

Behind the Line

Digital Success or Not



Successful management of cash occurs with the least amount of touches.
This will always be challenge when human error is possible due to process
in addition to the use of technology.



The question proposed - Are we successful with digital implementation or not?



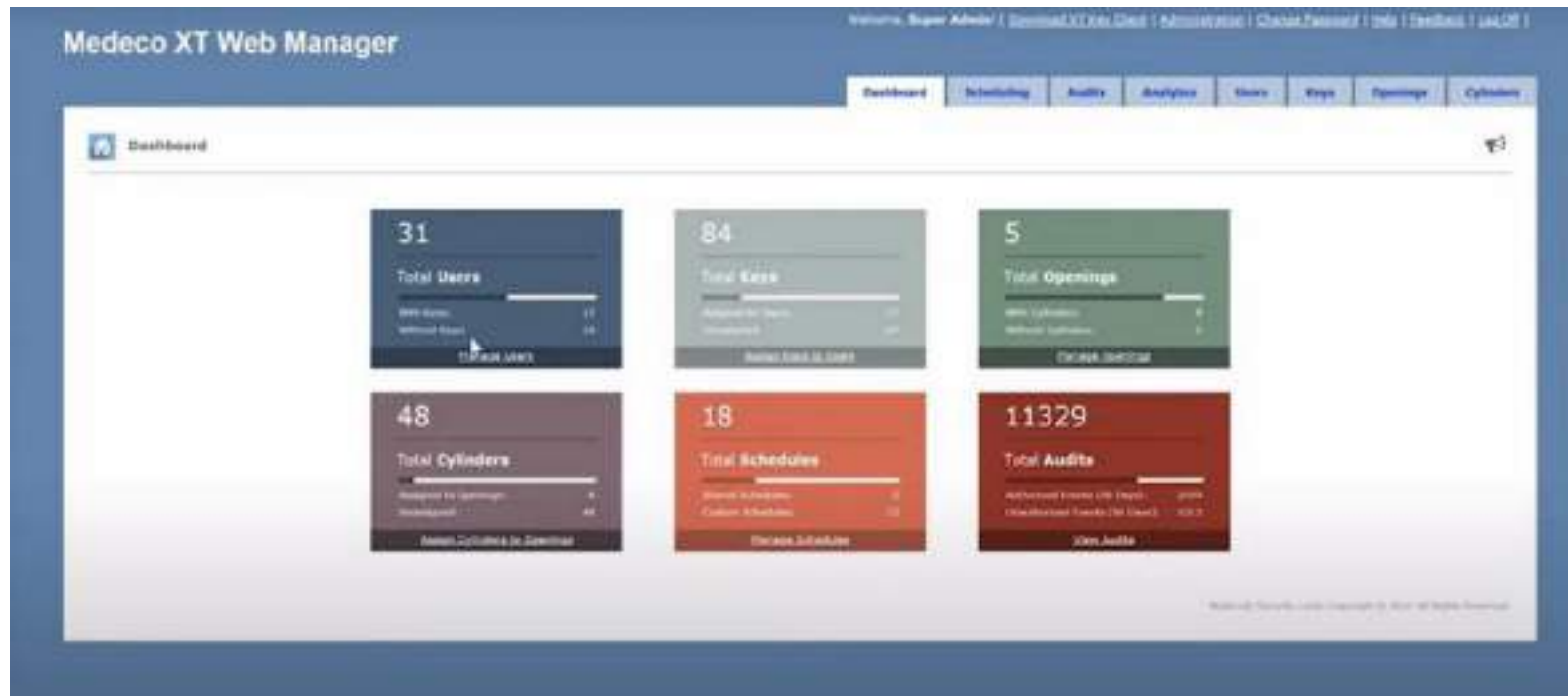
- 1) First question do we need it?
- 2) What is the benefit?
- 3) What is the cost of ownership?
- 4) What if?



The question proposed - Are we successful with digital implementation or not?

