

Cargo theft in Brazil: Nature and space-time trends

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Cargo theft: definition



*“Cargo theft is a subtraction of **goods for resale** when they are being **transported**”*
(Brazilian penal code, 2015)

Motivation

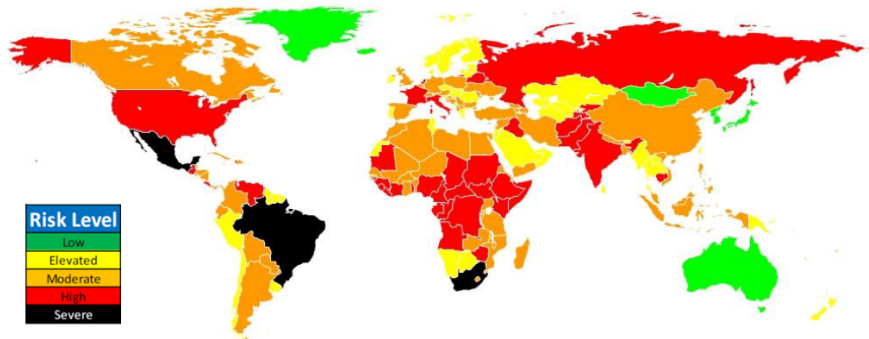


Figure: Global heat map for theft cargo risk

Source: 2013 Global Cargo Theft Threat Assessment

Motivation

1. Cargo theft is a **big problem** throughout the world.

Motivation

2. Many countries have shown a **continuously increase** over time in cargo theft.

Motivation

3. Brazil presents the **highest risk** to cargo security in the world.

Previous studies

Despite the gravity, **little is reported** about cargo theft in international literature.

Main objective

The main objective is to analyze the **nature** of cargo theft, and the recent **space-time trends** in São Paulo state.

Framing the case study

Why the state of São Paulo?

Framing the case study

1. Cross-section data and long time series are not available for carrying out a nation-wide study.

Framing the case study

2. There are monthly and quarterly time series for state of São Paulo from 2006 to 2016.

Framing the case study

3. São Paulo is one of the most cargo targeted states of the country.

Framing the case study

São Paulo is the namesake of a:

Framing the case study

São Paulo is the namesake of a:

- ▶ State (645 cities).

Framing the case study

São Paulo is the namesake of a:

- ▶ State (645 cities).
- ▶ Metropolitan area (**The Greater São Paulo** – 39 cities including the state capital).

Framing the case study

São Paulo is the namesake of a:

- ▶ State (645 cities).
- ▶ Metropolitan area (**The Greater São Paulo** – 39 cities including the state capital).
- ▶ City (the **state capital**).

The study area



Figure: State of São Paulo (pink), The Greater São Paulo (red) and São Paulo city (green)

The study area



Figure: São Paulo road map

The study area



Figure: Dom Pedro I highway, Campinas, SP-Brazil

The nature of cargo theft

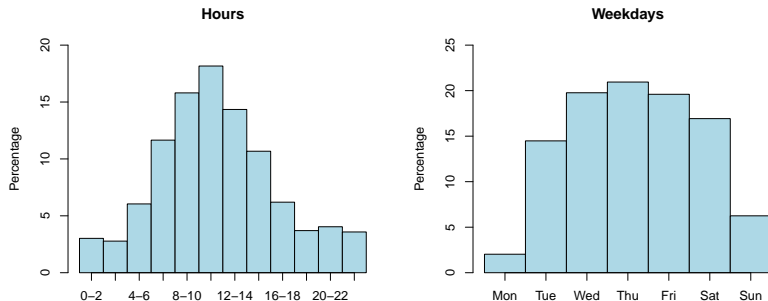


Figure: % of cargo theft in the state of SP, 2006-2011

Source: Prepared by authors from FETCESP data

1. 6 a.m. – 6 p.m. $\approx 75\%$

The nature of cargo theft

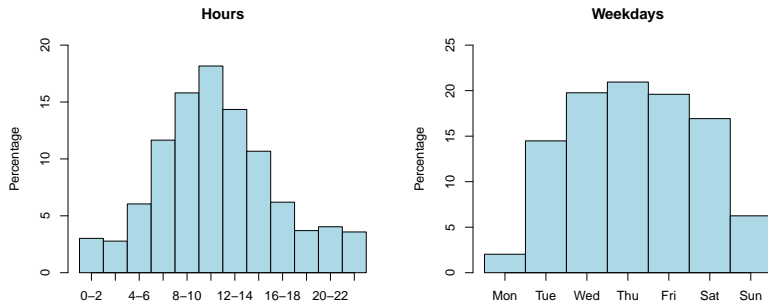


Figure: % of cargo theft in the state of SP, 2006-2011

Source: Prepared by authors from FETCESP data

1. 6 a.m. – 6 p.m. $\approx 75\%$
2. Tuesday – Thursday $\approx 60\%$

The nature of cargo theft

Targets: “**hot products**”
(high-technology goods with a high
black market value)



“Hot products”



“Hot products”



“Hot products”



“Hot products”



The nature of cargo theft

About 70% of cargo theft results in **express kidnapping** of the driver.



The nature of cargo theft

Cargo theft are mostly characterized by frequent use of **guns**.



The nature of cargo theft

Cargo theft are mostly characterized by frequent use of **severe violence**.



The geography of cargo theft

17,852 thefts cargo occurred only in 2015.

The geography of cargo theft

17,852 thefts cargo occurred only in 2015. The top three states were:

The geography of cargo theft

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1. São Paulo = 47.5%.

The geography of cargo theft

17,852 thefts cargo occurred only in 2015. The top three states were:

1. São Paulo = 47.5%.
2. Rio de Janeiro = 40.5%.

The geography of cargo theft

17,852 thefts cargo occurred only in 2015. The top three states were:

1. São Paulo = 47.5%.
2. Rio de Janeiro = 40.5%.
3. Minas Gerais = 3.4%.

Evidence

About **91%** of cargo thefts occurred in southeast.



Question

Why is there a cluster in cargo theft around the southeast region?

Question

Why is there a cluster in cargo theft around the southeast region? Why the SP, Rio and Minas Gerais are the top three states?

Potential causes

1. Southeast is the richest Brazilian region.

Potential causes

1. Southeast is the richest Brazilian region.
2. The three states are places where the greatest cargo on Brazilian highways circulates.

Evidence

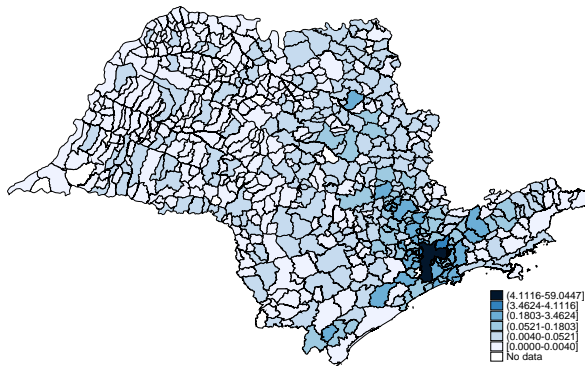


Figure: % of cargo theft in São Paulo, 2013-2015

Source: Prepared used SINESP data

1. São Paulo city = 59%

Evidence

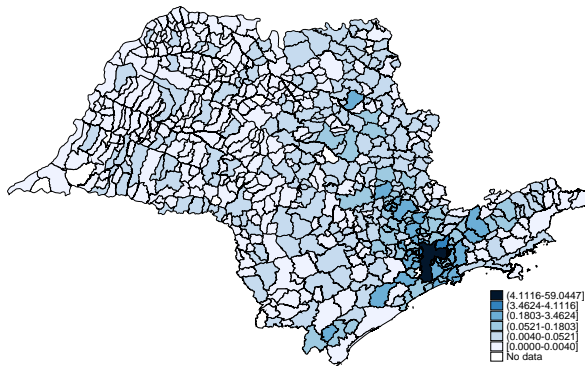


Figure: % of cargo theft in São Paulo, 2013-2015

Source: Prepared used SINESP data

1. **São Paulo city** = 59%
2. **GSP** (including SP city) = 77.4%

Evidence

There is a **cluster of cargo theft** around the São Paulo city.

Temporal trends in cargo theft

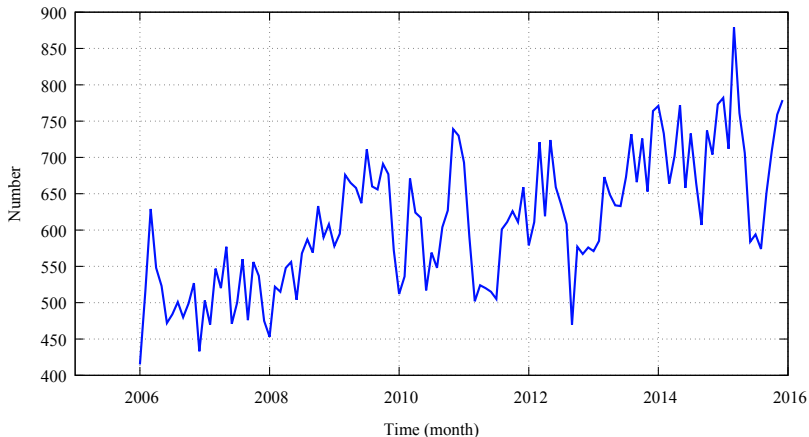


Figure: Number of cargo theft reported in state of São Paulo from 2006-Jan to 2015-Dec

Source: Prepared by authors using data from FETCESP and SSP-SP

Evidence

1. There is a **seasonal component** in time series of cargo theft (Mar-May and Oct-Dec).

Evidence

2. Cargo theft falls during the months after Christmas, reflecting the lower demand for goods (**Post-Christmas hypothesis**).

