



SMD601 Plus PROFILING

LOSS PREVENTION METAL DETECTOR

SYSTEM OVERVIEW

- Provides an inspection of personnel to prevent removal of critical metallic objects from warehouses or production facilities
- Discovers very small metallic items while ignoring non-removable metals
- Detects items carried anywhere on and inside the body

BENEFITS

- Greatly reduces losses through unprecedented detection levels and deterrence
- Increased throughput by pinpointing of alarm locations
- Extremely low nuisance alarm rate at high sensitivities
- Improves privacy with non-invasive search
- Random selection capability included
- Stand-alone solution (no PC or Server required)
- Simplified networking implementation (for multi-checkpoint requirements)

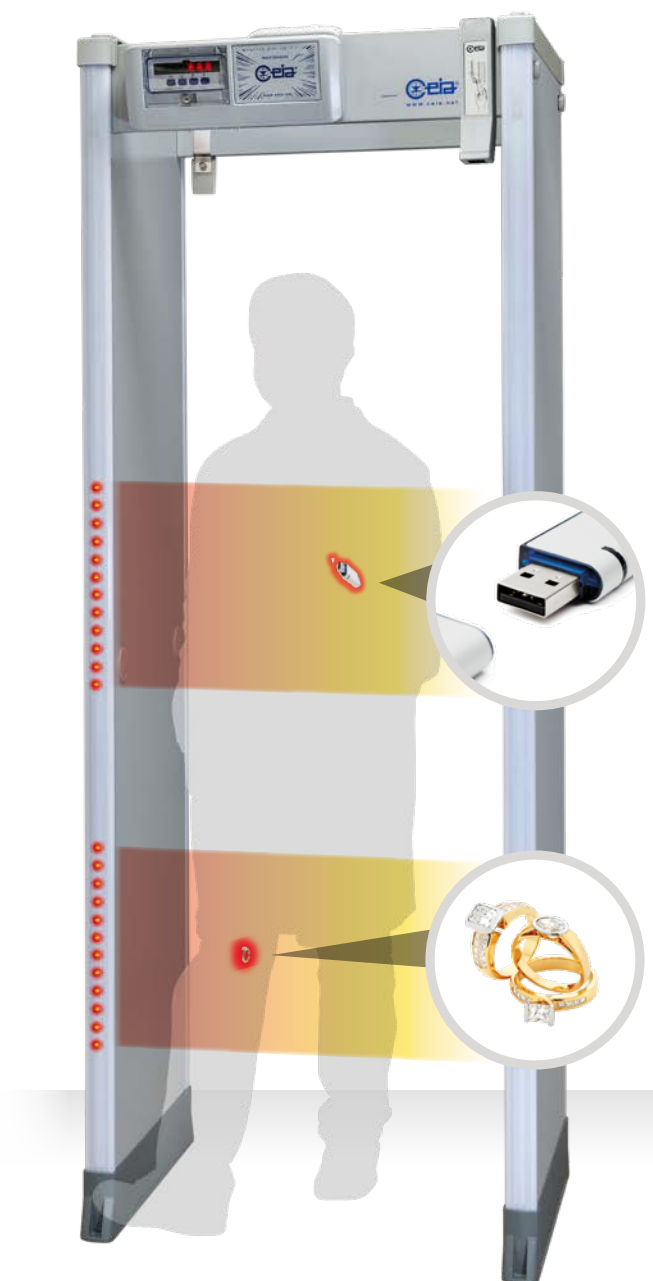


AS PEOPLE TRANSIT THE SYSTEM, THEIR METAL CONTENT IS COMPARED TO A SAVED PERSONAL PROFILE



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THREAT DETECTION THROUGH ELECTROMAGNETICS



SMD601 Plus PROFILING: HOW IT WORKS

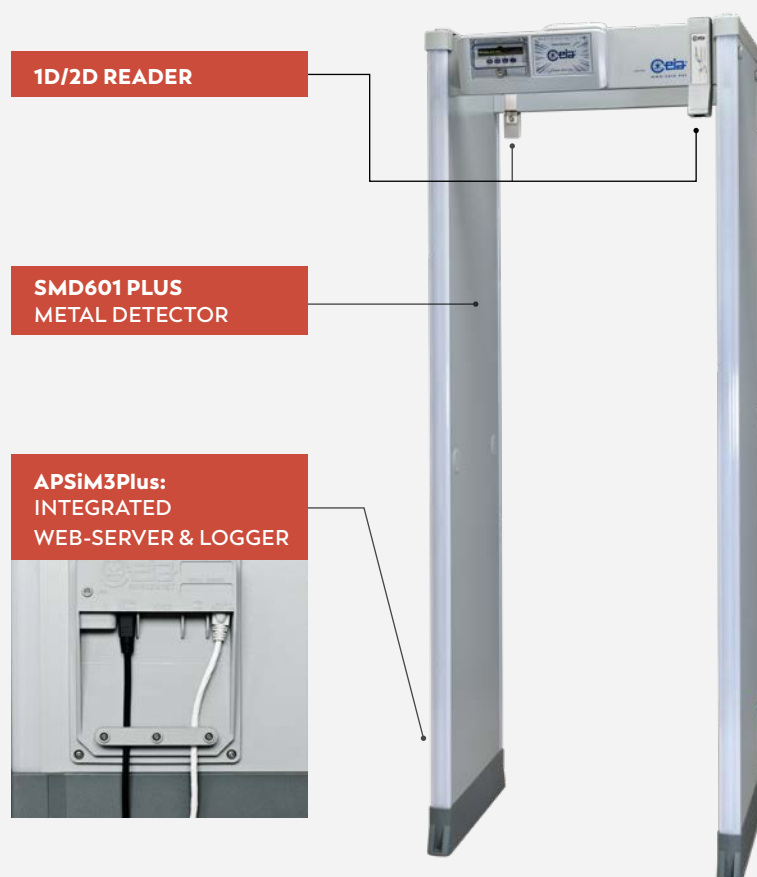
QUICK, ACCURATE ANALYSIS OF ALL PARTS OF THE BODY OF PEOPLE IN TRANSIT

- The superior uniformity of the electromagnetic field of the SMD601 Plus Metal Detector provides very consistent metal detection readings on every transit.
- This ground-breaking capability allows for individual creation of personal metallic signatures or metallic "profiles".

TRUE METAL CONTENT PROFILE FOR THE PERSON BEING SCREENED

- These profiles can be taken while the individual may be wearing non-removable items, like dental works, medical implants, wedding rings and piercings, and are stored in the SMD601 Plus embedded data base.
- These personal profiles are used as a reference for every transit carried out by an individual, allowing detection of small targets while ignoring non-removable personal objects.

