



Veesion

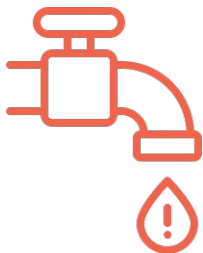
Detect thefts
Automatically
In real time

1. CONTEXT

1.

SHOPLIFTING CONTEXT

\$100 Bn lost each year for world retail



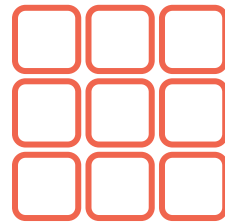
Up to **200%**
of net profit in
inventory shrinkage.



€110 bn / year
invested in
anti-shoplifting
solutions.



50% thefts
committed by
recurrent visitors*.



100 screens
on average for a
videoman in
hypermarkets*.

**Perifem - Opinionway, Etude exclusive 2018*

Sensormatic Global Shrink Index 2018, Planet Retail Limited, Rapport mondial

Sensormatic Global Shrink Index 2018, Planet Retail Limited, Capacités de prévention des pertes

1.

SHOPLIFTING CONTEXT

Objectives

Reduce

inventory shrinkage



A crucial matter in the context of a major **economic crisis**.

Monitor

security contractors



Higher risks with the development of **24/7** stores.

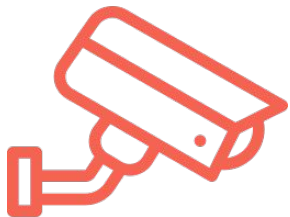


2. OUR SOLUTION

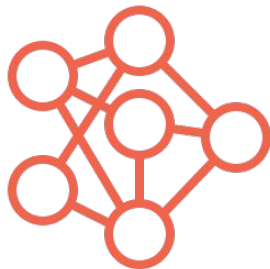
2.

OUR SOLUTION

An evolutive deep learning technology



**Recording of
shopping aisles**



**Detection of
suspicious behavior**



**Video alert
sent in store**

Active learning

Performance constantly improves
with processed video data

2.