Evidence

3. There are outliers and structural change between 2006 and 2016.

Temporal trends in cargo theft

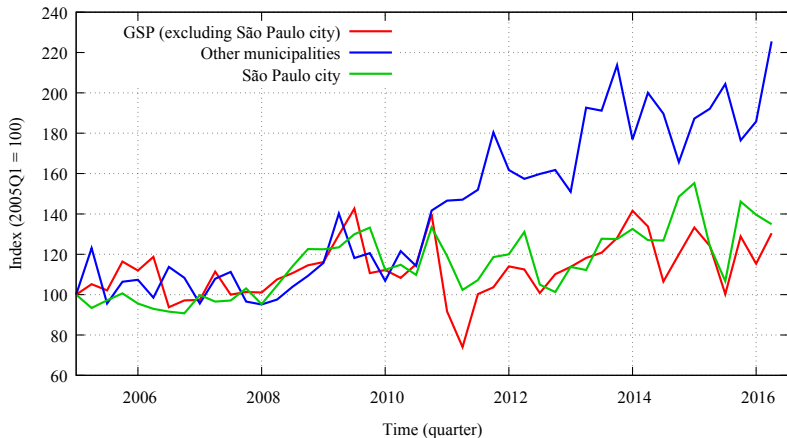


Figure: Index of cargo theft reported in the state of São Paulo from 2005Q1 to 2016Q2 (2005Q1 = 100)
Source: Prepared by authors from SSP-SP data

Temporal trends in cargo theft

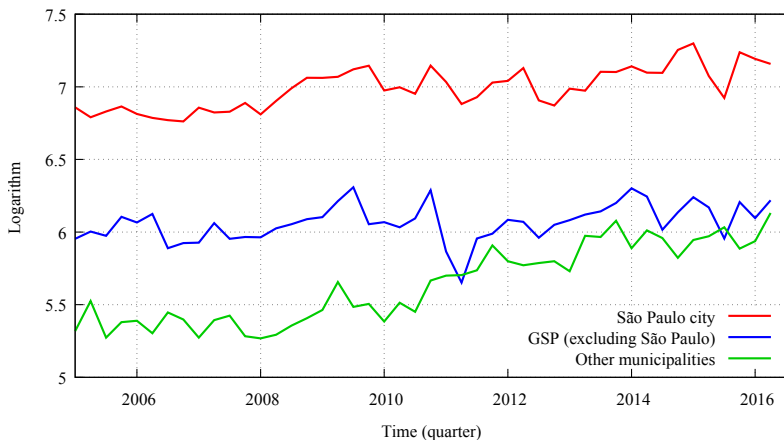


Figure: Logarithm of number of cargo theft reported in the state of São Paulo from 2005Q1 to 2016Q2

Source: Prepared by authors from SSP-SP data

Evidence

A **convergence** in the number of cargo theft between metropolitan and non-metropolitan areas in the last years.

Question

What is the cause/causes of this fact?

Question

What is the cause/causes of this fact? In others words, why was the growth rate of cargo theft higher in the non-metropolitan areas?

A first step



Figure: Departments of Judicial Police of São Paulo of the non-metropolitan areas (DEINTER)

Source: Prepared by authors from SSP-SP data

A first step

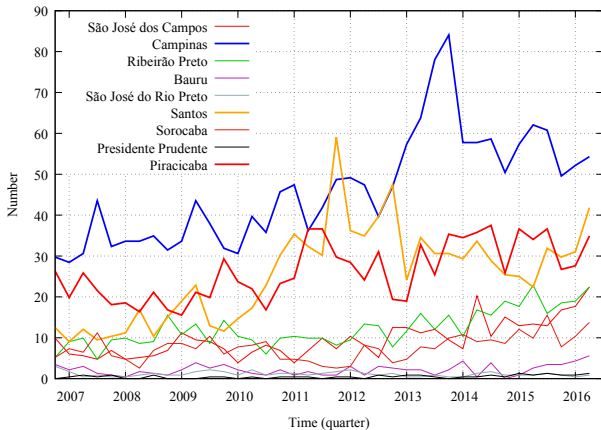
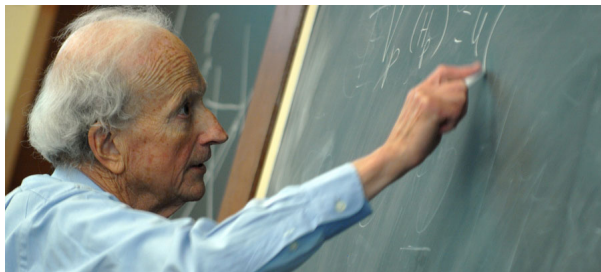


Figure: Number of cargo theft reported in nine police divisions composed of 606 non-metropolitan municipalities from 2006Q3 to 2016Q2

Source: Prepared by authors from SSP-SP data

Potential causes of the convergence

The **economic theory** proposed by Gary Becker (1968) can help in providing an answer



Potential causes of the convergence

The choice of location to commit crime depends on two factors:

Potential causes of the convergence

The choice of location to commit crime depends on two factors:

1. Monetary return from crime;

Potential causes of the convergence

The choice of location to commit crime depends on two factors:

1. Monetary return from crime; and
2. risk of failure.

Potential causes of the convergence

Assuming **perfect mobility** between metropolitan and non-metropolitan areas, we alleged hypotheses:

Hypotheses

H1. Less risk – The risk of failure of theft operations in the GSP increased more than in others areas.

Hypotheses

H2. More opportunities – A higher cargo circulation on the state's highway.

Hypotheses

H3. More opportunities and less risk in non-metropolitan areas.

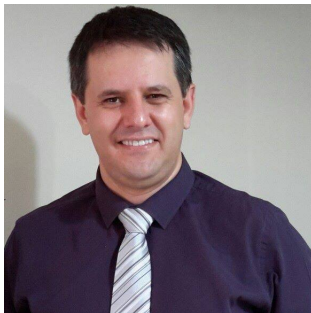
Looking ahead

Further studies are essential particularly to **empirically test** our hypotheses alleged when more detailed data are available.

Thank for watching



Thank for watching



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Strategies to Prevent Crime and Retail Loss



