SNaps
Security Nagios Advanced Perimetral System

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Who I am

Jorge Higueros

- 10 Years IT Experience
- Master IT security Systems
- Cobit 5 Certified
- Offensive Security Certified
- ITIL V3 Service Operation
- ISO 20000 Implementing
- PCI Auditor

Introduction

Physical security is one of the most overlooked aspects when designing a computer system. While some of the issues discussed below are expected, others, such as the detection of an internal attacker to the company that tries to physically access an operating room the same, no.
This can lead to an attacker that is easier to achieve and make a tape copy of the room, trying to access the same logical way.

The main threats are expected in physical security are:

- Natural disasters, storms accidental fires and floods.
- Threats caused by man.
- Unrest, internal and external deliberate sabotage.

Benefits

- Minimizes risk
- Removes need for multiple or remote command centers
- Integrates and analyzes information from disparate traditional physical security
- Proactively resolves security-related or emergency situations with real-time
- Presents standard operating procedures
- Provides real time compliance auditing and reporting

Agenda

- The Importance of Phisical Security
- Components of Physical Security
- Why???????
- Monitoring and Physical Security Perimeter
- SNaps
- Alerts System
- Mobile APP
- Expandable Architecture
- Reports

The Importance of Phisical Security

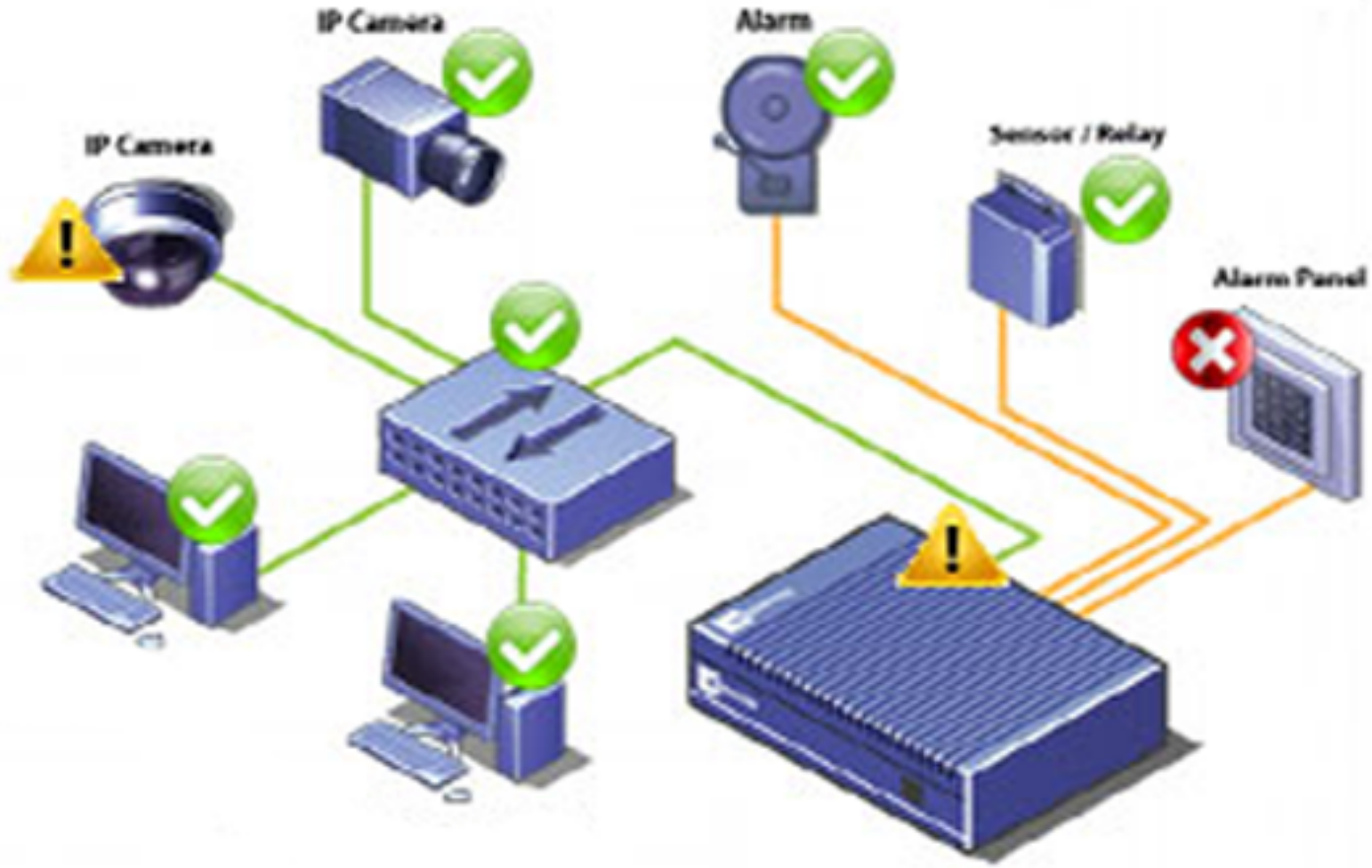
Physical security is a key for companies and institutions in general factor, as having access to the facilities, or compromising the physical integrity of the information system of boxes and vaults.