SYSTEM LAYOUT



ORDERING INFORMATION

P/N

SMD601 Plus Metal Detector SMD601Plus/PZ

1D/2D Barcode Reader 1D/2DReader/P

APSiM3Plus APSiM3Plus/P

OPTIONS

P/N

User cards



Profiling-card-100

Enrollment cards



Enroll-card-10



EZ-Enroll-card-10

1,000 labels kit with 2D barcode



2DLABEL-1000

MDNA - Metal Detector Network Appliance

MDNA

Test kit Precious Metal

V/UHS-LPPM-KIT

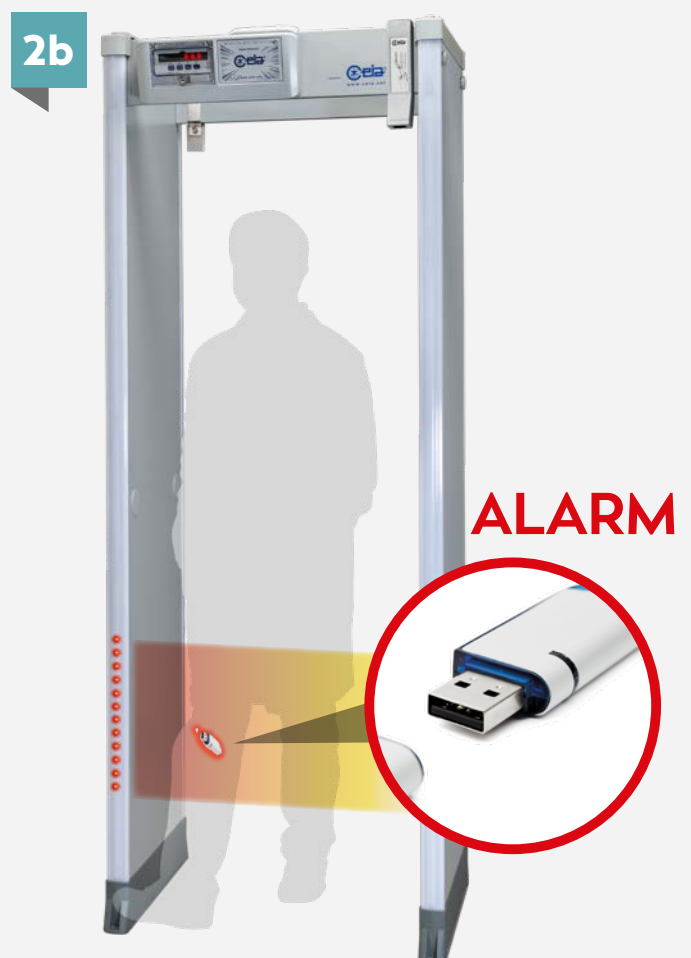
Test kit Information Technology

V/UHS-LPIT-KIT

SCREENING SEQUENCE

HIGH SENSITIVITY SCREENING OF PEOPLE WITH OR WITHOUT IMPLANTED METAL OBJECTS

- 1** A profiled user presents their badge to the barcode reader.
- 2a** **THE USER TRANSITS THROUGH THE METAL DETECTOR**
The Metal Detector ignores profiled non-removable metal objects and does not alarm.
- 2b** **THE USER TRANSITS THROUGH THE METAL DETECTOR WITH A TARGET OBJECT**
The target is detected and the Metal Detector shows its position.



The **SMD601 Plus Loss Prevention Metal Detector** prevents the theft or accidental removal of metallic objects.

