








INTEGRATED PERIMETER PROTECTION SOLUTION



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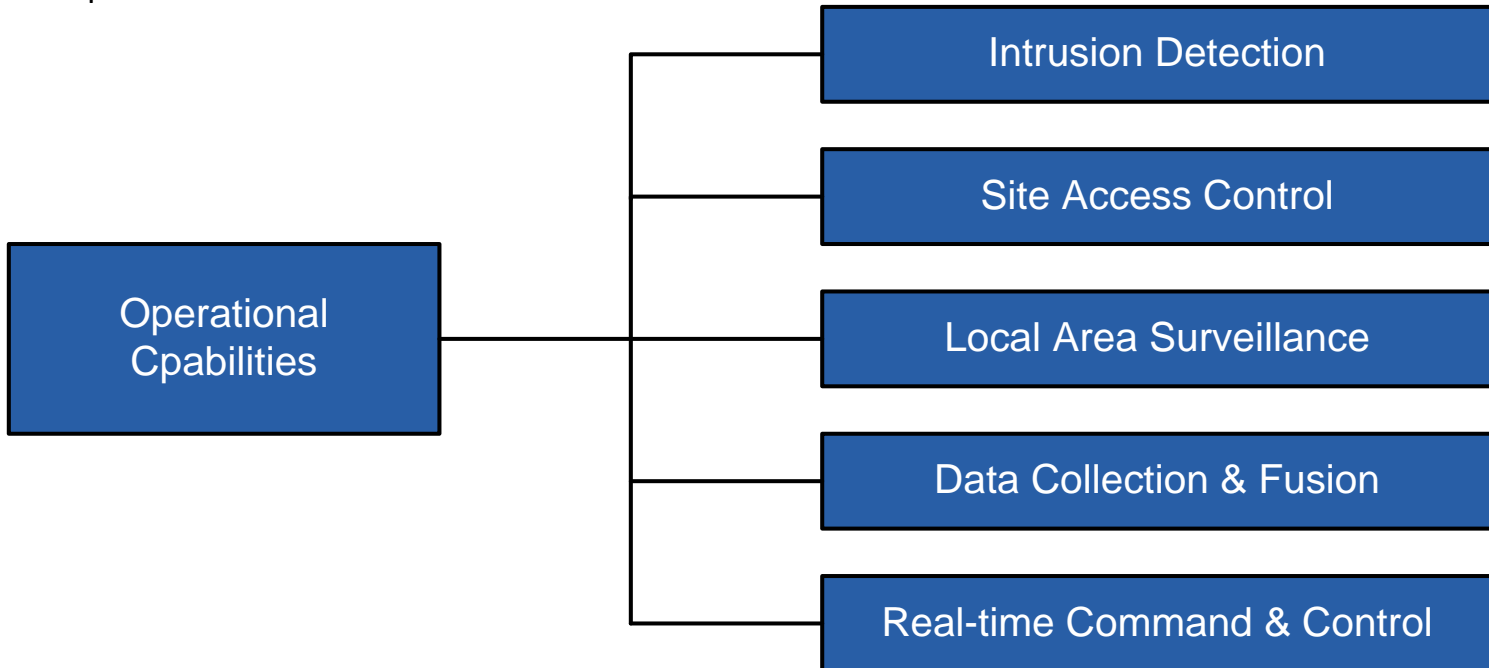
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	• Command & Control Center
	• Special Security Subsystem

Operational Capabilities



A security dashboard interface. At the top, a large box displays the word "Protected". Below this, there is a central shield icon with a keyhole, surrounded by a grid of data points. To the right, there are several smaller panels containing diagrams, charts, and icons, including one with "AI" and another with a shield and a key. The overall theme is dark blue and black with white and light blue highlights.

Starting from the objectives and through the application of proven methodology, a set of micro capabilities have been defined.