The Importance of Phisical Security

Threats to physical security include:

- Interruption of services
- Theft
- Physical damage
- Unauthorized disclosure
- Loss of system integrity

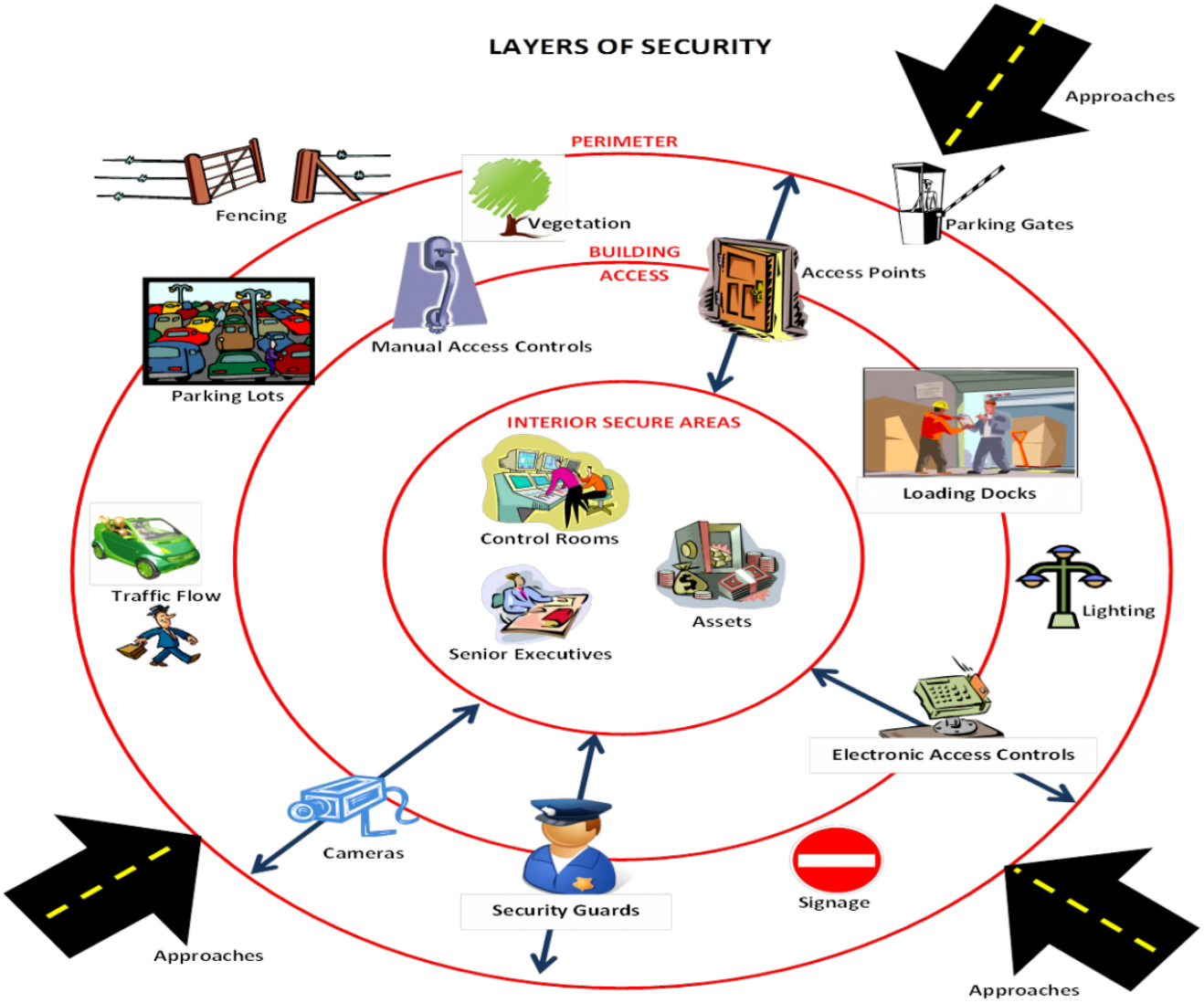
Diagram



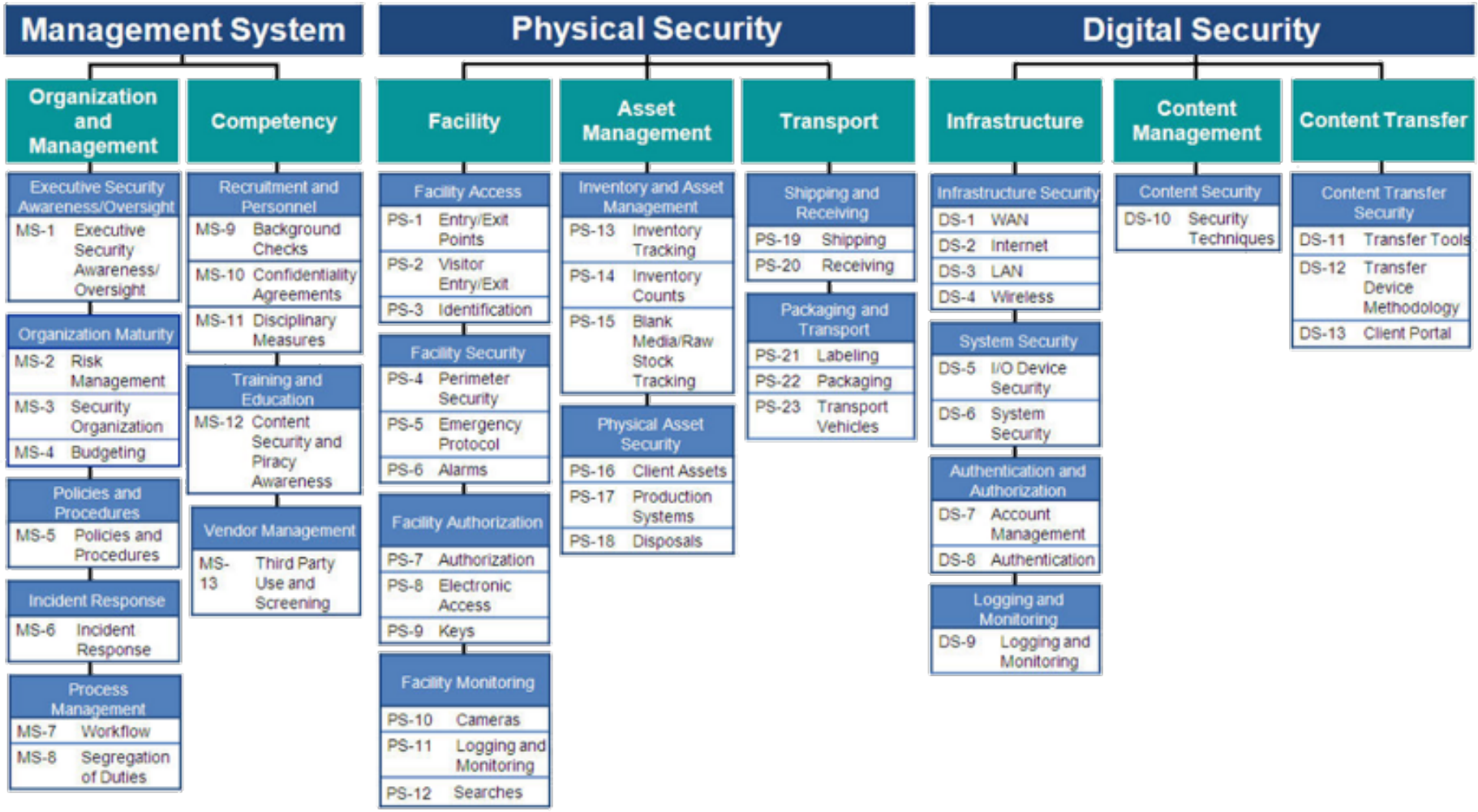
The Importance of Phisical Security

- Physical security, like general information security, should be based on a layered defense model.
- Layers are implemented at the perimeter and moving toward an asset.
- Layers include: Deterrence, Delaying, Detection, Assessment, Response