As people transit the system, their metal content is compared to a saved personal profile.



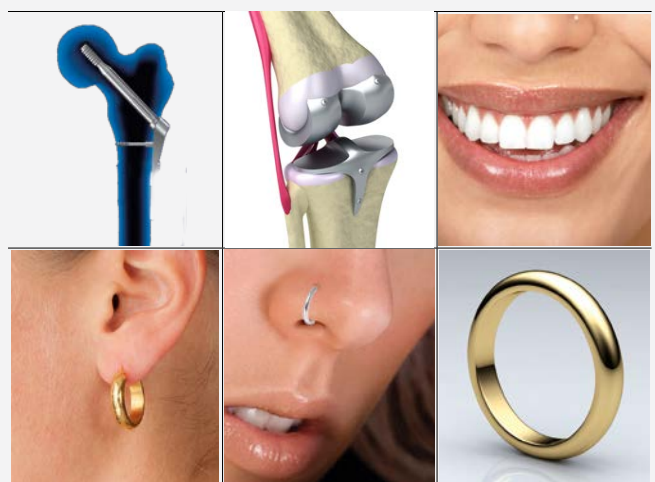
EXAMPLES OF TARGET ITEMS

- ✓ ELECTRONICS
- ✓ PRECISION MECHANICS
- ✓ JEWELLERY
- ✓ PRECIOUS METALS



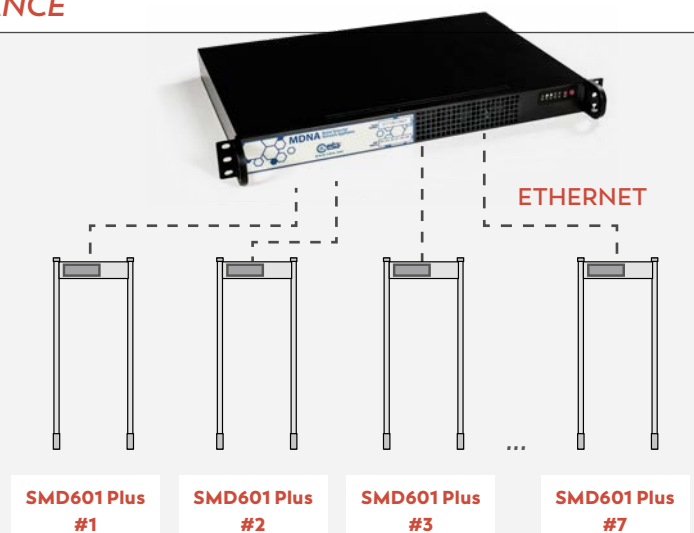
EXAMPLES OF OBJECTS THAT CAN BE PROFILED

- ✓ MEDICAL IMPLANTS
- ✓ DENTAL WORKS
- ✓ WEDDING RINGS
- ✓ EAR RINGS
- ✓ PIERCING



MDNA: METAL DETECTOR NETWORK APPLIANCE

- Share User Profiles between up to 50 networked Metal Detectors
- Allows Users to transit through any SMD601 Plus performing a single global enrollment
- Keeps a redundant copy of the User Electromagnetic Profiles
- 7 Ethernet ports to directly connect up to 7 metal detectors without additional Ethernet switches
- Full web-based User interface
- Automatically joins directly attached SMD601 Plus



CEIA - Zona Industriale 54, 52041 Vicinaggio - Arezzo (ITALY)
 T +39 0575 4181 • F +39 0575 418298 • E infosecurity@ceia-spa.com

www.ceia.net