1. Do we need it?

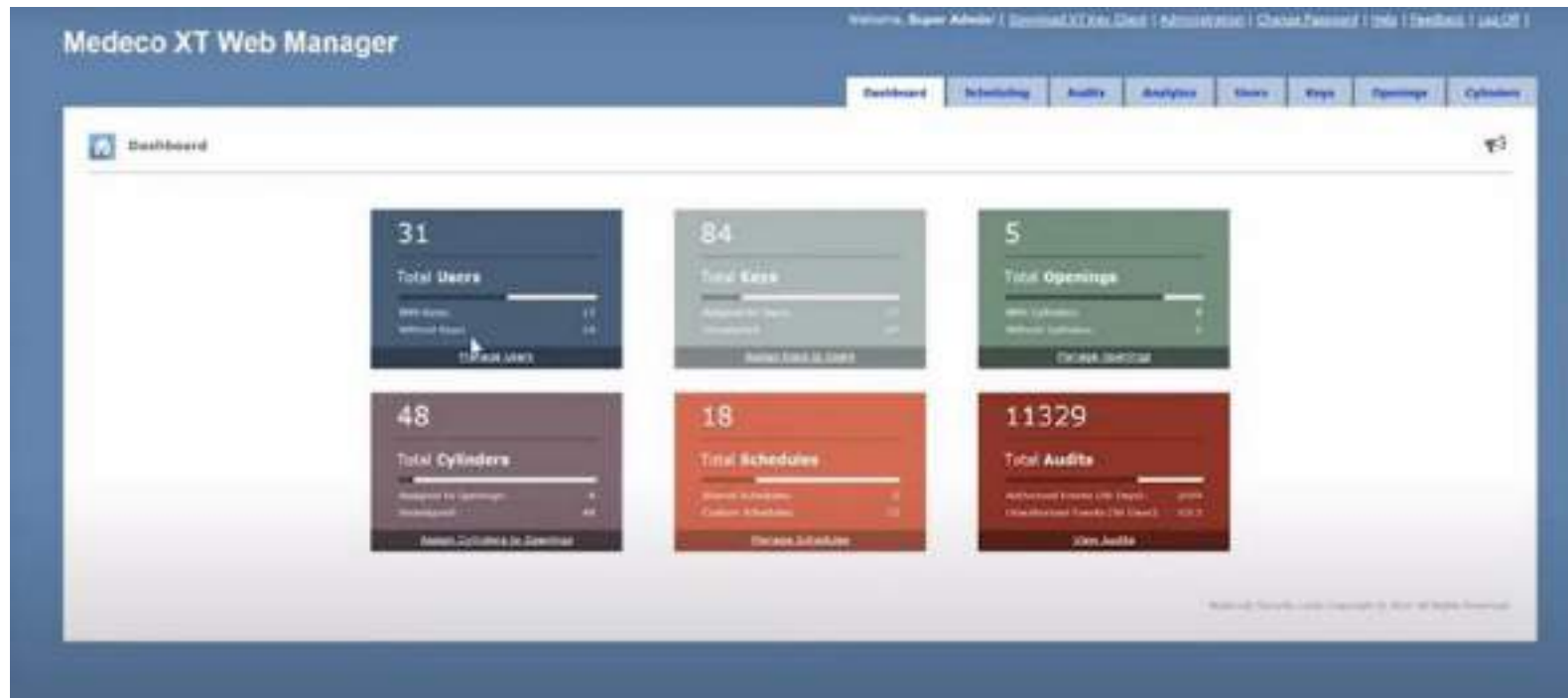
The answer is yes, regardless of the scale. A digital platform allows you to manage the risk, by time, date, person(s) as well managing by time, date or person.



The question proposed - Are we successful with digital implementation or not?