Activities & Functions

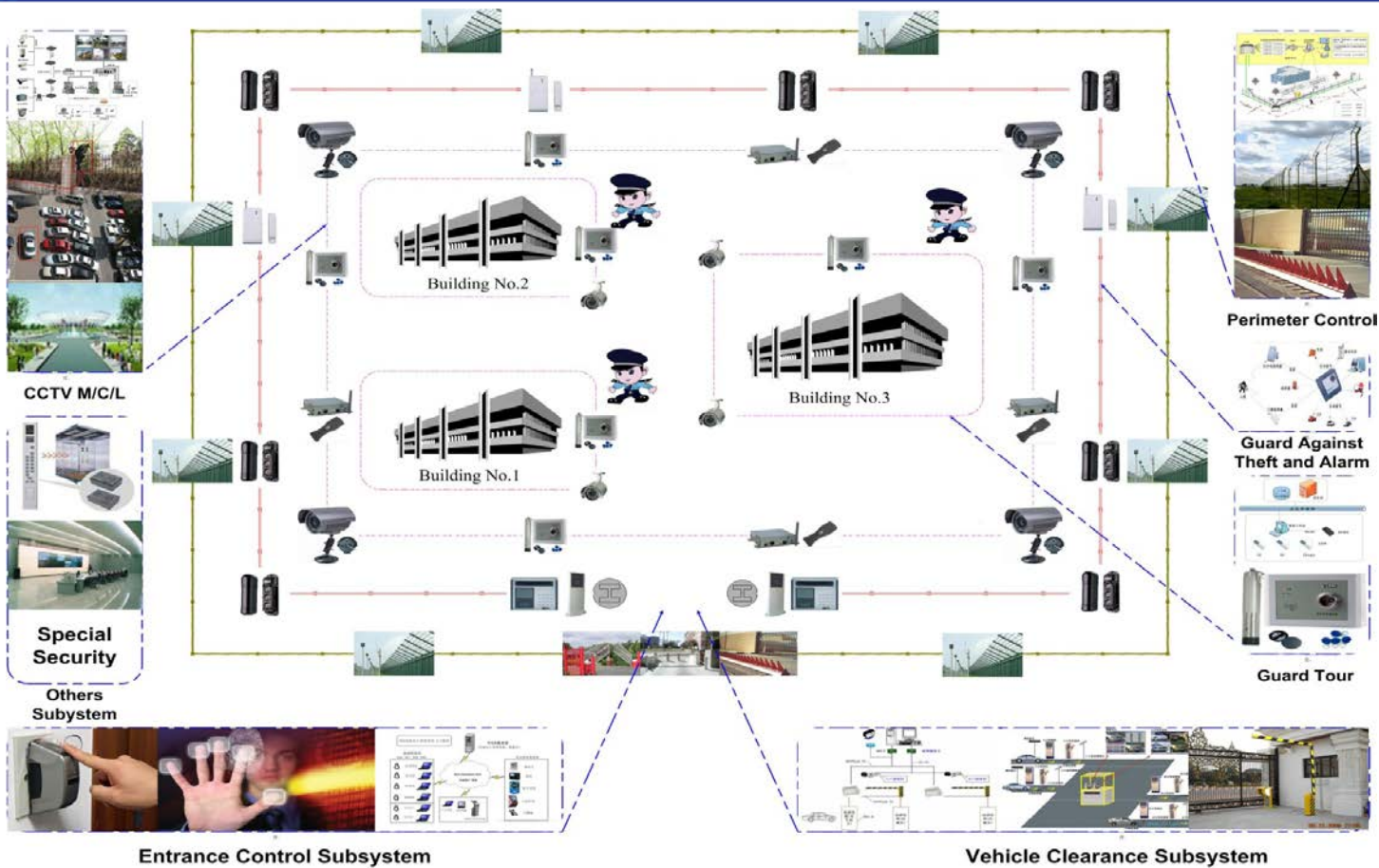


A monitor displaying a security dashboard with the word "Protected" at the top. The dashboard includes a shield icon with a keyhole, a flowchart, and various data visualizations.

Protected

The dashboard features a central shield icon with a keyhole, surrounded by text. To the right, there is a flowchart and a section labeled "AI". Below these are several data visualizations and control panels.