Walmart Central America

September 2016

Table of Contents

CAM Overview

Crime and
Shrink

Developing and
AP Framework

Region Update

Key Concepts



CENTRAL AMERICA

A quick overview to our region



Video

Central America

5 Countries,
5 realities



Quick facts about the region

42M

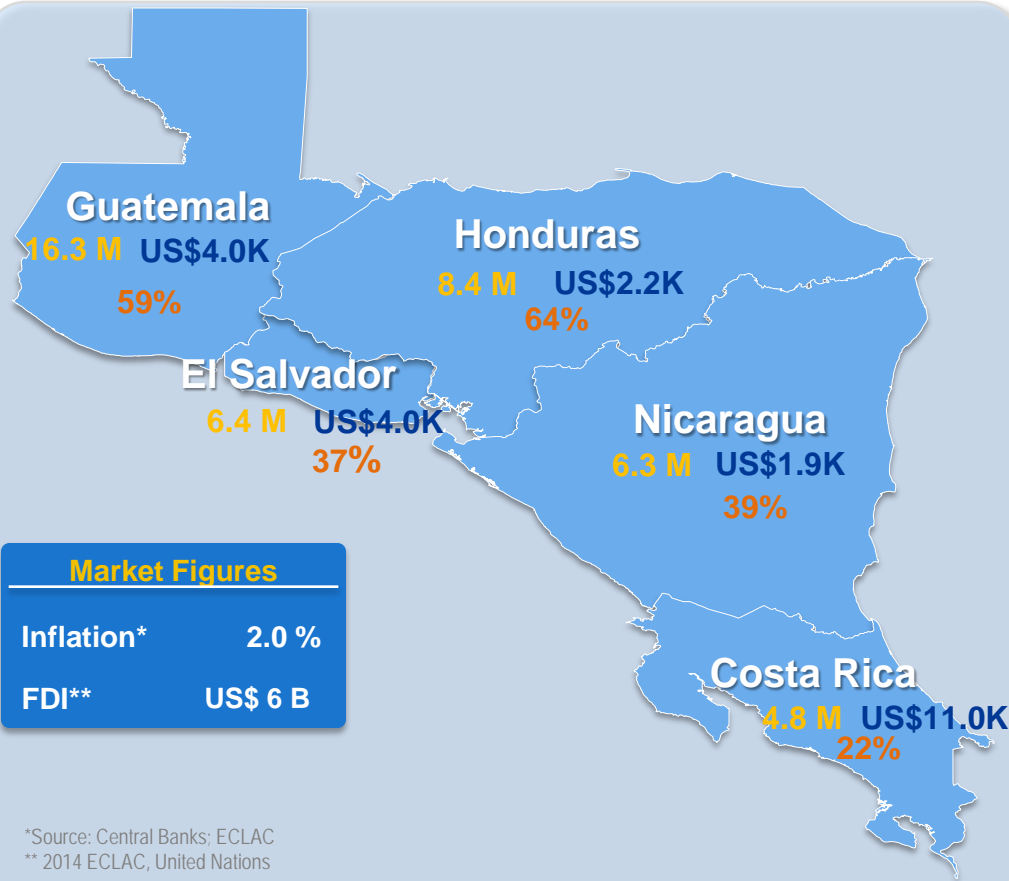
inhabitants

US\$ 4.6K

GDP per capita*

44%

low-income population**



Challenging context

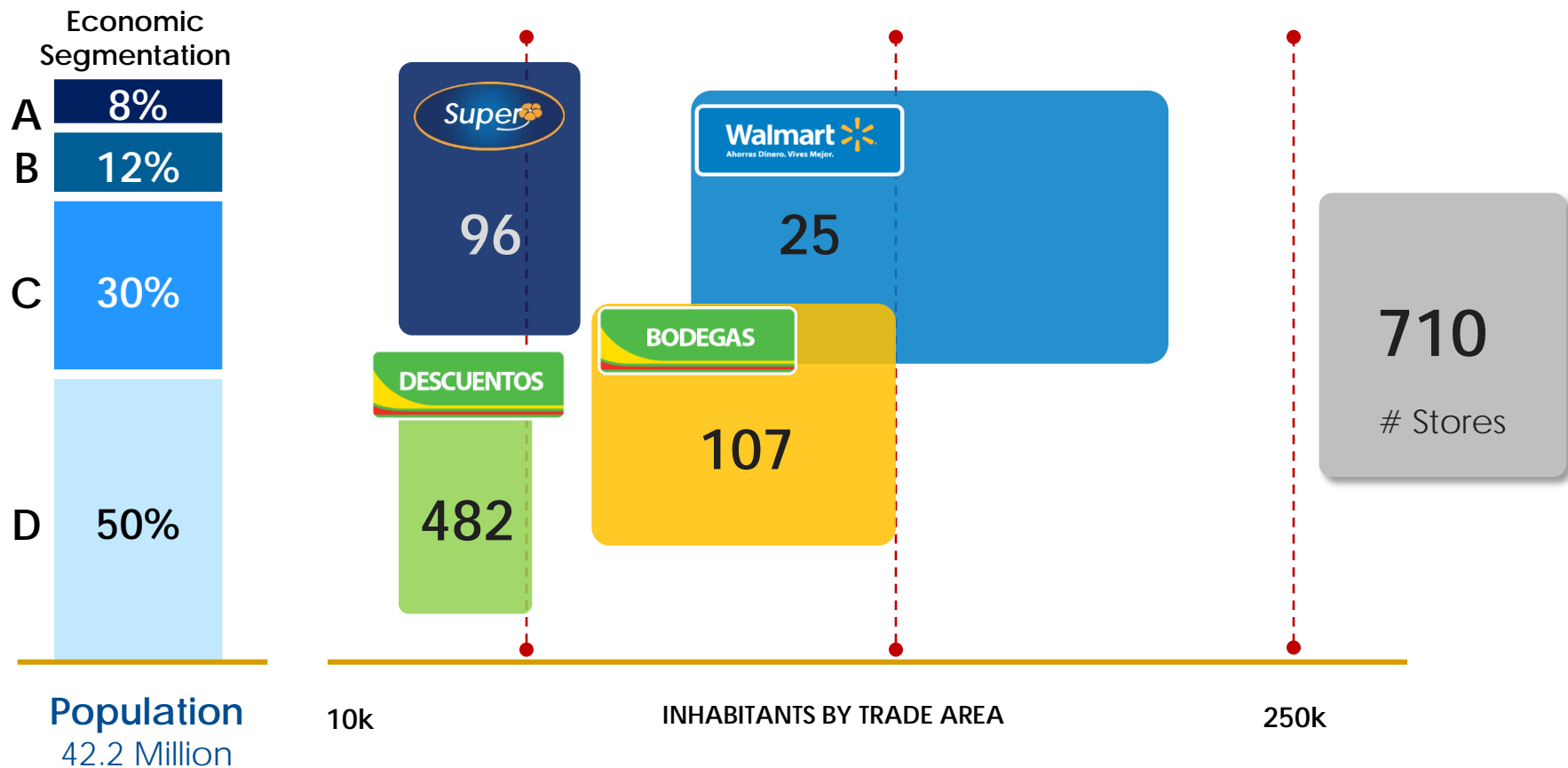
- 2017-2020
 - A new President every year
 - Short election cycles
 - Fragmented political landscape
- Exposed Region
 - Weak criminal justice institutions
 - Remarkable inequality
 - Water management
 - Natural Disasters
 - Corruption and Governance
- Security & the cost of doing business
 - Drug Bridge
 - Gangs extortion, drug trafficking, smuggling,



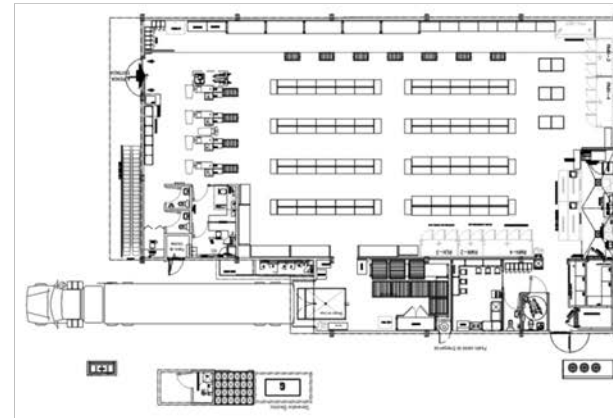
Walmart Central America Snapshot

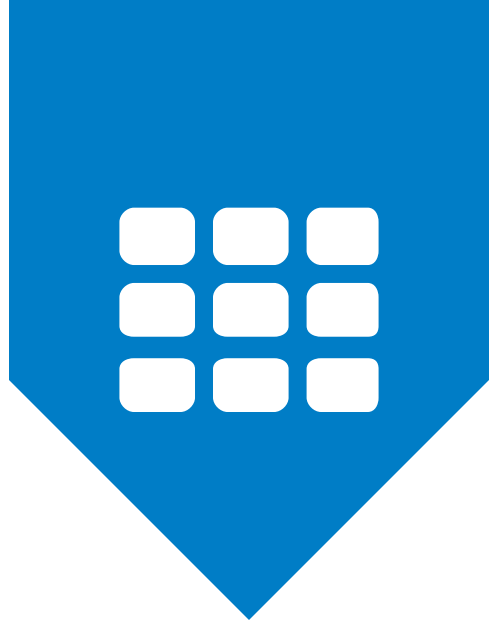


Multi-Format Strategy



Walmart Central America Snapshot





CRIME & TOTAL LOSS FIGURES

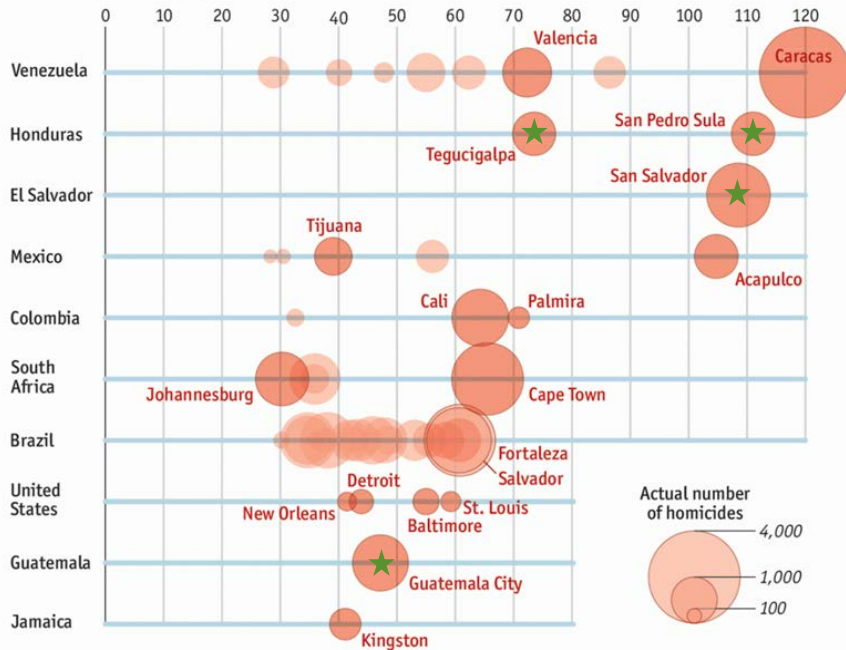
A brief market comparison



Serving the most murderous cities

Murderous metropolises

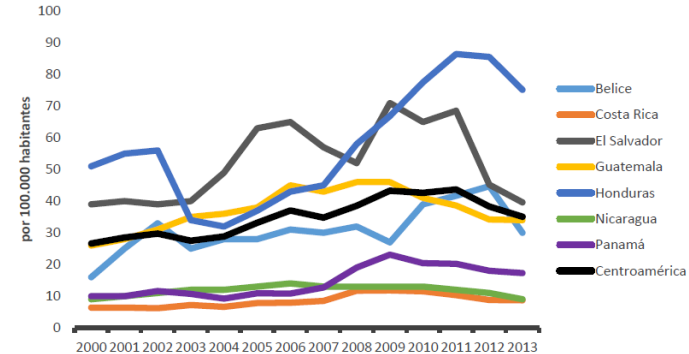
Homicides per 100,000 population, 50 worst cities*, 2015



Source: Citizens' Council for Public Security and Criminal Justice

Economist.com

Tasa de homicidios por 100.000 habitantes. 2000-2013



Fuente: Organismo encargado de asuntos policiales y/o judiciales en cada país y Banco Mundial.