- 1) Do we need it?
- 2) **What is the benefit?**

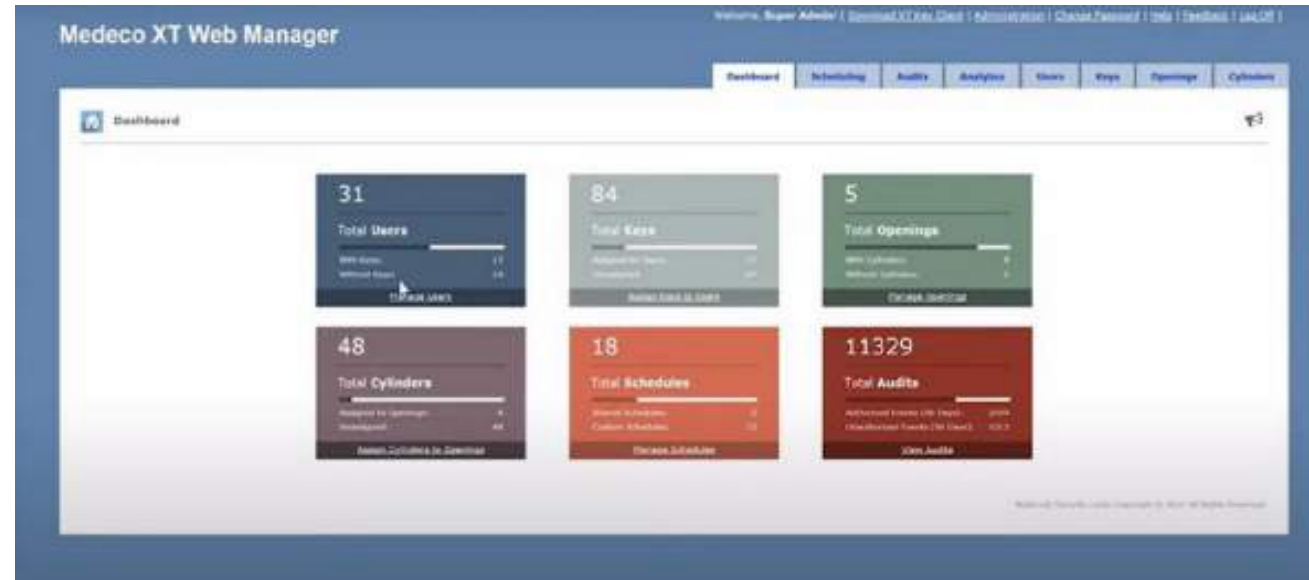
The ability to manage your customize destiny without the need of investing in R&D, trials or hard and soft associated costs. The current platforms have what you require, in addition to what you would like to have. Ability to know before and manage to, in place of reactive and managing after.



The question proposed - Are we successful with digital implementation or not?

- 1) First question do we need it?
- 2) What is the benefit?
- 3) **What is the cost of ownership?**

The ability to manage within for employee and staff and or if elected, your customer.
Diminish the need to rely on other services as often or frequent.



The question proposed - Are we successful with digital implementation or not?

- 1) First question do we need it?
- 2) What is the benefit?
- 3) What is the cost of ownership?
- 4) **What if?**

The opportunity attracting employees, retaining them, customer convenience and reliability.





ROLLAND
SOLUTIONS

Tracie Bales

Business Development Manager – Financial Vertical

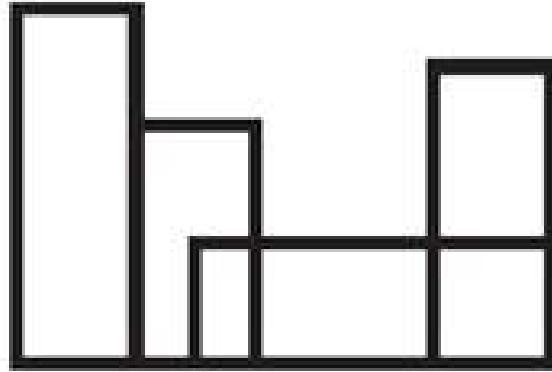
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BOSCH

Invented for life



INTRUSION SOLUTIONS
YOU CAN BUILD ON

EARLY DETECTION....

DETERRENCE....

NOTIFICATION....

