

MetCard TD Checkpoint

High Security Verification System



Weapons detection

Hands free identity card reading

Computer aided face recognition

Automatic access verification

Transit data logging

www.ceia-usa.com

INTRODUCTION

CEIA, the World Leader in Metal Detection Technology, has over 40 years of experience in banking, aviation, industrial and governmental security applications.

The mission of CEIA is the development of weapon detection systems and the research of new solutions for access controls, by means of magnetic fields.

FREEDOM® CARD

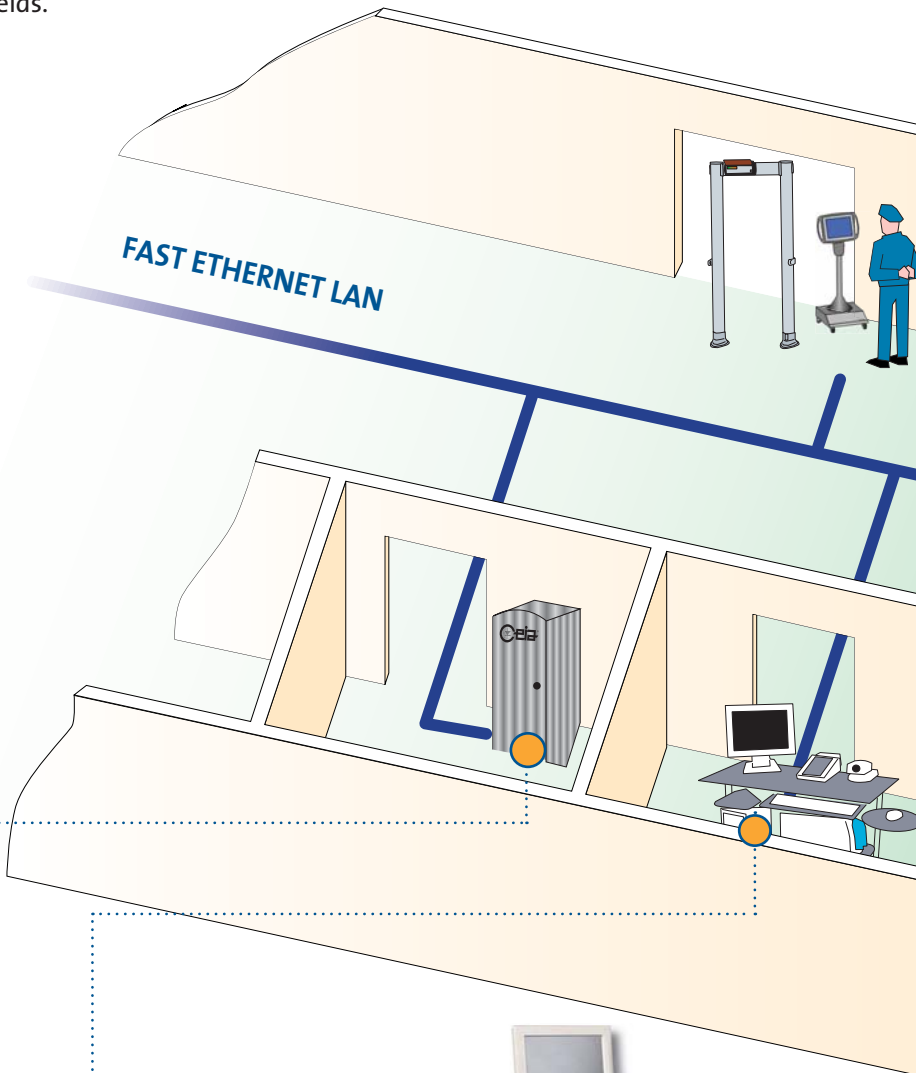
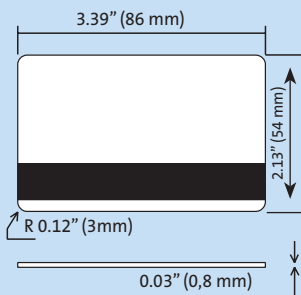
The CEIA ISO-compliant **Freedom®** access card is read, while being worn by the user in any location and orientation, by means of low intensity electromagnetic fields.