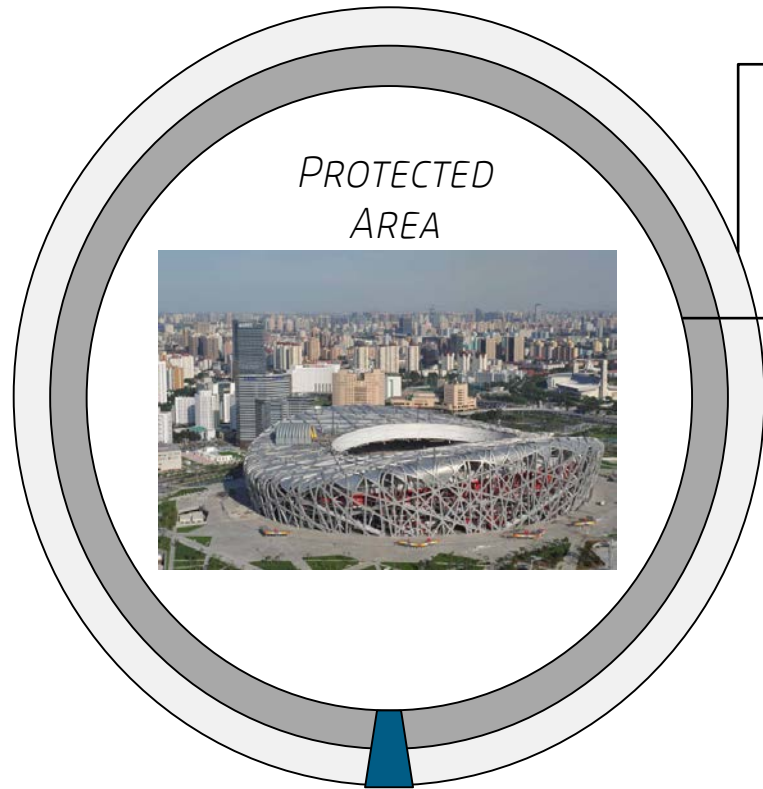
Activities & Functions



Intrusion Detection



The monitor displays a security dashboard. At the top, the word "Protected" is written in a large, light blue font. Below it is a shield icon with a keyhole in the center, surrounded by a grid pattern. To the right of the shield is a complex interface with various panels, including a flowchart, a shield icon with a checkmark, and a panel with the letters "AI".



PROTECTED
AREA



PERIMETER
FENCING

ACTIVE BARRIERS +
INTELLIGENT CCTV

The system comprises:

LEAKAGE CABLE INTRUSION PROBE

E-FENCE

CCTV WITH INTELLIGENT VIDEO ANALYSIS

OTHER SENSORS

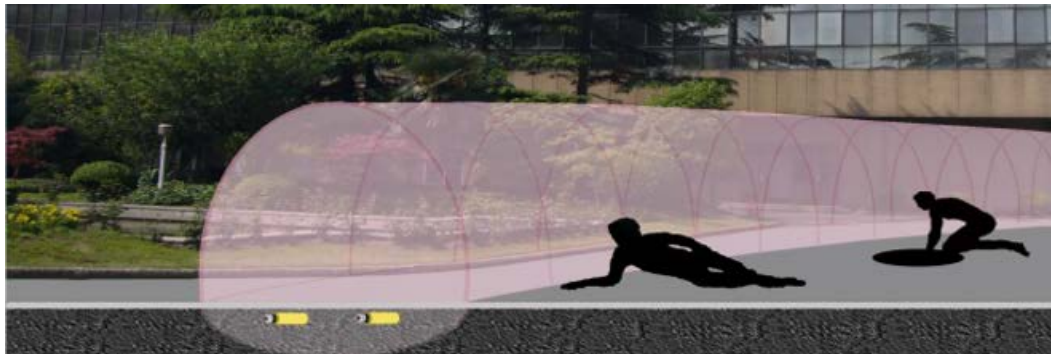
SITE ACCESS CONTROL

Perimeter Control Subsystem

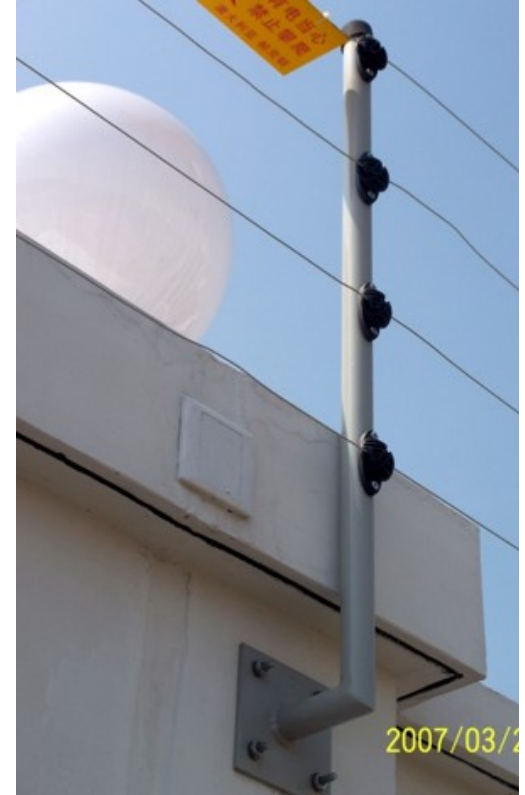
- **Function:**
 - *EARLY DETECTING SUSPICIOUS BEHAVIOR OR INDIVIDUALS ABOUT THE BORDER*
 - *FORESTALLING AND AVERTING THE DAMAGE OR THREAT IN ADVANCE*
 - *DETECTING ILLEGAL ENTRY*
- **Product:**
 - *VIDEO MONITORING SYSTEM*
 - *LEAKAGE CABLE INTRUSION*
 - *PROBE*
 - *E-FENCE*
 - *INFRARED SENSOR*
 - *OTHER SENSOR*