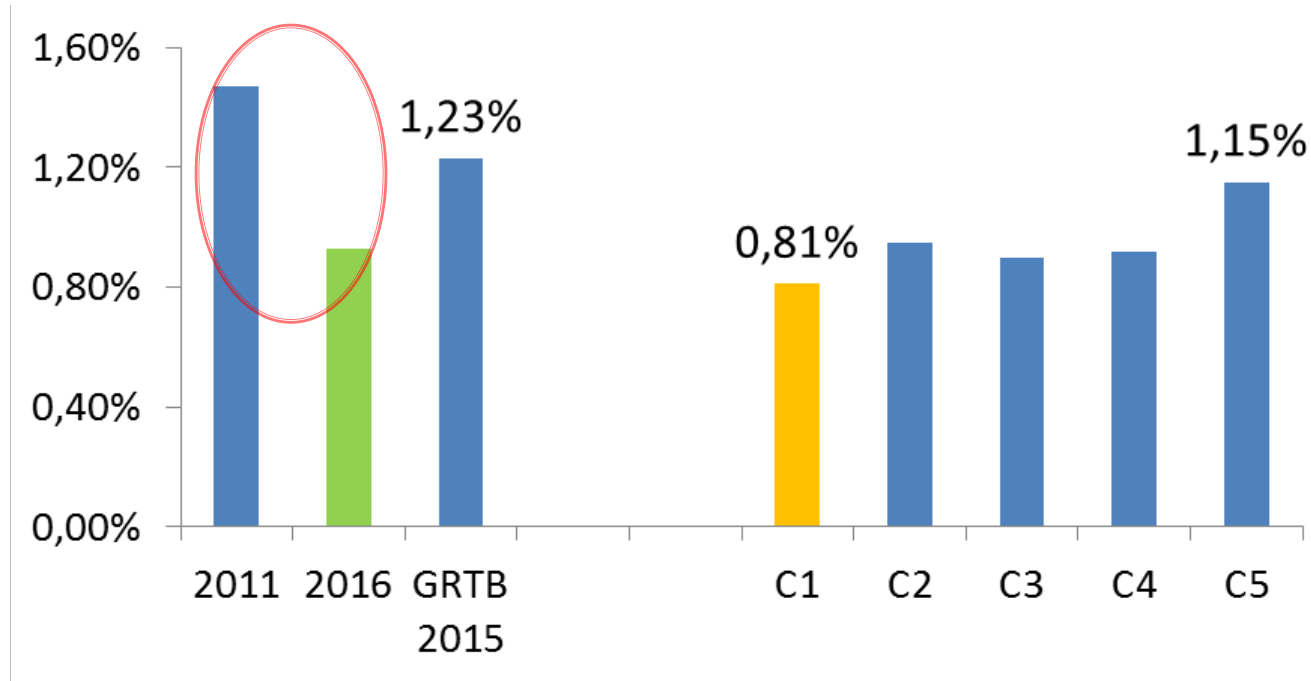
5 top problems: criminality and economy

Evolución de los principales cinco problemas de cada país. 2004-2012

País	Año	Problema 1	Problema 2	Problema 3	Problema 4	Problema 5
Costa Rica	2006	Criminalidad	Economía	Pobreza	Desempleo	Corrupción
	2008	Criminalidad	Economía	Drogadicción	Corrupción	Desempleo
	2010	Criminalidad	Economía	Desempleo	Corrupción	Pobreza
	2012	Criminalidad	Corrupción	Economía	Desempleo	Drogadicción
El Salvador	2004	Criminalidad	Desempleo	Pobreza	Economía	Pandillas
	2006	Criminalidad	Economía	Pobreza	Desempleo	Pandillas
	2008	Economía	Criminalidad	Pobreza	Desempleo	Inflación
	2010	Criminalidad	Economía	Desempleo	Pobreza	Violencia
Guatemala	2012	Criminalidad	Economía	Desempleo	Pobreza	Violencia
	2004	Criminalidad	Economía	Pobreza	Desempleo	Inflación
	2006	Criminalidad	Pobreza	Desempleo	Economía	Violencia
	2008	Criminalidad	Violencia	Pobreza	Economía	Desempleo
Honduras	2010	Criminalidad	Economía	Violencia	Pobreza	Desempleo
	2012	Criminalidad	Economía	Pobreza	Desempleo	Violencia
	2004	Pobreza	Economía	Criminalidad	Inflación	Desempleo
	2006	Criminalidad	Pobreza	Economía	Desempleo	Corrupción
Nicaragua	2008	Criminalidad	Corrupción	Economía	Pobreza	Desempleo
	2010	Criminalidad	Desempleo	Corrupción	Economía	Pobreza
	2012	Corrupción	Criminalidad	Pobreza	Desempleo	Vías en mal estado
	2004	Desempleo	Economía	Pobreza	Corrupción	Mal gobierno
Panamá	2006	Desempleo	Pobreza	Economía	Corrupción	Los políticos
	2008	Economía	Desempleo	Pobreza	Inflación	Los políticos
	2010	Economía	Desempleo	Pobreza	Inflación	Los políticos
	2012	Economía	Desempleo	Criminalidad	Pobreza	Inflación
	2004	Desempleo	Corrupción	Criminalidad	Economía	Pobreza
	2006	Desempleo	Criminalidad	Corrupción	Economía	Falta de agua
	2008	Criminalidad	Economía	Desempleo	Inflación	Corrupción
	2010	Criminalidad	Economía	Desempleo	Inflación	Corrupción
	2012	Criminalidad	Inflación	Corrupción	Falta de agua	Economía

Fuente: elaboración propia con datos del Barómetro de las Américas del Latin American Public Opinion Project (LAPOP).

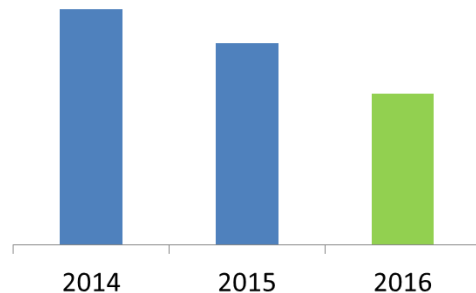
Great Shrink, High Risk Region



- 54 bps Reduction over 5 years
- High Risk Countries with Excellent results

Not only Shrink, Total Loss Approach

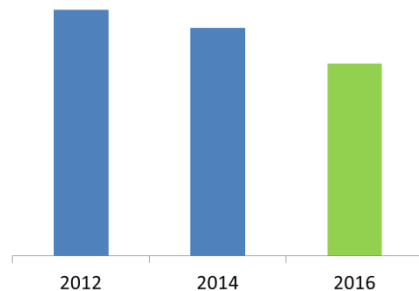
Damages as % Sales



Damages

10 bps improvement over 3 year

Fresh Throw aways as % Sales



Throw away

32 bps improvement over 6 years

Cash Losses

New



DEFINING A NEW FRAMEWORK

From event driven to process driven



From an External Theft Driven Organization...

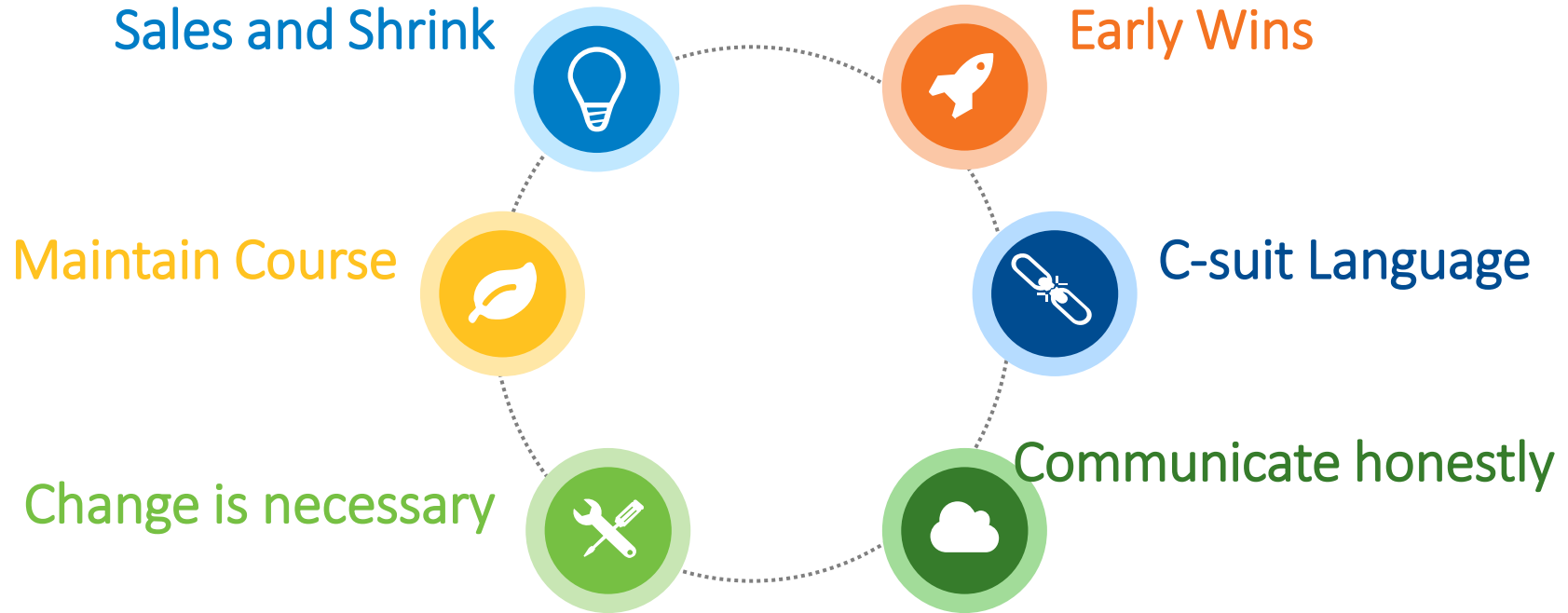


....To an AP Process Oriented Organization

- ✓ Motivated Associates
- ✓ Manage their results
- ✓ Integrated to day to day ops
- ✓ Sustainable Results



