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MAKE YOUR RETAIL STORE SMART USING AI-ENABLED VIDEO ANALYTICS

Challenges for Retail Store

Limited insight into on-ground operations, leading to increased deviation from established SOPs

Decisions on resource utilisation like real estate, workforce and equipment are based on intuition rather than real data.

Analytics is mostly done manually, which means low scalability, high costs and low turn around times

Increased losses and lost potential revenue due to damages, lack of accountability, stock-outs etc.

We help Facilities see

Use Face Analytics to collect data on customers (Age, Gender, Loyalty)

We also collect data on the expressions of customers (Happy, Sad, Angry Neutral etc)

Collect data about the behaviour of visitors (Heatmaps, Shelf Analytics, Time)

Identify operational bottlenecks (Queue Length Alerts, Congestion, Identify Stock outs, Cleanliness)

Prevent Shrinkage :

- Suspicious Behaviour and Face Recognition for burglars
- Identify Staff related shrinkage
- Identify unusual/anomalous activity to enhance Loss Prevention efforts

Security and Safety Related Features; Ensure that the store is safe for customers.
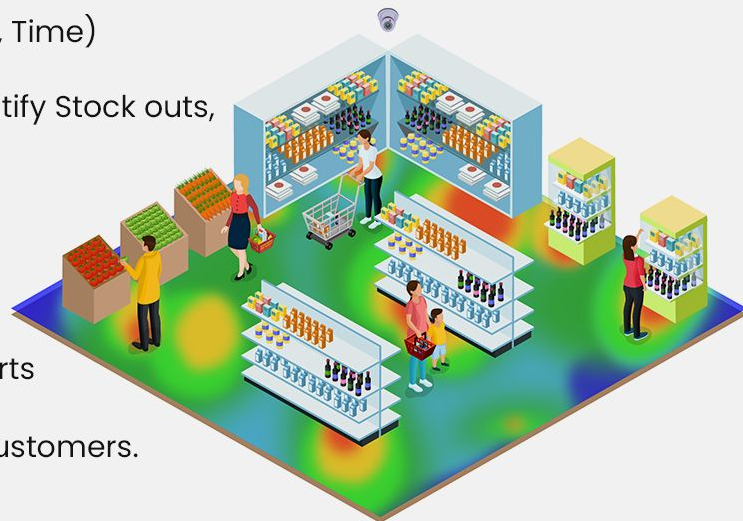
We give you Eyes!

Automate most monitoring tasks

Increase decision making ROI and Impact

Save upto 50% in manpower and monitoring costs

Improve compliance to SOPs by 70%

Enhance physical security by 50%

Increase operational efficiency by identifying bottlenecks

Why Video Analytics?

Reduces cost and increase efficiency

Stay compliant and explore innovative solutions to manage costs while leveraging existing investments in camera installations.

Automate operations and improve performance

We partner with you to limit risk and boost performance

Transform into a smart and secure retail store

Make your retail store smart & secure with real-time data on operations and performance.

Increase customer satisfaction and turn-around times

Keep your customers satisfied with improved performance.

How It **Works On Cloud**

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NVR/DVR
(Public IP)

Over The
Internet
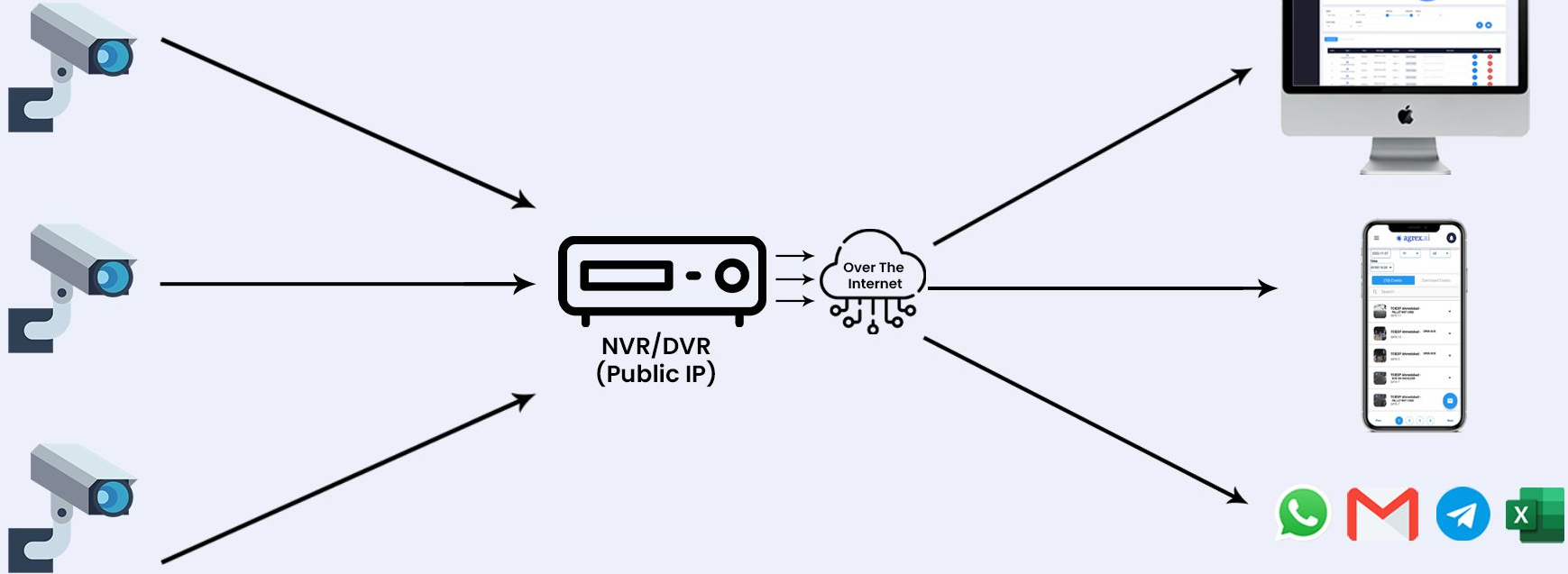
Data Collection from
multiple sites