OUR SOLUTION

Video alerts in real time

Members and notifications management

Clickable link to share the information

Direct view of the action with a GIF file

Classification and statistics with buttons

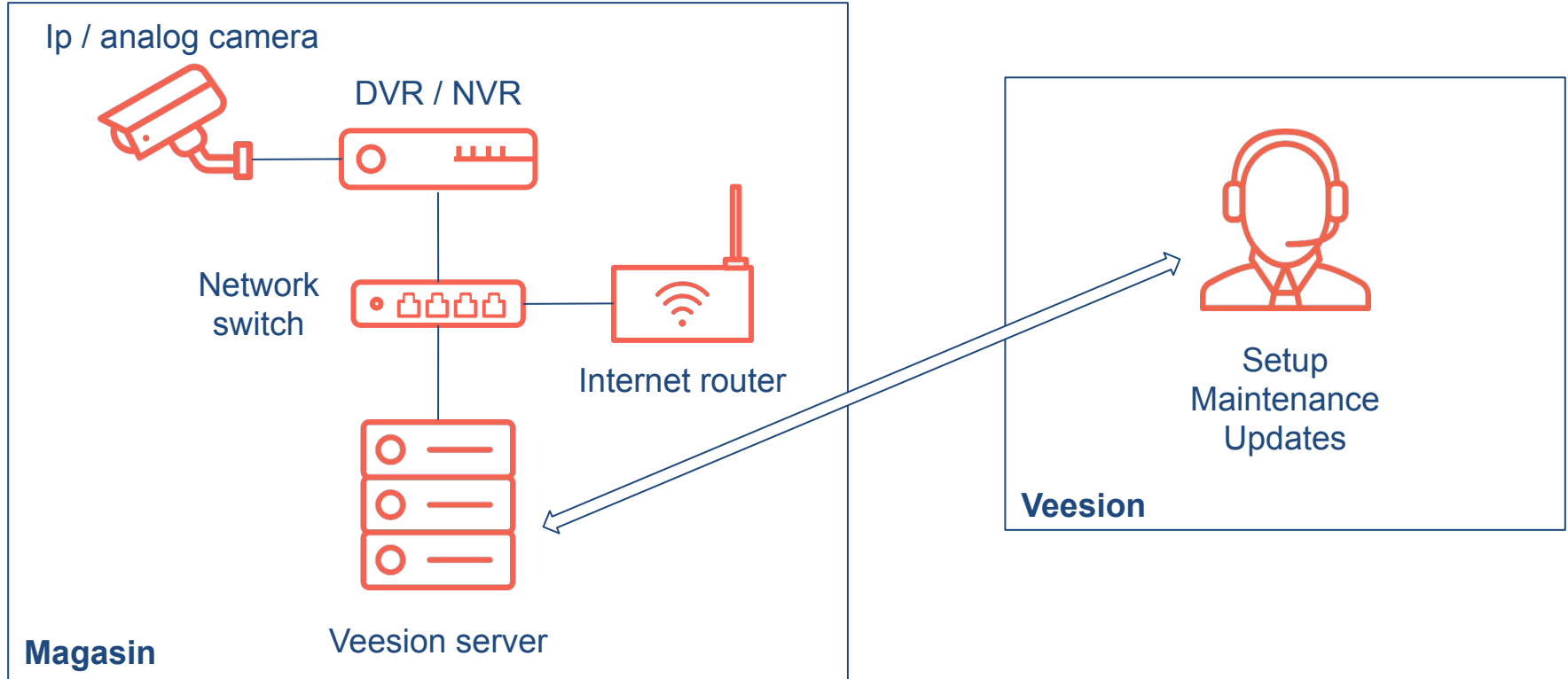
Longer / HD video sequence



2.

OUR SOLUTION

A Plug & Play solution



2.

OUR SOLUTION

Demos

Mobile app:

<https://vimeo.com/389027729>

Algorithm:

<https://vimeo.com/408905924>

A case in point:

<https://vimeo.com/405840303>

Checkout screens alerts:

<https://vimeo.com/416003018>



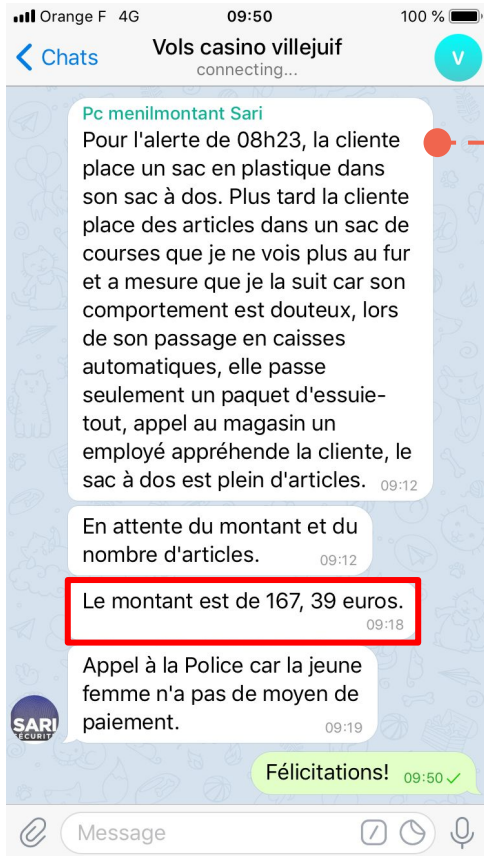


3. IMPACTS

3.

IMPACTS

Detect suspicious gestures in real-time

Store associate:

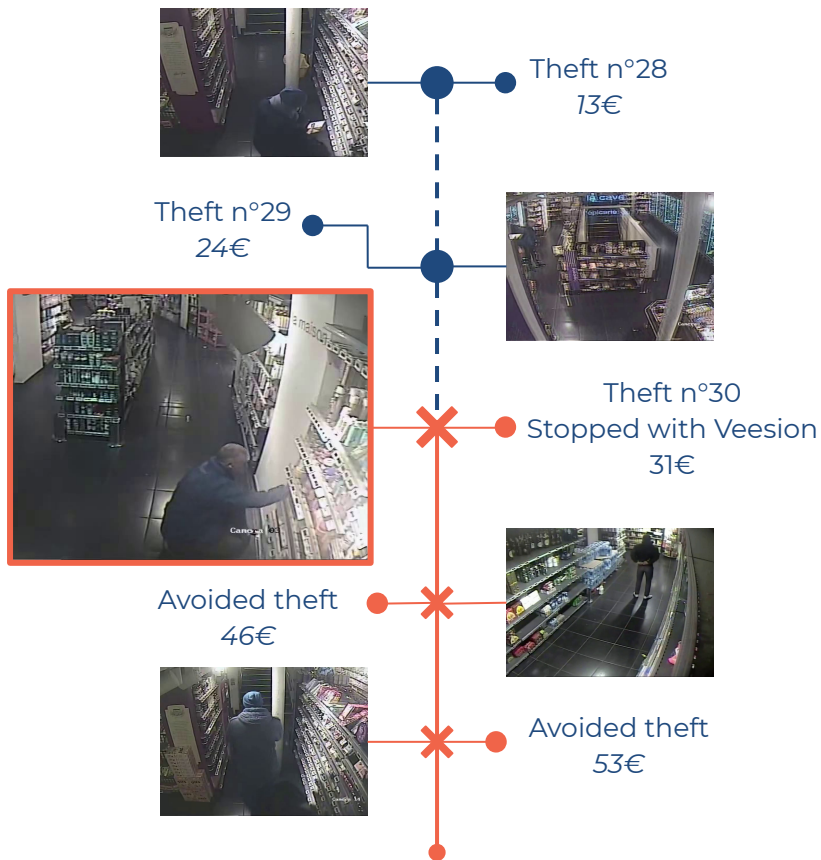
For the 8:23am alert, the client places a plastic bag in her backpack. Later, the client places items in a shopping bag that I don't see anymore after following her for some time because her behavior is suspicious. When she arrives at the self-checkout, she only scans a tissue pack, we call the store, an employee stops the client, the backpack is full of items. Waiting for the total amount. The amount is 167,39 euros. Police is call because the woman has no payment means.

Congratulations!

3.

IMPACTS

Eradicate recurrent shoplifting



It seems like it is the same shoplifter
At 17:13 and at 19:23
He came back!

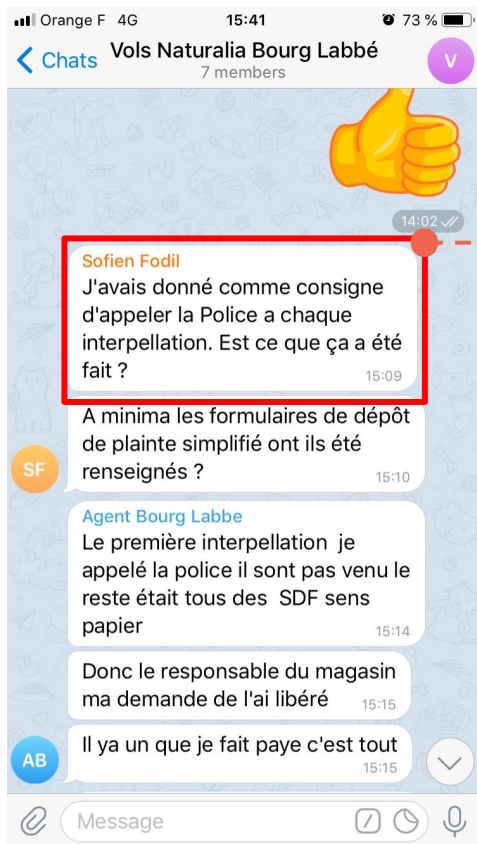
Yes, I confirm.

Ok
Could you arrest him
the second time?
Oh yes!
Awesome

3.

IMPACTS

Control your security contractors



Group CEO:

I gave the instruction to call the Police each time you arrest a shoplifter. Did you do it?
At least did you prepare the filing complaints?

Security Agent:

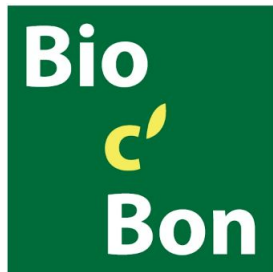
For the first arrest, I called the police and they did not come.
The others were homeless people with no papers.
The director asked me to release them.
I made one of them pay.

4. OUR CLIENTS

4.

OUR CLIENTS

More than 80 retail stores equipped



4.