The short term vrs long term



Our set of Priorities

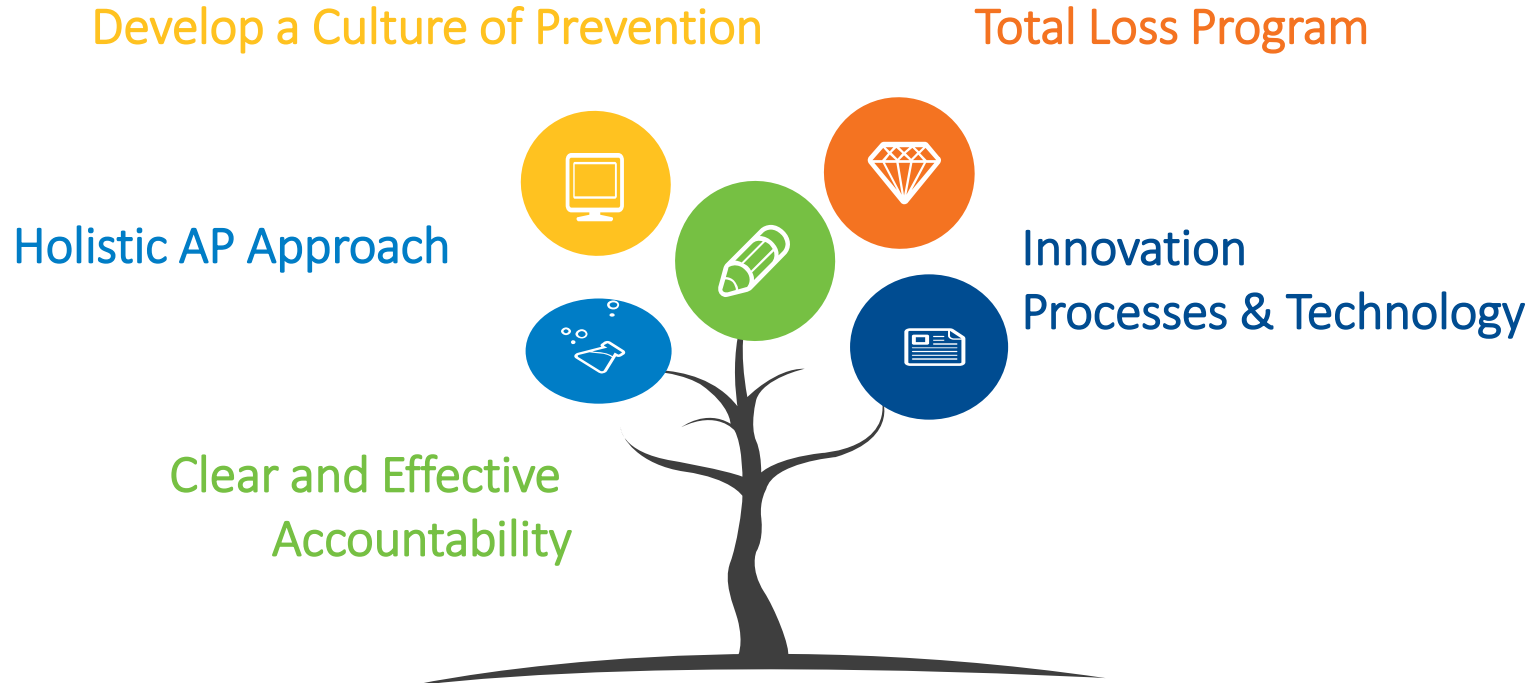
01 Our Associates and Clients

02 Our Inventory and Cash

03 Our Reputation and Information

04 Our Infrastructure

A shared vision throughout the company



The Chameleon Effect (In/Visibility)

Invisible to...

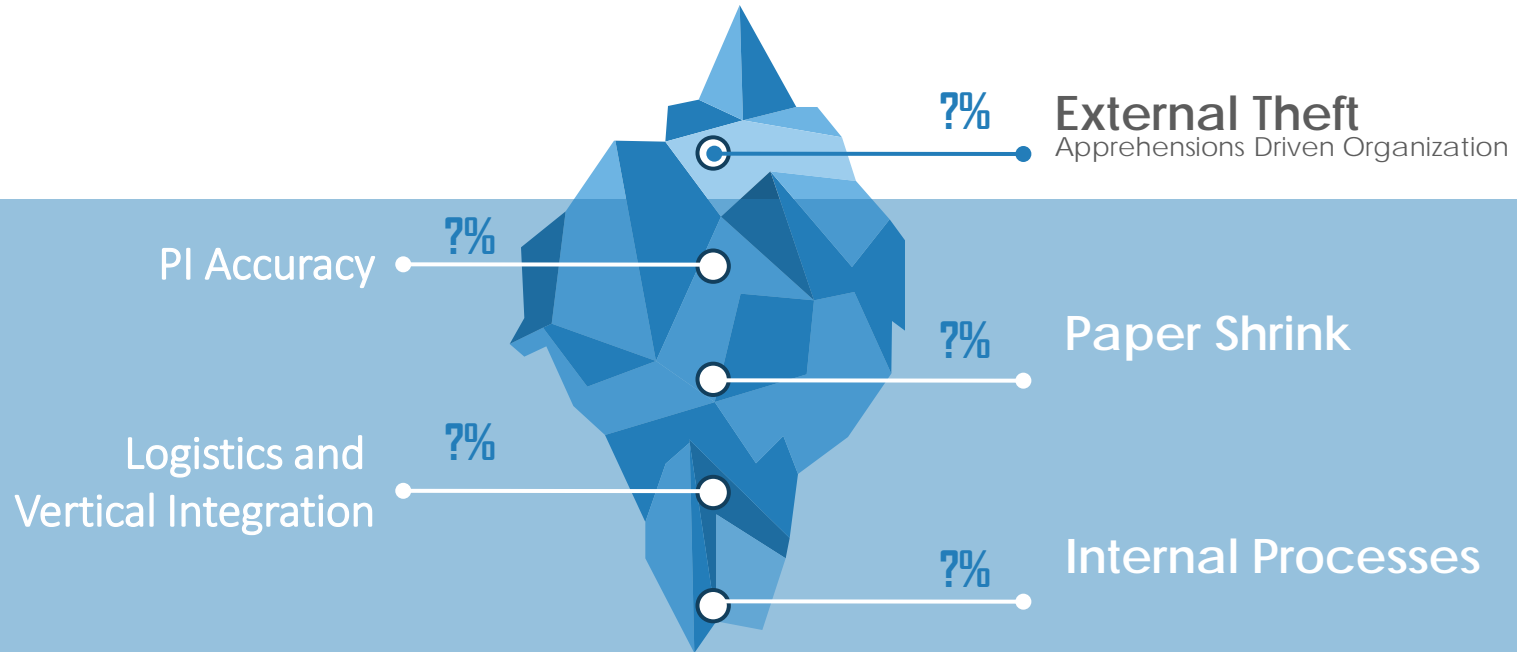
- Honest Clients
- Day to day Ops
- Suppliers
- Sales Figures
- Merchants

Visible to...