Components of Physical Security



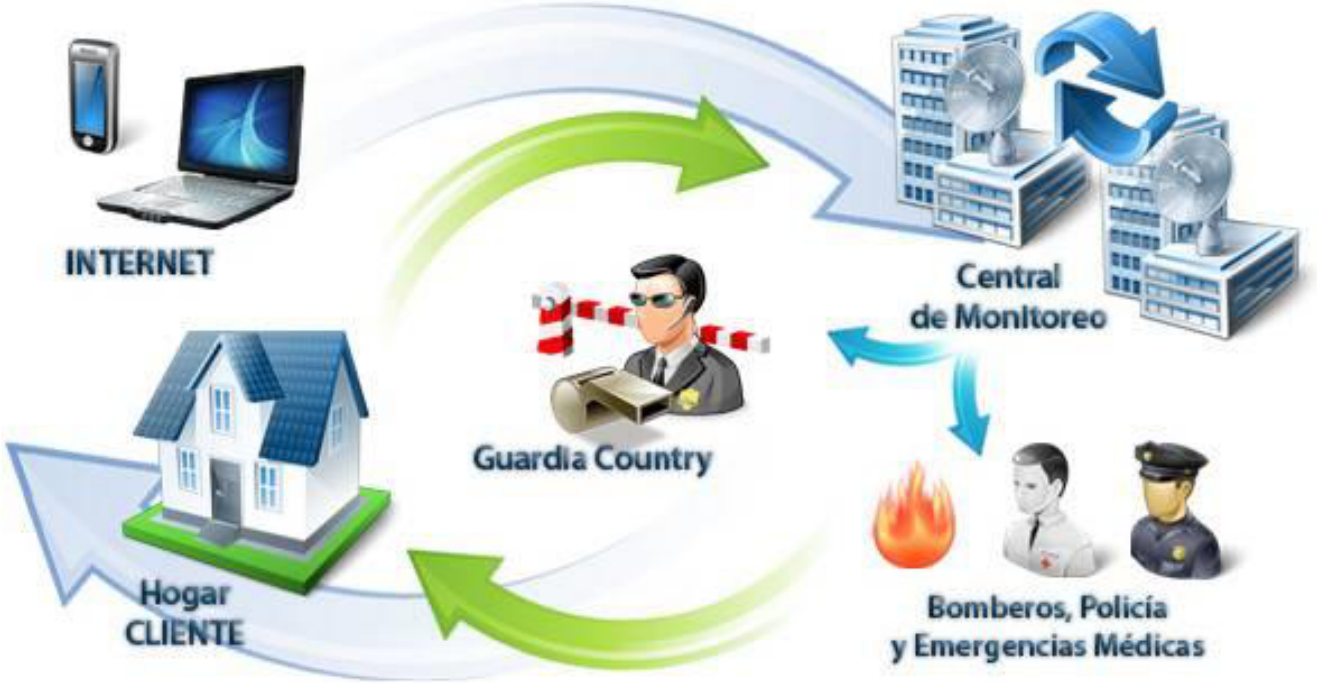
Policy Compliance Physical Security




WHY?

Monitoring and Physical Security Perimeter

The safety monitoring activities help protect a business from threats within the company as well as external threats.



Monitoring and Physical Security Perimeter

External security activities focus on the physical security of facilities or buildings, as well as measures to protect the business from intrusions, either physical or through the computer network.

SNaps

Nagios Perimeter Security Appliance System (SNAPS) is a solution to:

Monitoring:

- Banks
- Companys all types
- Houses
- Malls

SNaps

- It provides a centralized view of all security features lets us know state they are in and if something is malfunctioning, or has activated an alarm or sensor.