These same electromagnetic fields also provide metal detection simultaneously to insure the exclusion of weapons from the facility.

SUPPLIER
CEIA

CONFORMITY
ISO 7810
(PHYSICAL
CHARACTERISTICS)

MAGNETIC STRIPE
HI-CO OR LO-CO
(ON REQUEST)



NET **TD** SERVER

MetCard **TD** Checkpoint uses TCP/IP network protocol, thus being suitable for Local Area Networks (LANs) and Wide Area Networks (WANs).

MetCard **TD** Checkpoint comes standard with 100 Mb per second Fast Ethernet but can also be interfaced with any bus supporting TCP/IP protocol.

MetCard **TD** Checkpoint data is stored in the Net **TD** Server.

NET **TD** ENROLLMENT STATION

In order for the system to display personnel images and access authority, the personnel data must be collected and securely stored over the network. This is achieved through the use of the Net **TD** Enrollment Station which also functions as the badging station.

The personnel data is then automatically stored in the Net **TD** server. The system ensures the security of the data, and enables the editing of access authority from any PC connected to the network by authorized administrators and operators.

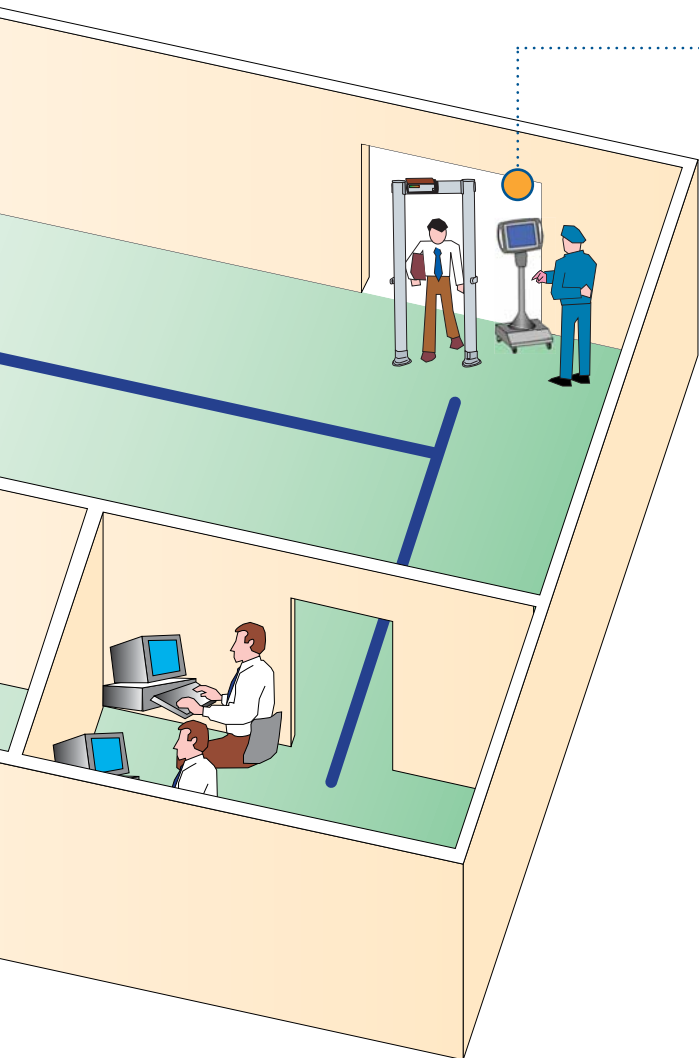


WHAT IS METCARD **TD** CHECKPOINT ?



MetCard **TD Checkpoint** is a high security system for screening personnel entering/exiting critical buildings. The MetCard technology has been developed for simultaneous weapons detection and hands-free reading of R.F. transponders.

MetCard **TD Checkpoint** provides unmatched facility security, through the efficient integration of weapons detection, on-the-fly hands free access card reading, asset tracking, biometric verification and access authority verification in one integrated checkpoint unit.