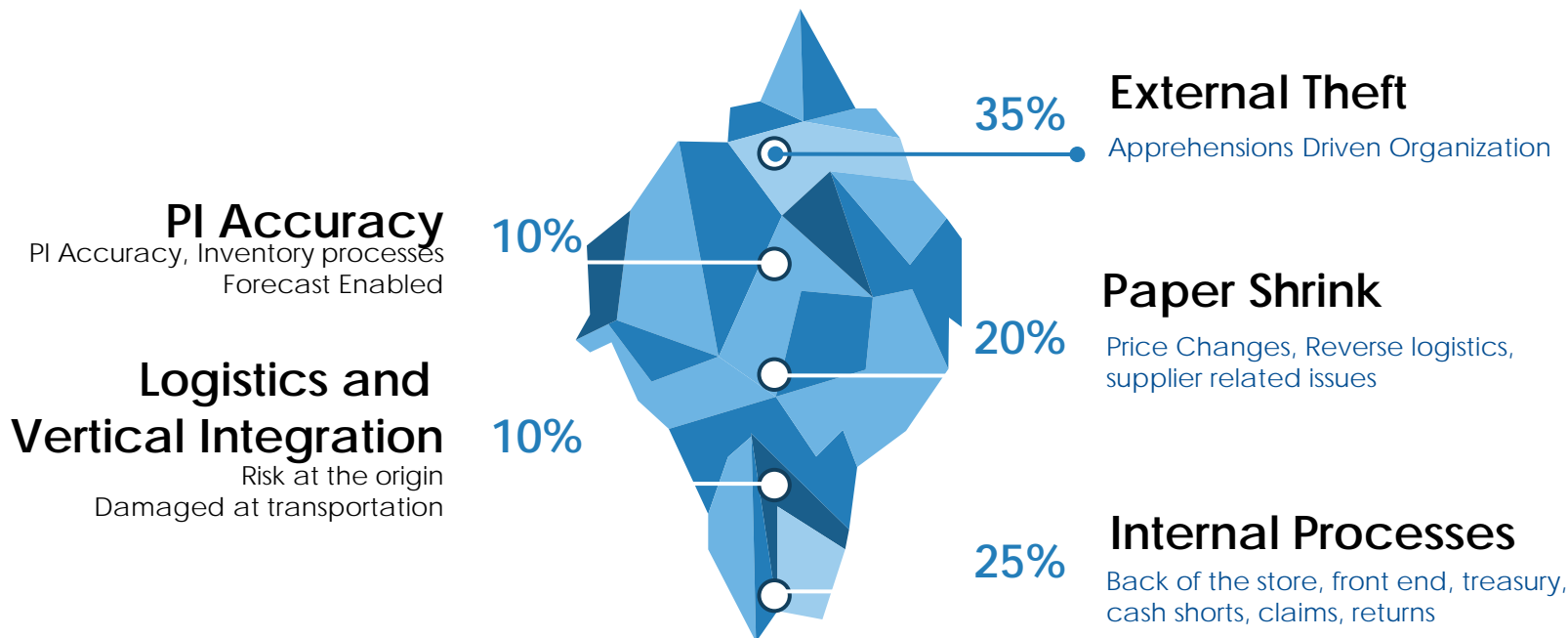
- Associates at Stores
- P&L, Margin
- C-Suit
- ORC
- Police
- Community Orgs
- Common Thieves



Increase Scope at the base



Increase Scope at the base



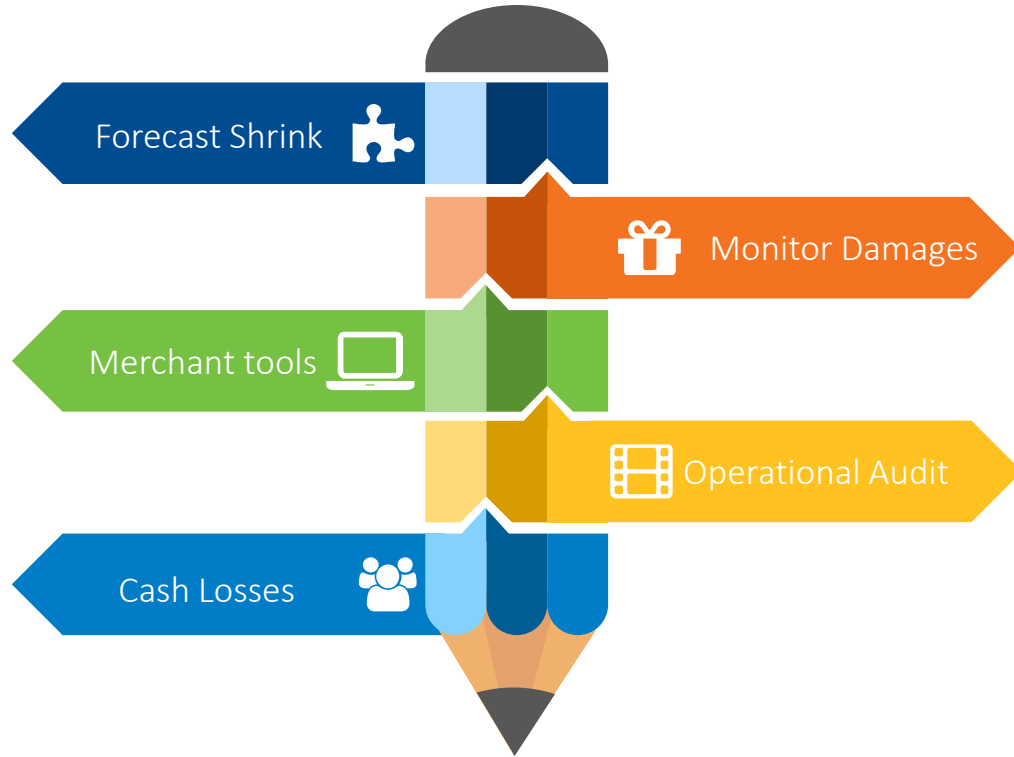
Human Safety

Food Safety

Security

Actionable

Analytics is nothing without simplicity



Our Discount Format (68% of our Stores)



Our Bodega Format



Innovating for low cost format



Low cost CCTV

Can it be voice enabled?
Can it be seen from just 1 country?
Can it reduce security personnel needs?



Security Personnel third party

Can it be shared with other companies?
Can it be Mobile?
Replace lack of law enforcement?
No image related issues?



Signal Integration

Intrusion, Robbery,
Cash Management, Cash Alerts,
Fire alarms, Equipment alarms
Emergency calls, GPS, IP Radio
Fraud Alerts Front End



Monetize the use of technology

How make it attractive to suppliers?
Can it deliver customer analytics?



Lay out design & Operational Efficiencies

Sites risk rates, Prototype development
ROI understanding
Routines and processes



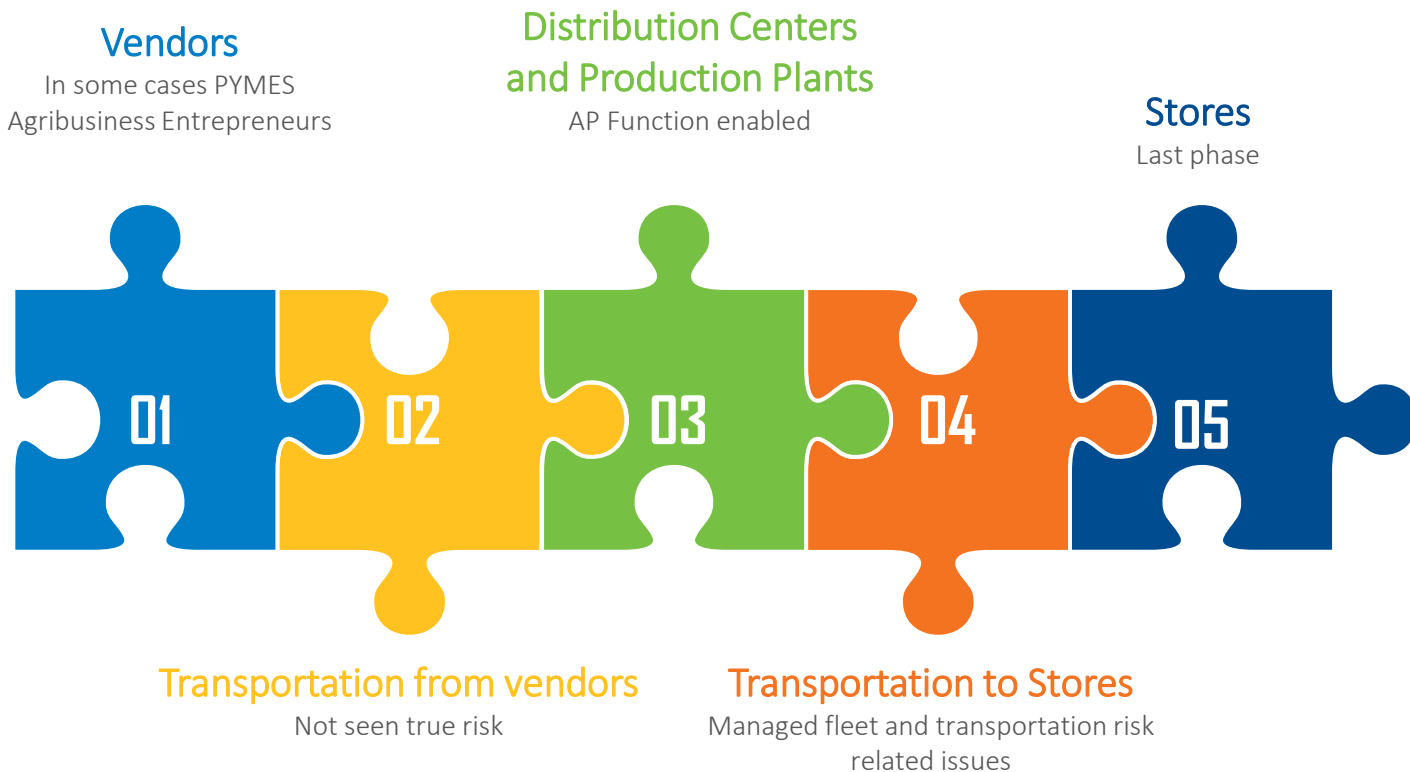
Reaction response

How to eliminate threats to reaction personnel?
Change fear for protection at the stores
Fast Reaction on heavy transit
Decrease critical events



Create a Sense of a Controlled Environment
At a reasonable cost/investment

Not only focus on the stores



Main ideas | Central America Experience



A high risk environment it is not a lost battle



Don't wait for results, get ahead and build them



Do not sacrifice processes for events



A Continued Good Strategy is better than a perfect one



Discussion

Citycon, Kista Galleria

Head of Security

Per Sandberg

Kista Galleria



Facts about Kista Galleria

- The leasable area is about 89 400 sqm of which about 56 700 sqm is the shopping centre, about 9 200 sqm of office space, about 4 600 sqm warehouse, about 10 000 sqm student apartments. 8 100 m² hotel and approximately 800 sqm other areas. Including parking garage covers the managed property total about 133 000 sqm.