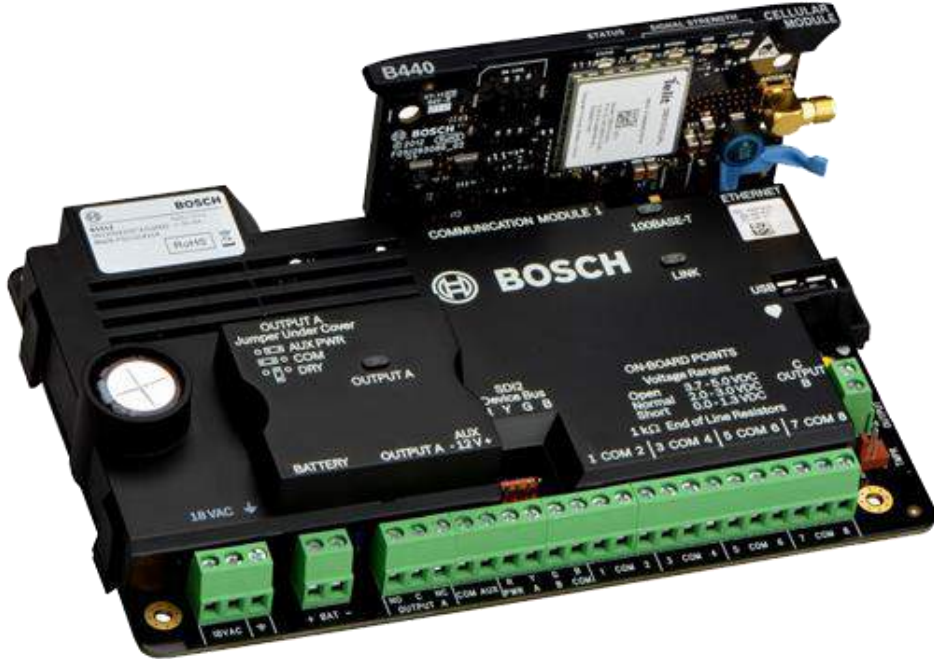
Intrusion in financial & commercial applications

Share many similarities:

- ▶ Multiple access points (doors/windows)
- ▶ Times when access is free to the public
- ▶ Customers/clients/patients/students present
- ▶ Times when no one should be there
- ▶ Risk day and night



Intrusion Solutions – It all starts with a panel



Building a solution





Application Solutions

Protecting Perimeter Doors

Ensures that perimeter doors have not been propped open

- Use monitor delay and delay response
- Send a local alert / supervisory report depending on time



Application Solutions

Using Emergency Doors

Monitor emergency exits to ensure no one uses them when they are not supposed to

- Use 24 hour points, local when disarmed



Application Solutions

Controlling Traffic Flow

Limit access to sensitive areas such as the vault, safe room, and manager's office





Application Solutions –Monitor Delay

Reduce loss due to error

Ensure that teller drawers have not been left open

- Use monitor delay and delay response



Application Solutions-Auto Rearm

Ensuring Security for Sensitive Areas

Ensure that critical areas such as an ATM, safe/vault rooms are not left disarmed



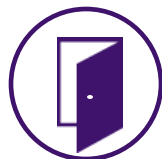
Application Solutions: Early Ambush

Requires a passcode be entered twice
within a specified time period,
or else the control panel generates a duress event



Application Solutions

Integrated Access Control



32 doors



2000 users



32 user groups



Scheduled access events



Control doors from mobile app



Application Solutions

ATM PROTECTION SOLUTION



ATM Protection Kit: Hook-n-Chain Attacks, Skimming, Jackpotting, Vandalism

- **Early Detection:** Camera Analytic detects person, vehicle moving in wrong direction
- **Deterrence:** IP Speaker/ Siren/ Strobe lets the criminals know they have been seen
- **Notification:** Alarm panel communicates with central station for rapid response/ video verification

ATM crimes are on the RISE



- Approximately 400,000 ATMs in the US (Pinkerton, Feb 17, 2023)
- Common types of crimes involving ATMs
 - Physical Attack on the machine
 - Card Skimming devices
 - Robberies at or near machines
- ATM crime in increasing **165%** yearly (ATM Industry Association, July 14, 2023)
- Average ATM insurance deductible: \$25,000
- Average deductible on cash bond: \$35,000