MetCard **TD** Checkpoint

The checkpoint unit, called **MetCard **TD** CheckPoint**, is composed of a walk-through gate, with built-in directional traffic lights, and an attendant kiosk.

The kiosk is equipped with a 15" Active Matrix LCD

touchscreen for an efficient Man-Machine interface, and a FastEthernet UTP port for LAN connection.

When a person enters the gate, the security officer is presented with the certified image

of the person in transit, the results of the metal detection analysis, and the results of the automated access authority verification (the right to pass through that specific gate at that specific time). Through the use of this information, the security officer can securely verify a person for entrance.



REPORTS ON ALARMS, TIME AND ATTENDANCE

Additionally, a transit log entry is generated that includes the identity of the person, direction of transit, time of transit, metal detector alarm level, and access authority violations. This information is stored on the **Net **TD**** server, for future reporting.

Info	Who is Outside?	Who is Inside?	Exit	End	Log Outside	
Pyndal	Robert	9/3/99	3:03:23 PM	-->	In:150	METCARDGATE1
Friendl	Henepetre	9/15/99	4:26:39 PM	-->	In:150	ENROLLMENT1
Subiele	Compolosca	9/9/99	3:05:49 PM	-->	In:150	METCARDGATE1
Soldberg	Gil	9/15/99	4:26:24 PM	-->	In:150	ENROLLMENT1
Johansen	Ronald	9/9/99	12:43:23 PM	-->	In:150	METCARDGATE1
Nieto	Jacques	9/15/99	4:26:38 PM	-->	In:150	ENROLLMENT1
Lanini	Cezio	9/15/99	4:26:31 PM	-->	In:150	ENROLLMENT1
Franz		9/15/99	4:26:32 PM	-->	In:150	ENROLLMENT1
MEYER	MAURILLIAN	9/15/99	4:27:14 PM	-->	In:150	ENROLLMENT1
Nikoullis	Christos	9/15/99	4:26:56 PM	-->	In:150	ENROLLMENT1
Hull	Robert	9/9/99	2:08:16 PM	-->	In:150	METCARDGATE1
Piatolin	CRISTIAN	9/15/99	4:26:26 PM	-->	In:150	ENROLLMENT1
FITEL	Laura	9/10/99	2:26:48 PM	-->	In:150	METCARDGATE1
TRILL	HAAS	9/10/99	12:04:23 PM	-->	In:150	METCARDGATE1
Valente	Luciano	9/15/99	4:27:08 PM	-->	In:150	ENROLLMENT1

TRANSIT LOG ACTUAL PASSAGE

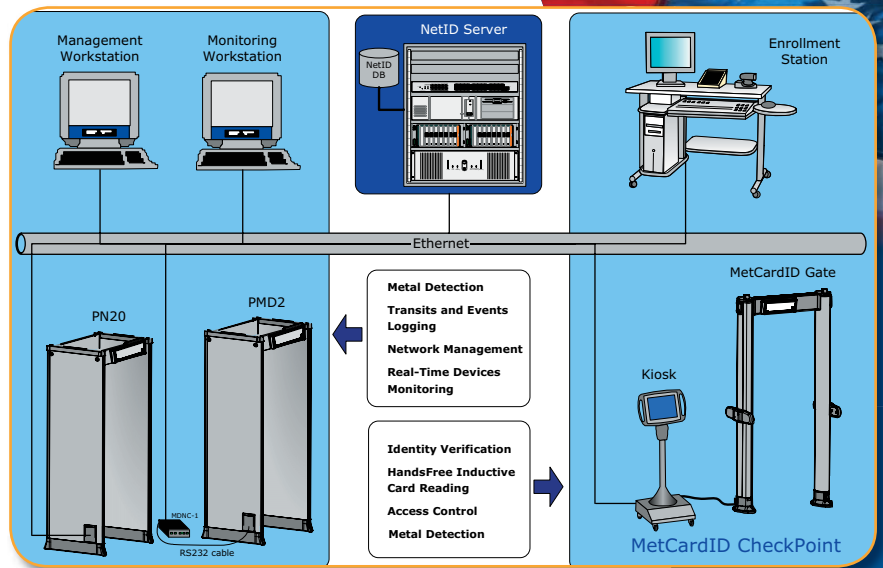
2ND PREVIOUS PASSAGE PREVIOUS PASSAGE METAL DETECTOR ALARM LEVEL

CEIA NetTD SYSTEM

The CEIA NetTD System allows to centrally manage a network of CEIA Metal Detectors and MetCardTD Checkpoints.