Kista Galleria, a shopping center or a small city?

About Kista Galleria

- In Kista Galleria you'll find a little bit more of everything.
- Over 180 stores and restaurants, movie theatres, coffee shops, and O'learys Bowling & Go-cart. In addition to this there is an extensive range of services by post office, children healthcare, health center, dentist, and much more in the Mall.
- You will also find Sweden's longest opening hours from 10 am-21, seven days a week, 359 days with over 19 million visitors last year.

So again, is large shopping centers “just” shopping centers today or is it more like a small city?

"Fore Checking"

Efforts to combat serious and organized crime in Kista
Galleria

The problem has many faces



- Where serious organized crime is buying businesses in the mall will quickly become known by all.
- Other forms of serious crime such as blackmail, threats, drugs etc comes together with that.
- Increased risk for customers and visitors.
- Decreased value for the owners.

The warning to the owner?



"Fore Checking" - Goal

- **To prevent organized crime taking root in the property.**
- **Must be known to all that the Mall does not accept criminal activity.**

The Mission described in the business plan



Create security for all stakeholders

- Customers/visitors
- Tenants
- Employees
- Authorities
- Owners

Defend and increase the value for property owners and tenants

Security Reports 2013-2016

Notified crimes within the category of "**violent crime**": assault, robbery (shop + person), threats, violence against security or police.

Centre	2013	2014	2015	2016 (until today)
Kista Galleria	21	42	36	23
	9	14	38	11
	24	33	22	13
	8	8	15	11
	42	36	35	26

New Security Problems 2015-2016

- Cars that driving in to stores in our shopping centers.
- Motorcycles that drive in to our shopping centers for smash and grabs.
- In 90% of this cases the robbers is armed with fire arms.

How to solve the problems with cars?





url.htm

How to solve the problem with smash and grabs?



What we do today in Security

Preparations

- Crisis plan
- Crisis bags
- Background screenings

Training

- Crisis training
- Media training
- Police cooperation
- International cooperation

System

- Control room
- CCTV
- Alarm systems

Recovery

- Prepared
DRP (Disaster recovery plan)
- Insurance
- In-house resources
- External
Crisis
Management

Next step

Early Warning System

- 24/7 Monitoring of disasters, social disorder and violence
- Personal and travel Security

Mobile Alert System

- Better Intelligence
- Tenants and visitor takes an active part in security.
- Authorities can take part of the information in real time.

First Responder Team

- Dedicated resource from Security company
- Handpicked members
- First responder training
 - Awareness
 - Medical
 - Mental
 - Fire
 - Operative management

Citycon Security Concept 2017-2018

Privet Sector

Awareness

Risks

Global Thinking

Unusual Behavior

Smart System

VISION



Creating Safety Together





citycon.com



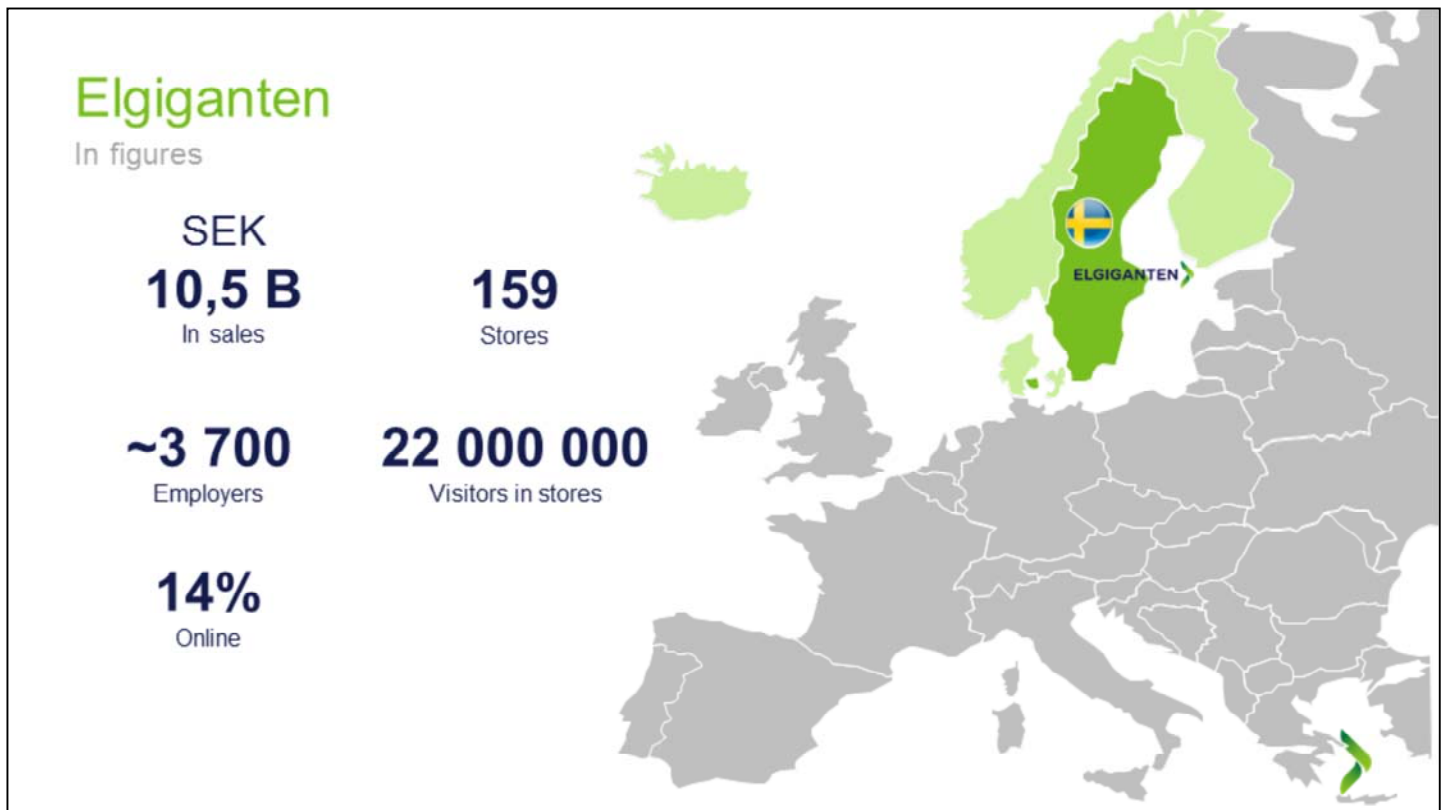
Elgiganten AB – Knowledge of retail crime

KTH 15 september 2016

Security & Lossprevention

- Businesspresentation
- Development of sales and losses
- Knowledge of loss
- Knowledge of criminal activity
- Successfactors





- Elgiganten is a part of the Elkjop group with ~500 stores over the Nordics sales just over 30 B SEK
- We are owned since 1999 by Dixons Carphone plc listed on the main market of the London Stock Exchange, in total 2 200 stores over Europe.

Not presenting:

62 Miljon visitors in total, retail, e-commerce and call centre

18 Megastores of more than 3000sqm 9-10 000 facings

29 Superstores of 1500-3000 SQM 6-9 000 facings

33 Franchisestores of 500-1500 SQM 2-6 000 facings

79 Phonehouse Small stores for telecom Up to 1 000 facings

Revenue development

Loss value



4

- Sales developed double up in last 10 years, this have happened thanks to a development of the concept with a massive increase of the high value products on display
- Value of the losses from crime and unknown losses during these 10 years have been stable around X MSEK, variations up and down because of burglaries.
- The most distinguishing is that our unknown losses have had a stable decreased, and are now half of 2006, just because of our efforts to get knowledge of our losses
- COS% level have had a steady decrease over these years



Knowledge of Loss data

Loss break down

Details of our losses

- Type of loss, burglary, theft instore, warehouse, different type of scrap, hygiene, unknown etc.
- Stores, both value and mapped by targeted lossareas
- Value of each products group, hot products are detected both total and storelevel
- Top hot items, both total and storelevel



6

1. Ten years there were a bunch of losses, but almost everything was unknown and it was counted once or twice a year. Take control of the losses, start divide it into type of loss, categories of products, detect the items and also differences of the stores.
2. Frequent inventory of hot products and only according to the accountancy for most of the products, cold ones
3. We are using this result and having result of losses of categories, product groups down to itemlevel and analyze and adjusting our work, changing the inventory plans and protection actions ongoing during the year
4. Country losses are not always the same as the local stores,. All major stores are analyzing the lossvalues of different products and also mapping the stores to understand where they have the hot products and hot spots of the stores

Knowledge | Products

Increasing hot groups

- Headphones
- Bluetooth Speakers

Hot products

- Smartphones
- Laptops
- Tablets
- Harddrives and memorycards



7

1. New hot products

- One common thing around all of our hottest product is the most vulnerable, normally price is a common side of these products, but for example headphones, Apples cheap original headphones are one of the most stolen items in our stores. Of course also the exclusive ones from Bose, Beats etc are stolen, but they are protected.
- Extreme range of new small and expensive bluetooth speakers giving us new challenges, we normally protect all items over 2000SEK but it has to expand those to small units with a known brand.
- We are trying to predict the risks for losses of new products, it is following the trends in the market, I have an example we didn't predict during this summer, the extreme increase of losses of Powerbanks during the Pokemon Go launch. Extreme needs of power during the peak of the game, gave us a massive sale and losses for a few weeks.