Leakage Cable Intrusion Probe



E-Fence System



Intelligent Video Analysis Application



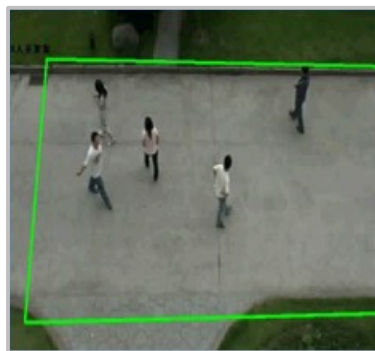
No.	Features of intelligent analysis
1	Enter the area
2	Place and pick up items
3	Leave the area
4	hang about
5	Regional invasion
6	Staff gathering
7	Parking
8	Fast moving
9	Counting people
10	Auto tracking
11	Recognition of the car plate



INTO REGION



SUSPICIOUS OBJECTS



PEOPLE GATHERING



ILLEGAL PARKING



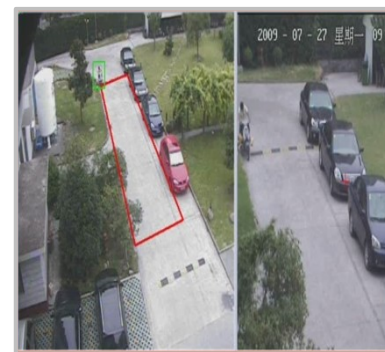
TARGET HOVERING



COUNTING PEOPLE



REGIONAL INVASION



INTELLIGENT TRACKING

Site Access Control



The system comprises:

People scanning

Article scanning

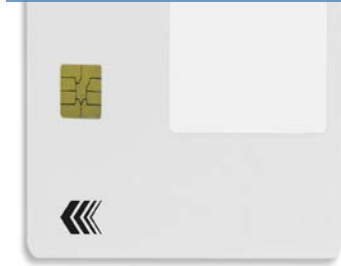
Identity recognition

Barriers

Site Access Control improves security filtering people and goods entering and leaving a site.

Site Access Control

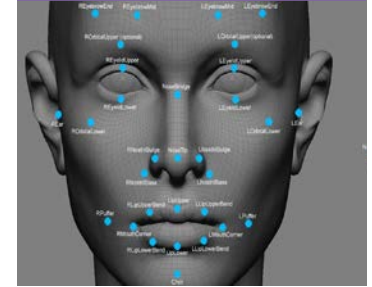
Smart Card



Fingerprint Scanner



Facial recognition System



Function:

- Generating alarm automatically
- Displaying alarm information
- Generating time and attendance report
- Identifying authorized/authorized person
- Realizing classification management
- Tracking the very important person