OUR CLIENTS

Bio C' Bon Group: 9 times more arrests with Veesion

About the group

158

Stores

€100 M

2018 sales

€1 to 3 M

Inventory shrinkage

About the pilot

4

Stores (6 to 12 cams)

90

Days

1

Day / store of setup

Stats

6

Alerts / day / store

152

Thefts detected

41

Arrests

19

Repeating thieves



4.

OUR CLIENTS

Monoprix Group: ~1 arrest per day with Veesion

About the group

800+

Stores

€1.2 Bn

2018 sales

€40 M

Inventory shrinkage

About the pilot

1

Store (15 cams)

30

Days

1

Day / store of setup

Stats

15

Alerts / day / store

84

Thefts detected

28

Arrests

7

Repeating thieves

MONOPRIX

5. COSTS OPTIMISATION

5.

COST OPTIMISATION

Reduce your security costs



Reduce the size of your security teams while improving their efficiency thanks to the technology.

5.

COST OPTIMISATION

Potential savings

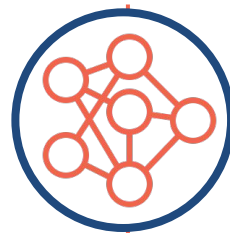


8am-10pm, 7 / 7 days

392h / month

25€ / h incl. taxes

9 800€ / mois
incl. taxes



850€ / mois
incl. taxes

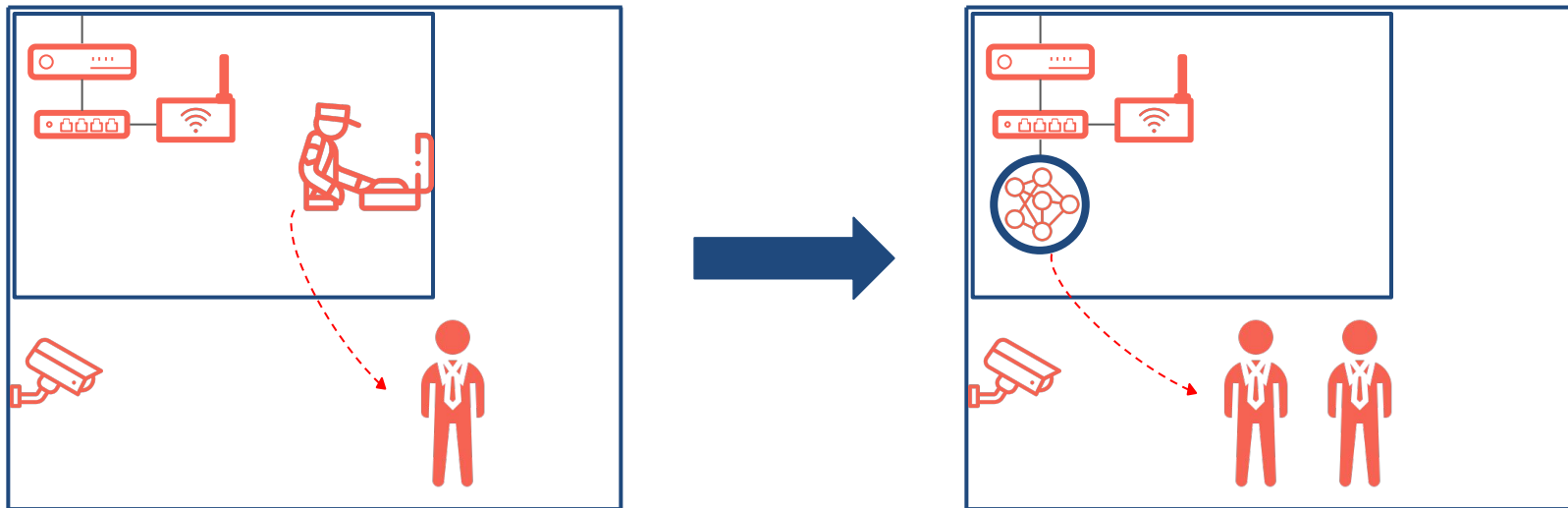


107 400€
saved / site / year

5.

COST OPTIMISATION

Optimisation in team organisation



More agents **on the field** to
maximise the deterrent effect and
the number of arrests.



Veesion

Detect thefts
Automatically
In real time

5. CONTACT

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Veesion

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