2. Normal hot products

- Smartphones, a pocket size product for 10 000SEK, needs to be protected both day and night. Also protected for internal thefts, restricted areas
- Laptops are popular by traveling thieves, and in store burglary
- Tablets are popular, mostly I-pads from burglary in warehouse and store
- Harddrives and memory sticks are mostly local thieves selling to locals, we

found them in the local markets and on swedish E-bay Blocket.

Knowledge | Protecting the right things

- Productgroups calculated on
 - Cost of sales and margin
 - Number of units sold and in stock
 - Cost of security equipment
 - Staffcost for security equipment
- Divided all productgroups into pricelevels
- Risk assessment included
 - Theft in store
 - Burglary
 - Robbery
 - Internal theft
 - Fraud

	0 - 500	500 - 700	700 - 1000	1000 - 1500	1500 - 2000	2000 - 3000	3000 - 10000
Stock Loss Amount	-467.276 M	-219.932 M	-287.228 M	-389.367 M	-290.228 M	-468.212 M	-468.212 M
Stock Loss Qty	-5.712	-302	-405	-465	-342	-546	-546
Stock Qty	40.918	7.382	5.614	9.918	2.846	6.132	6.132
GM	18.814.206 M	2.427.701 M	2.439.106 M	3.788.186 M	2.123.662 M	7.747.144 M	7.747.144 M
Part of GM in loss	2%	8%	12%	10%	13%	6%	6%
Qty sold	324.912	25.477	23.036	24.762	17.315	38.968	38.968
Revenue	36.668.677 M	12.029.637 M	15.173.247 M	24.260.128 M	23.039.602 M	52.774.963 M	52.774.963 M
Revenue split	21%	7%	8%	12%	12%	29%	29%
Personnel/stock sticker	162.148 M	9.633 M	7.257 M	7.869 M	5.768 M	9.123 M	9.123 M
Personnel/stock safer	363.181 M	20.638 M	18.661 M	20.157 M	13.655 M	23.464 M	23.464 M
Staffcost (safers 1/100)	64862,6	3005,4	4607,6	4952,4	3421	5793,6	5793,6

Product security specification		Inserted tags from		Not in stock	Display product alarm
CG NR	Productgroups / model	(in all)	Safers or (Spiders) from		
4-87-30	Mobile Handline	€ 100	€ 100	-	-
4-87-60	Tele Memorycards	€ 50	€ 50	-	-
5-31	Computers Desktop	€ 100	€ 700	-	yes
5-33	Computers Laptop	All	€ 200	€ 700	yes
5-34	Computers Netpad	All	€ 100	€ 500	yes
5-36	Monitors	€ 200	€ 500	-	-
5-41	Communication Network	€ 50	€ 150	-	Magnetholder
5-43	Storage Hard Drives	€ 50	€ 70	-	-
5-44	Plug in Storage Memory	€ 50	€ 50	-	-
5-45	Consumables	All	-	-	-
5-50-	Gaming Console Stationary	€ 100	€ 100	-	-
5-50-	Gaming Console Portable	All	€ 50	-	yes



Ranomdized protection routines are not accurate when you have our range and volume of products we have calculated all our hot products and detected those who need protection

- Total Revenue, Grossmargin and Number of units, lossvalue of each productgroup
 -Cost of staff handling on and off security equipment
 -Cost of the security equipment (tags and safers/spiders)
 -By the end we divide all groups into different priceleves and make a calculation for each group and pricelevel and take a decision of the need and benefit of protection
- We see a lot of different effects, when we protect more expansive, but not the cheap, thefts of the cheap ones often increase immidietly, therefor the calculation is being done regularly during the year and productprotectionmatrix updated.



Knowledge of incidents

- As we collect information from the losses of products, we also need to identify the way of working by the criminals

Policereports

Total number of incidents LY

- Incidenttype per store and period of time, either from internal systems or policereports.
- Use crimecode to categorize

Nearby Kungsgstan store LY

- Also storelevel crimes
- Mapping the store is ost important

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- We are collecting all information around incidents leads to a policereport. If you havce internal incident system you can get it more validated.
- To get a picture of all different stores, we need to have incidents registered and statistics available. If needed we have the police reports available at the sharepoint servers.

Knowledge | criminal activities

Increase

- Burglaries yearly variably
- Fraud attempts
- Theft with violence (robbery)

Decrease

- Theft in transport
- Theft in store
- Completed ID Frauds



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Increase:

- Burglaries yearly variably, we have had an extreme year, with XX burglaries and attempts, I will give you some details
- Attempts of fraud have increased during the last 4-5 years, but we have solid routines both at e-commerce and the stores
- Threat of violence after a failed theft has increased three times last couple of years

Decrease

- Theft in transport, I will give you some more information of our efforts to reduce these
- Theft in store have a stable development and I will give you a short update on our problems
- Frauds completed is decreased during the last couple of years

Crime | Burglary

- Value of goods
 - Products of more than 300 000 SEK concentrated
 - Multiple of the same items
- Time to enter and exit site
 - 5 minutes is maximum to success
 - Exit roating, multiple and high speed roads
- Level of security
 - Solid buildings, increase extent of damage
 - Multipel protectionlayers, working as prevention



12

- We have had a lot of burglaries, suffering from 5-6 different criminals gangs local and travelling thieves
- Local gangs operating in stockholm, Gothenburg using vehcles such as pickups, forklifts, catepillars and regular cars
- We had a romanian gang from roof climbing down stealing display from telecom and computing.
- Main target in all burglaries, are products of a specifik brand, Apple, Iphones, Ipads and Macbooks are stolen

Crime | Theft in store

Examples of methods

- Hit and run
- Destroy of packages
- Using of magnets to open protection
- Using of boosterbags override EAS

Prevention

- Value of goods displayed
 - Distance to enter/exit
 - Staff availability
 - Number of customers
- Value of stock, in the store
 - Value of items
 - Brand and popularity



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Incidents:

- We have almost no or very few teenagers and unprofessional thieves anymore, but are suffering from a lot of semi and professional thieves traveling around stealing products in all of our stores in the Nordics.
- Using the method in one store, they can probably succeed with the same in next store traveling along the high ways around the country. Sometimes they have addresslists in car, when arriving to Sweden.
- Swedish regulation of CCTV and personal data giving us problems to share information between the stores

Prevention:

- How we built the stores is not easy to affect, but our work with the product protection matrix gives us a strong advantage
- Apple products need to be protected, a lot of them into secured cabinets

Crime | Theft in transport

- Change of distribution
 - Local Companies
 - Local drivers
 - Drivers only with local wage agreement
- Change of control of transportation
 - Planning of the routes
 - Control of the routes
 - Requirement of safe parking
 - Regulated security routines in agreement



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- 2008-2014 we were using a global firm for all our transports in the nordics, using hauliers with drivers from eastern europe, during these years we have been suffering from a lot of burglaries and lack of products at arrival in store.
- The transports in sweden was made by more local drivers because of cabotage regulation and we had much lower rate of crime to these stores

In 2014 we changed to new contracts

- We have collected and analyzed all these incidents and took a decision to change
- Incidents still happen, but more of individual mistakes and randomized criminals

Crime | Fraud

- Knowledge of methods
 - 90% lives more than 100km away from store
 - More than 50% are Apple products
 - More than 50 % are more than 12 000 SEK
- Completed frauds decreased last four years
 - Training of staff
 - Use of the knowledge
 - Control routines developed
 - Technical equipment combined



15

- 2010-2012 we have increasing number of frauds using false ID, first in store and later in e-com. First we just added controls with UV lamps
- We collected and detected common characteristics from almost all ID frauds, we started to use the information and created a policy to reach Zero frauds, adjusted control routines, trained all staff selling subscriptions and finance services.
- 90% decrease of the fraud losses in 4 years
- Since we started this process quality of false ID was improved, UV hologram was included, we had to adjust and improve our routines of control



Successfactors

Success|Loss prevention

- Take advantage of the sale initiatives
 - Active salestaff are loss prevention
 - React and respond are my keywords
- Staff and manager training
 - Loss prevention and salestraining
- Correct stockvalues at all times
 - 72 hour rule to overhaul deviations
- Don't rely on technical equipment or guards
 - Combined with staff



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- We have a salesdriven organisation, I have early recognized that best way to succed with lossprevention in store is to take advantage of all connected touchpoints. Activity by all employee in store is effective, especially when they know about Hot products and cold areas
- React and respond is central for all member of staff
- Loss prevention training are mandatory and given frequently together with sales training
- Most effective regulation is 72 hour rule, no one is allowed to take decision to have wrong stockvalue
- Technical equipment needs to be used by staff, or not worth paying for



- Questions anyone?