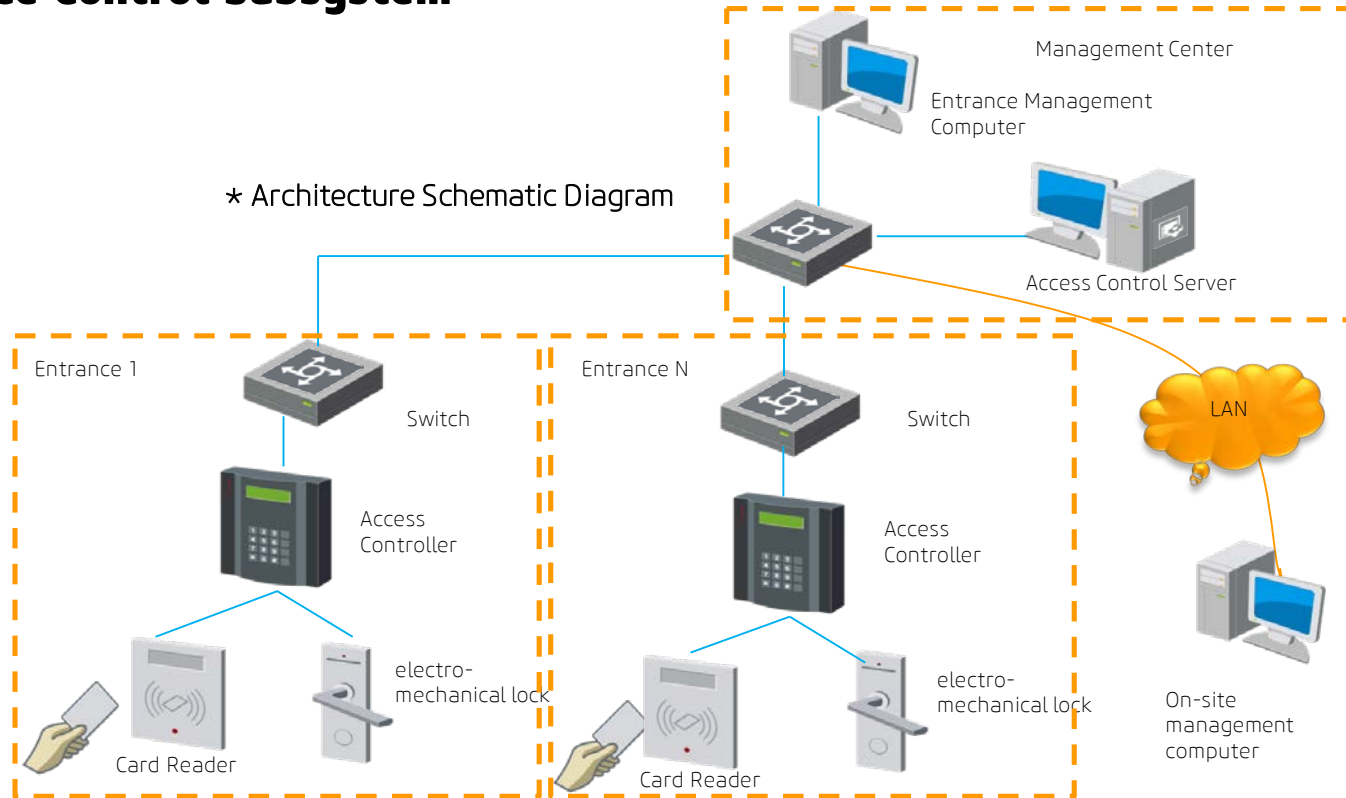
CCTV Surveillance System



Security Checking Equipment

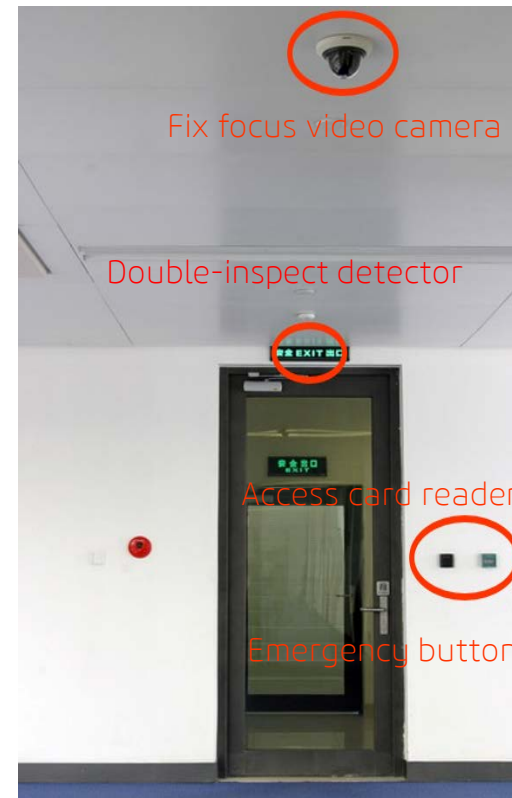


Entrance Control Subsystem



Entrance Control Subsystem

Products



Fix focus video camera

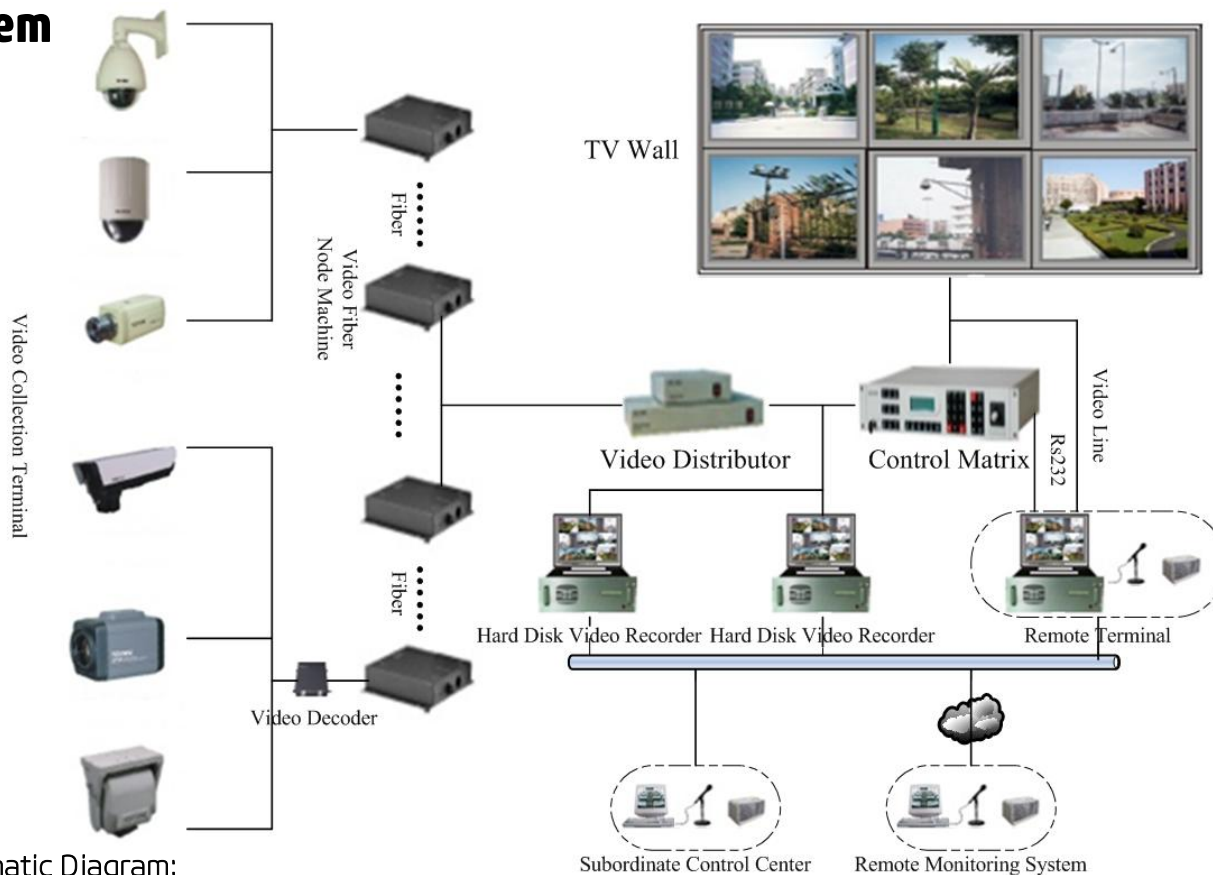
Double-inspect detector

Access card reader

Emergency button

Site Access Control

CCTV Subsystem



* Architecture Schematic Diagram:

CCTV Subsystem

Products

01



Outdoor Speed Dome

02



Outdoor Speed Dome

03



Semi Dome

04



IP Camera

05