Through NetTD is possible to:

- Manage Metal Detectors and MetCardTD Checkpoints through an Ethernet Lan;
- Monitoring Metal Detectors and MetCardTD Checkpoints configuration and status in real-time;
- Storing Metal Detector and MetCardTD Checkpoint Events in a centralized database;
- Running statistical reports based on the aforementioned events;
- Tracking and reporting user activities;
- Adding users to the system defining access profiles.



TECHNICAL DATA

HANDS FREE READER

- Rapid reading speed
- Selective reading of only the person in transit

METCARDTD GATE MAIN FEATURES

- Immediate selection of International Security Standards.
- Detection of magnetic, non-magnetic and mixed alloys metal weapons.
- High detection speed: up to 45 ft/s (15 m/s).
- Very high immunity to both electrical and mechanical interference.
- Programming access protected by a mechanical lock and two alphanumeric passwords.
- High-integration professional electronics and maximum reliability.

METCARDTD KIOSK MAIN FEATURES

- Structure in stainless steel (AISI 304).
- 15" TFT Monitor with integrated touchscreen.
- 100baseT Ethernet Controller.

INSTALLATION DATA

- Power Supply: 115 / 230 VAC, $\pm 15\%$, 45-65 Hz, 70 VA MAX.
- Operating temperature: from -4°F to 158°F (from -20°C to $+70^{\circ}\text{C}$).
- Relative humidity: from 0 to 95% (without condensation).

CERTIFICATION AND CONFORMITY

- Harmless to wearers of pacemakers, defibrillators or other vital support systems, pregnant women and magnetic storage media (floppy disks, audio cassettes, video cassettes and similar).
- Conforms to the current International Security Standards for Walk-Through Metal Detectors.
- Complies with EC Regulations and International Standards relating to Electrical Safety and Electromagnetic Compatibility (EMC).

ALARMS

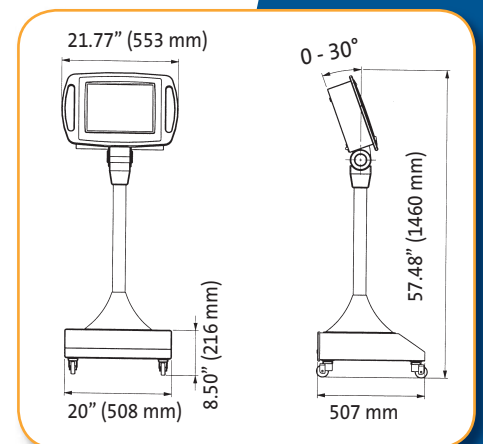
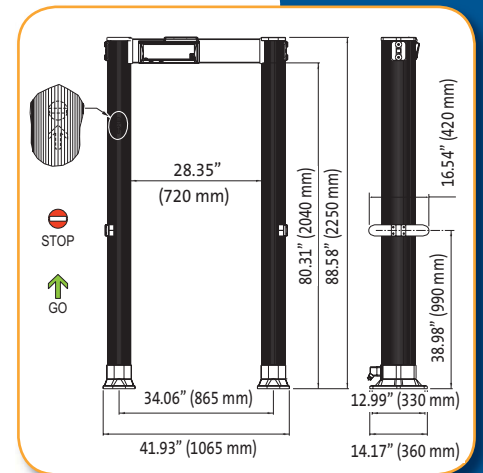
VISIBLE SIGNALS

- Bright L.E.D. green and red alphanumeric display.



AUDIBLE SIGNALS

- High acoustic intensity alarm signal.
- Volume and tone of alarm signal can be programmed.
- All information and data are displayed on a large 15" Active Matrix LCD touchscreen mounted on the kiosk.



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