SNaps

Unified Security solution SNAPS provides proactive management and monitoring of the main elements of physical security:

SNaps

Alarm System

Security Camera Monitor Status

Cut Energy Sensors:

Sensors integrated environment:

Temperature

Humidity

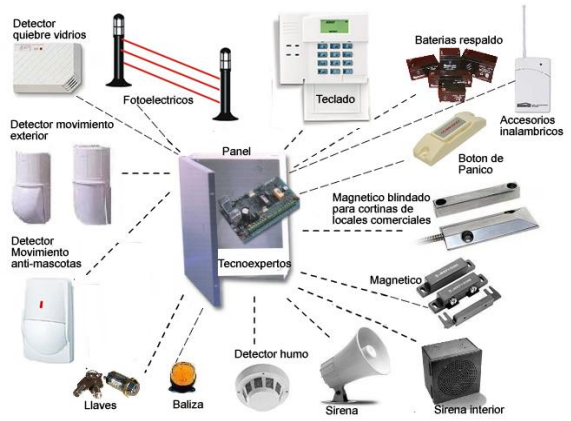
Smoke

SNaps

Cut Fiber Sensors and Communications

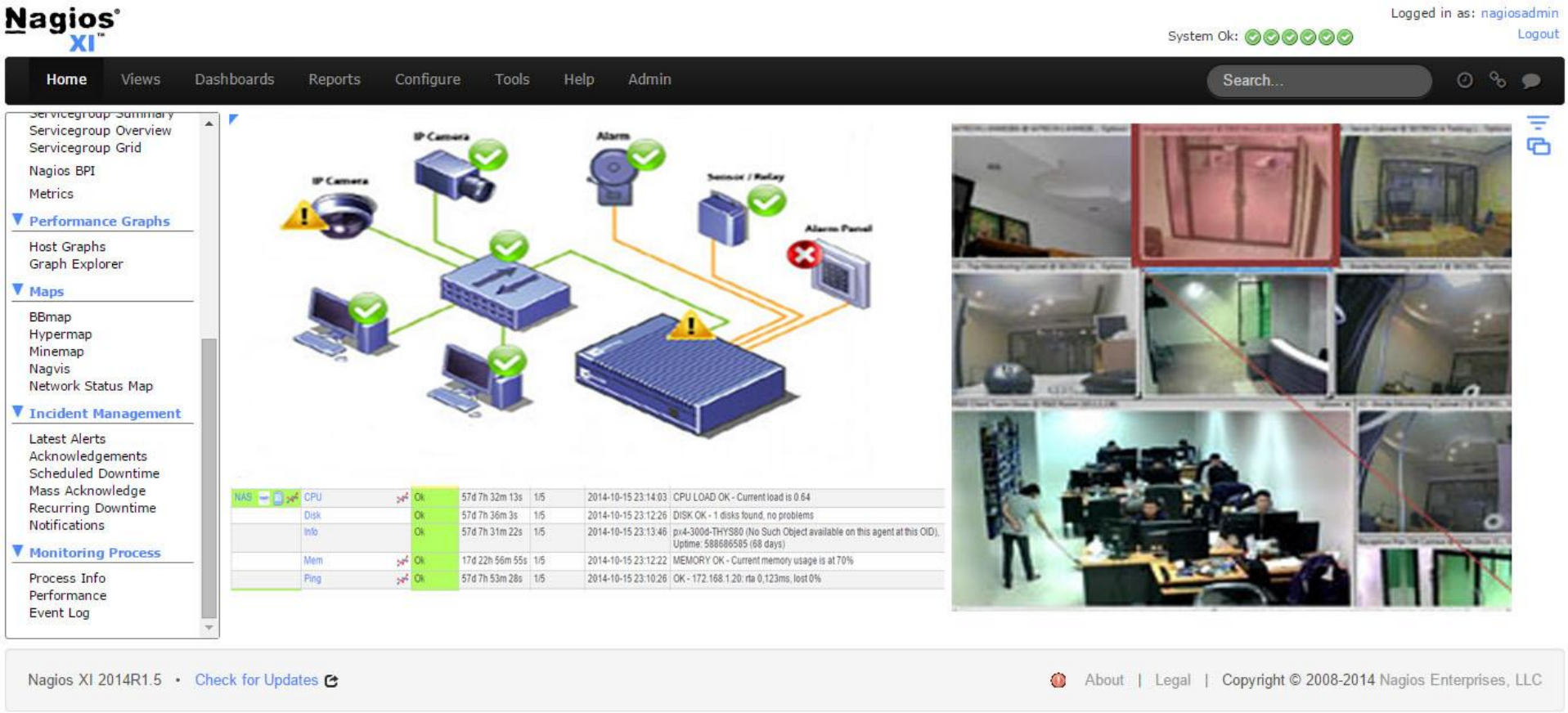