Application Solutions

B5512-DV-ATM Basic ATM Protection



B5512 Panel

B11 Enclosure

CX4010 Transformer

B915 Keypad

D116 Siren

ISC-SK10 Shock Sensor

B444-V2 Cell Module

**ISN-CSM20-WGW Commercial
door contact**

Application Solutions

IP Camera Integration

Integrates IP alarm panel with up to 59 Bosch IP cameras

Camera become an Intelligent Sensor

Camera Events

Can be reported by the control panel

















*Not applicable to B3512

Built-in Video Analytics



Video Analytics events

-  ▶ Inside field
-  ▶ Enter field
-  ▶ Exit field
-  ▶ Line crossing
-  ▶ Loitering
-  ▶ Idle object
-  ▶ Removed object
-  ▶ Crowd detection
-  ▶ Route
-  ▶ Counter
-  ▶ Occupancy
-  ▶ Condition change
-  ▶ Similarity search
-  ▶ Tampering

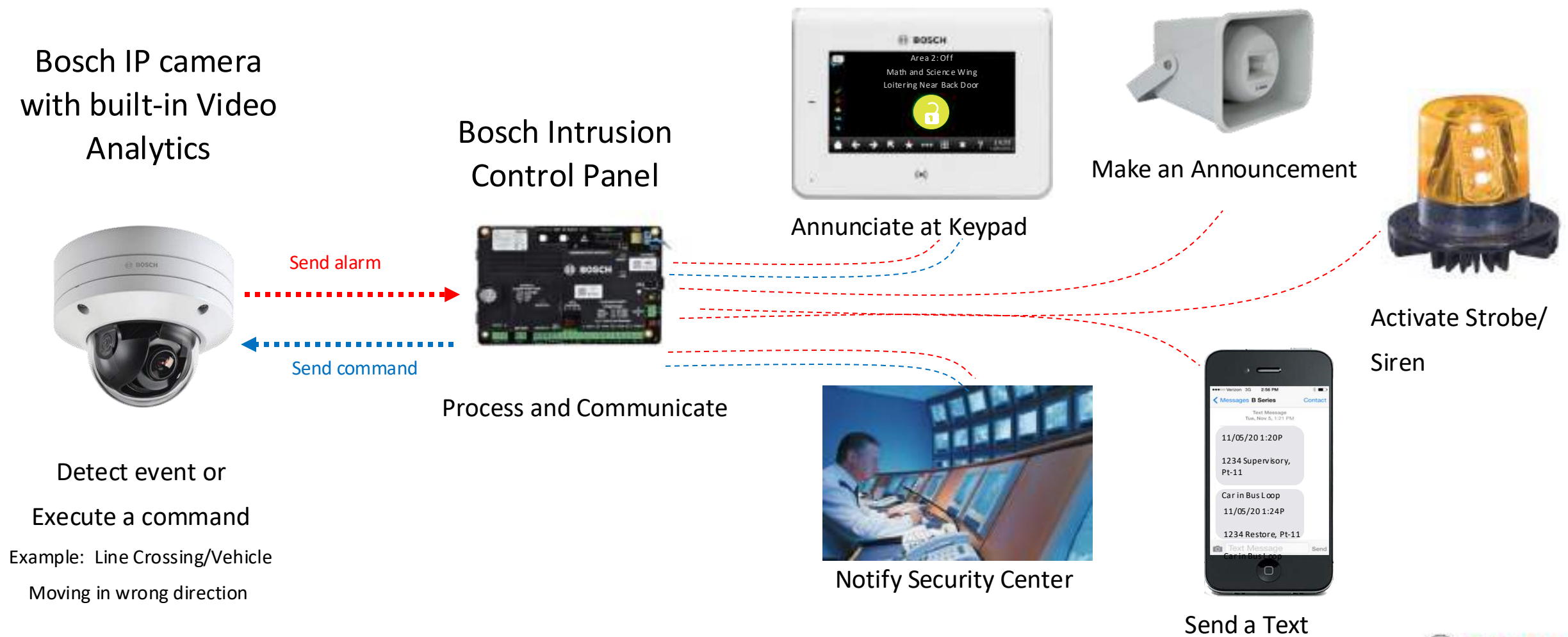


Integrated into Intrusion Control Panel



16 Video Analytics rules offered of which **8** can be set in parallel