Auto Focusing Camera

06



Indoor Speed Dome

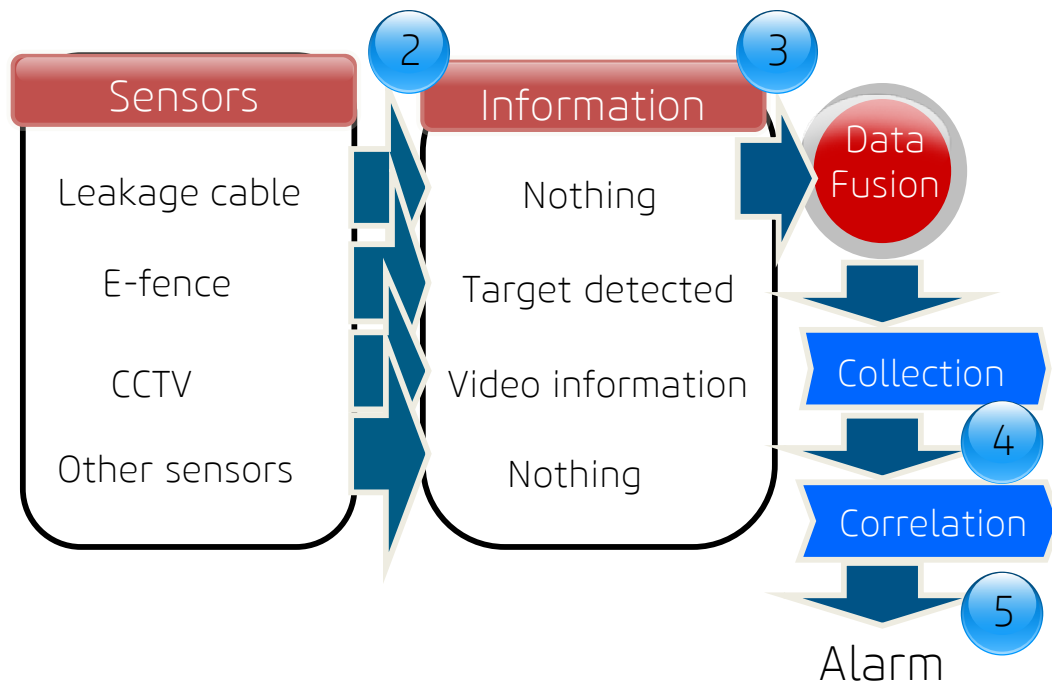
Data Fusion-Recognition



A security dashboard displayed on a computer monitor. At the top, the word 'Protected' is shown in a large, light blue font. Below this, there is a central shield icon with a keyhole, surrounded by a grid of data points. To the right, there are several smaller panels containing various security-related icons, charts, and text, including a prominent 'AI' icon. The overall theme is dark blue and black with light blue highlights.