Infrared barriers

Own energy system which can power up all the components up to 2 hours



Process Monitoring With SNaps

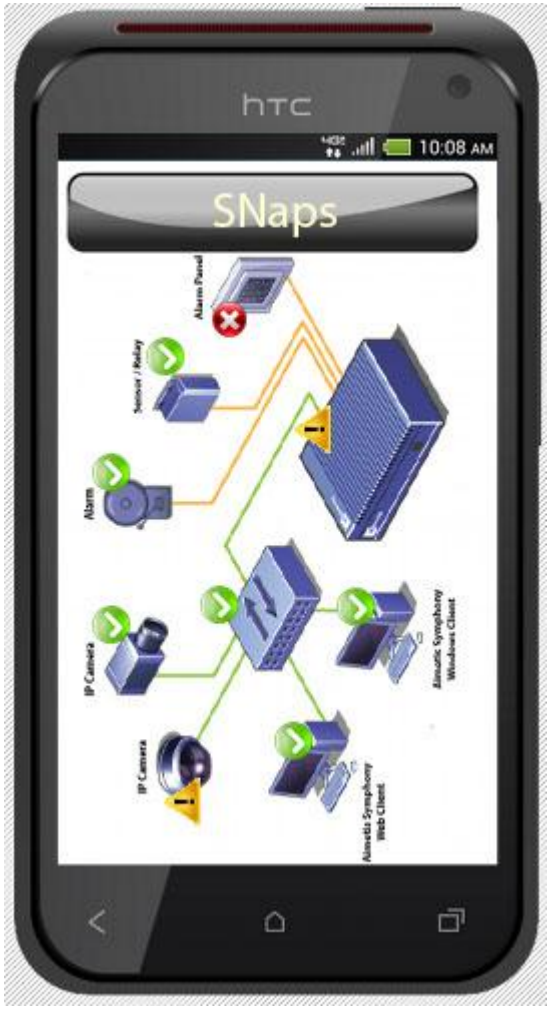
SNaps Dashboard

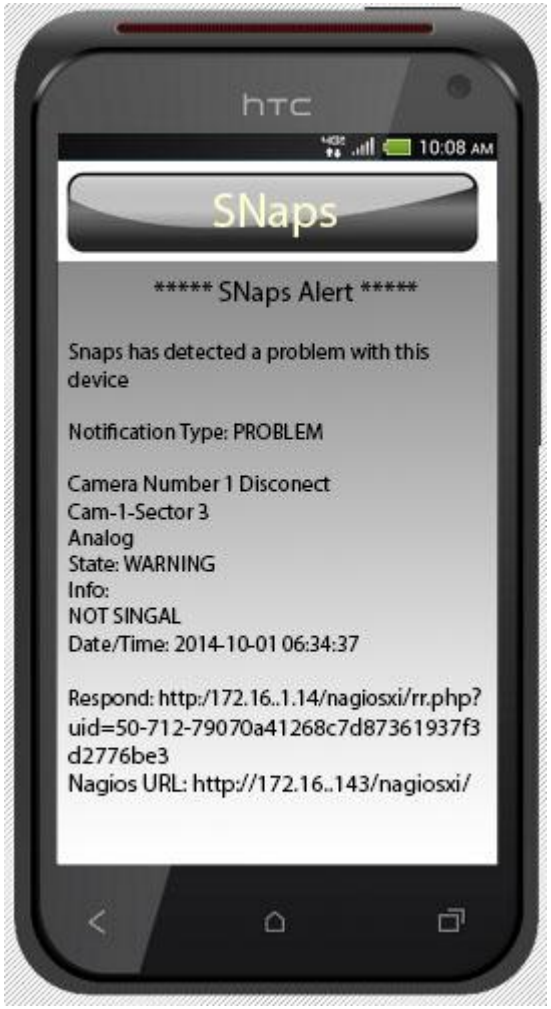


Alert System

- SNAPS: Reports in real time (email, SMS, jabber Telegram, WatsApp) problems that may arise within the perimeter security components.