ATM Protection



Camera Analytics



Vehicle Direction



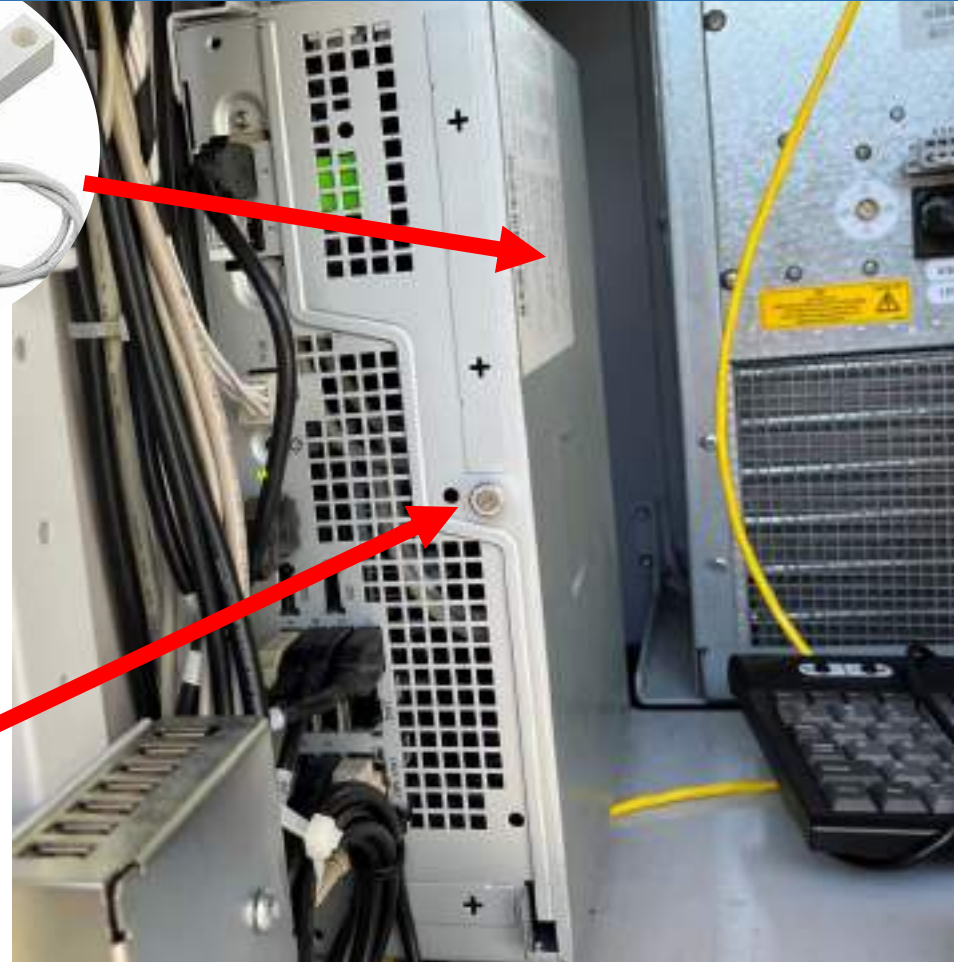
Identify People



Vehicles

Sensors to detect Jackpotting

- Add a contact to the hard drive
- Add a tamper switch to the area that secures the hard drive
- Connect to the intrusion panel for an immediate notification!



EARLY DETECTION....
DETERRENCE....
NOTIFICATION....



MULTI-LAYER APPROACH

Camera as a sensor:

Identify people

Vehicle going the wrong direction

IP Speaker

"You are in a Drive-up ATM lane, be aware of vehicles"

Door Contact/Seismic Detector (on Hood)

Connected to Bosch intrusion panel for immediate signal when tripped.

On a delay during normal business hours, with auto re-arm programmed

Strobe/Siren

Immediate output once detectors have gone into alarm

Detect & Deter: Identify threat, minimize damage & thwart loss of cassettes



Questions?