Data Fusion-Recognition

Information coming from a single source is sometimes incomplete, uncertain and ambiguous. Correlation techniques enable to minimize the probability of lacked threat detection and false alarms.



Use case:

- Step 1: a site to protect (e.g. a base) is provided of several types of sensors.
- Step 2: every sensor collects different type of information.
- Step 3: information are elaborated by Data Fusion.
- Step 4: information are correlated
- Step 5: the correlation of the different information enables to identify correctly a potential threat (alarm).

In a high complexity environments, the ability to correctly interpret collected data is determinant to effectively face threats maximizing potential alarm detection.

Command & Control Center



The monitor displays a security dashboard. At the top, the word "Protected" is written in a large, light blue font. Below this, there is a central shield icon with a keyhole in the center, surrounded by a grid of data points. To the right of the shield, there are several smaller panels and charts, including a flow diagram and a panel with the letters "AI". At the bottom right, there are several control buttons and a small map or location indicator.

Command & Control Center

The Command & Control Center (C2) enables the real-time monitoring of all systems sites and the management of the system resources in order to guarantee security and safety.

The Command & Control Center is the logical central point of a distributed security and defense architecture.

Information is collected and correlated to enable total control of the target system and the management of all the available resource to face any crisis or emergency.



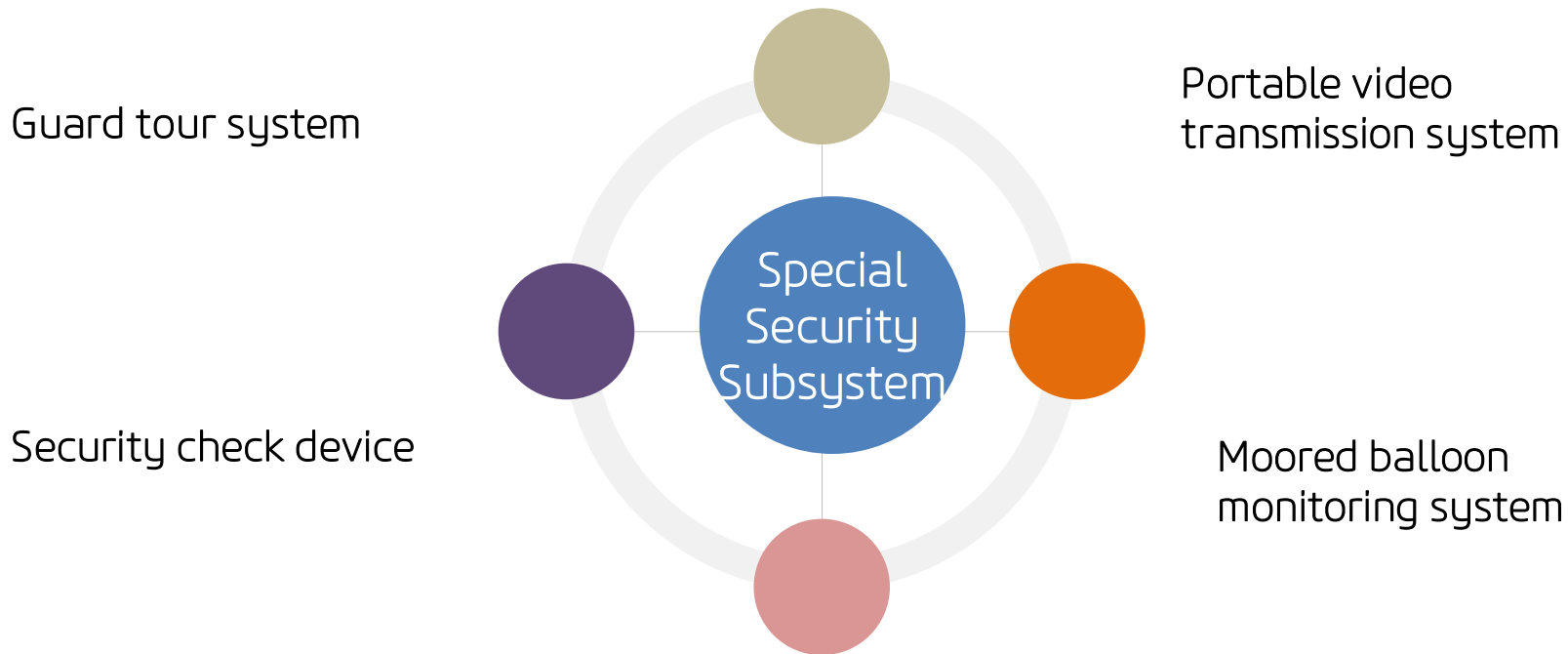
C2 design and implementation is critical to guarantee effective and efficiency of any security and defense solution.