Snaps Mobile

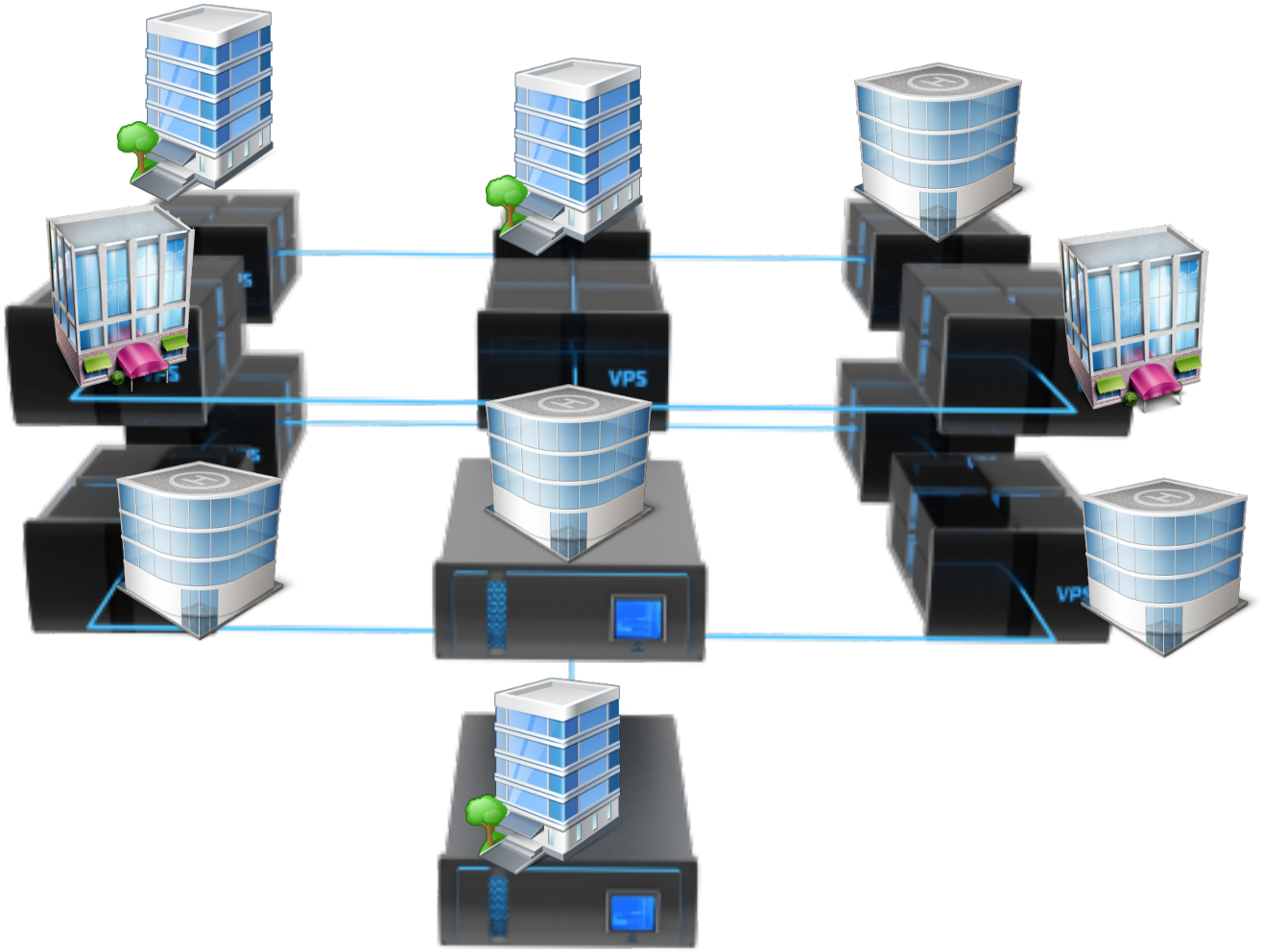




Expandable Architecture

Easy integration with internal and third-party applications, as well as replication of number of SNaps Within the SOC reporting infrastructure.

Expandable Architecture



Reports

Reports: Ensures that established SLA levels are achieved, providing historical vision of incidents, notifications, and alert response for later analysis.


No problem. We get questions from alien invaders all the time.
INFO