate & maintain



Non-invasive/Protects privacy

Unlike competing technologies, no picture of an individual's actual anatomy is ever produced, seen or exhibited. The operator sees only a wire-frame image indicating where an anomaly is located.

Safe

The measurable level of EMF energy emission has been independently determined to be well below allowable standards set by the Institute of Electrical and Electronics Engineers ("IEEE") and national and international EMF standards. In fact, this technology's measured level of EMF is less than that emitted by overhead fluorescent lights, making it ideal for product designs that involve uses with people.

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Convenient

The PPII finds threats quickly with fewer frustrating false-positives. Detection speed and fast thruput result in less massing of people in one area. **There is no need for people to remove clothing or shoes during scans.**

Economical & easy to operate & maintain

Automatic screening results in fewer false-positive readings and physical inspections that translates to less personnel needed to provide security and protection.

While it is a highly technical piece of equipment, the PPII is easy to operate, built to last and should require less field service maintenance. When repairs are needed, the plug-and-play design allows for parts to be quickly and easily replaced.

How does it work?

The People Portal instantly compares the scanned subject against a predetermined baseline for human physiology. Any variance from that baseline alarms on found threats and contraband made from any materials preventing all threats from entering a secured area.

The EMIT Technology measurement system does not attempt to identify specific materials. Instead, a very detailed set of parameters developed for the human body is used as a reference against an unknown or hidden volume of material for comparison. The system then presents the differences between the unknown and the known reference to an operator resulting in the clear detection and location of weapons or threats.