Special Security Subsystem



A security dashboard interface. At the top, a large box displays the word "Protected". Below this, there is a central shield icon with a keyhole, surrounded by a grid of data points. To the right, there is a section labeled "AI" with a shield icon and a graph. The dashboard includes various charts, graphs, and data points, all rendered in a dark blue color scheme.

Special Security Subsystem



- Function:
 - Recording the information of guard tour time/person and some common issues
 - Evaluating the performance of security person
 - Management of safe guard tour and polling

Product:

- Guard tour machine
- Personnel card
- Information button



Guard Tour Subsystem



Using the guard tour machine
to collect the information

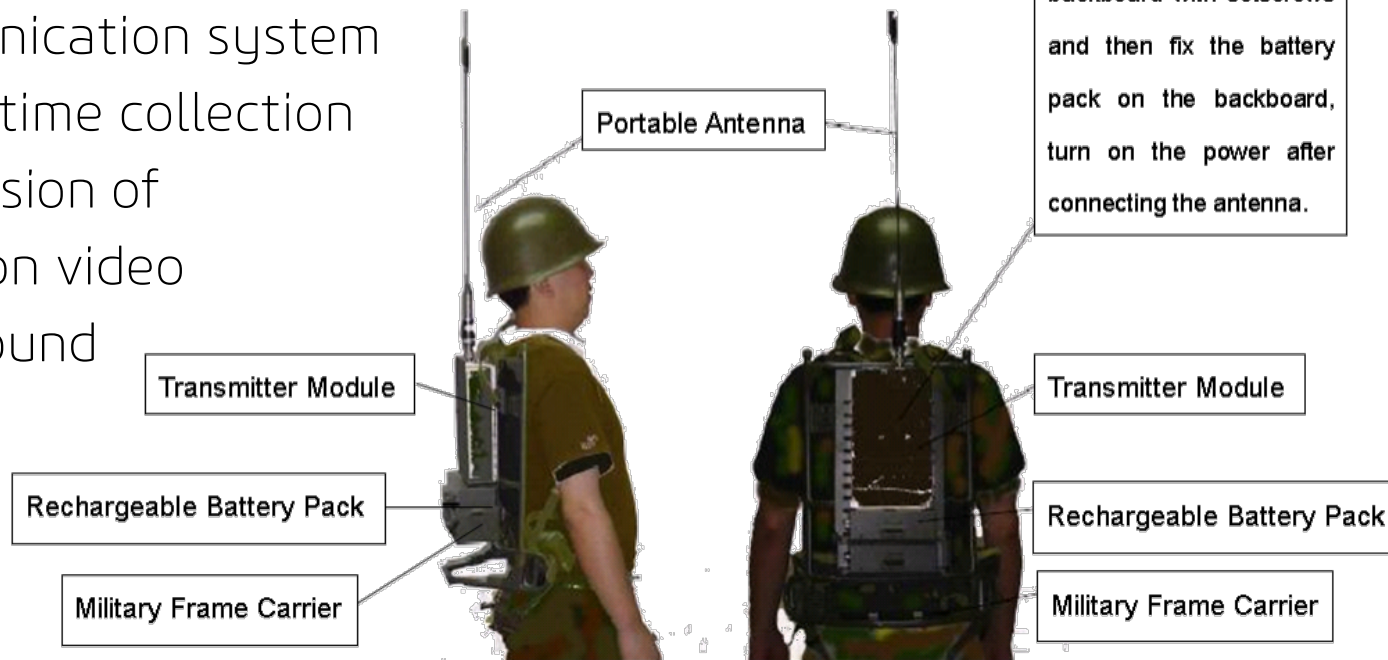


Receive the information from
information button

Mobile High-definition Video Transmission

- Mobile High-definition Video Transmission System (Portable) :

- Adopting several advanced technology of 3G and B3G mobile communication system
- Realizing real-time collection
 - and transmission of
 - high-definition video
 - image and sound



Ballon Monitoring and Surveillance



Night Time

Wide Coverage
Better low altitude performance



Balloon

Camera
Radar



Day Time

More warning and reaction time
High mobility payload

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SECURITY





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