How It **Works On Premises**

NVR/DVR
(Public IP)

(AIVIS)
Analytics Box
(Small/Medium/Large)

Over The
Internet

DC IN 5V   e-SATA   HDMI   SD Card
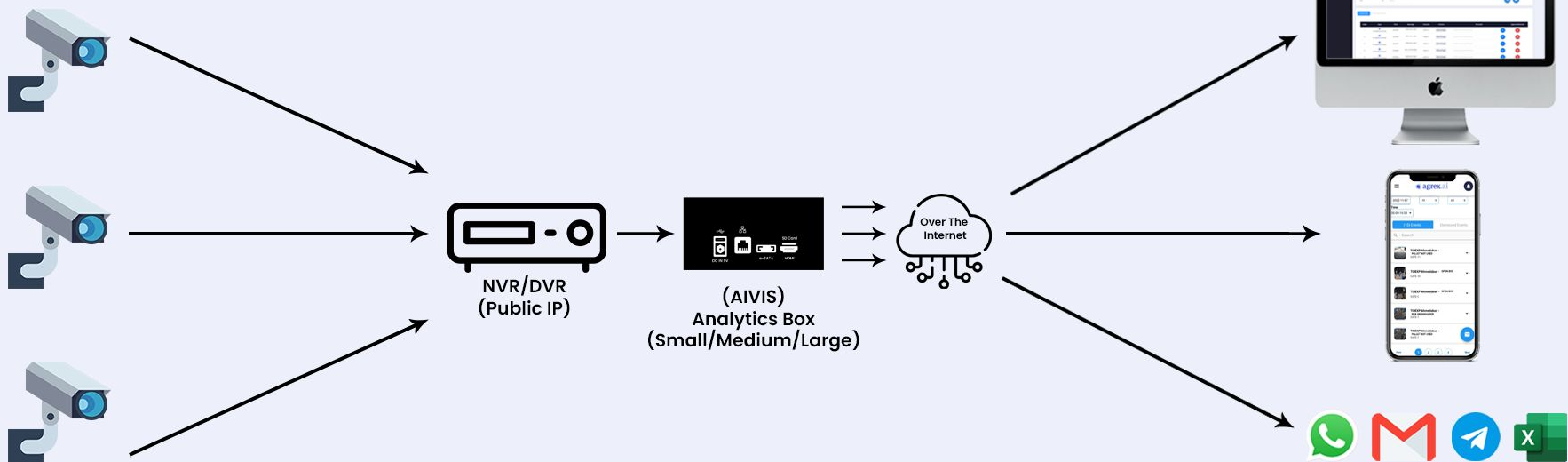
Data Collection from
multiple sites

Operational Areas and Features

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Customer Intelligence

- Customer Demographics and Footfall
- Facial Expression
- Unique/Repeat Customers
- Dwell Time
- Customer Profiling

Customer Behaviour

- Heatmaps
- Customer Paths
- Shelf Analytics
- Eye Tracking

Retails Operations

- Cleanliness
- Uniform/Hygiene
- Stockouts
- Shelf Analytics
- Queue Length
- Dwell Time

Loss Prevention

- Suspicious Behaviour
- Face Recognition
- Staff Monitoring

Safety and Security

- Unatteneted Audience
- Cap/Helmet/Face Covering Detection
- Camera Tampering
- Guard Sleeping/Absent Detection
- Intrusion Detection

Retail Use Case

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People Count

Track Customer Behaviour

Tracking Customers Paths

Detects Objects taken Or Left Behind
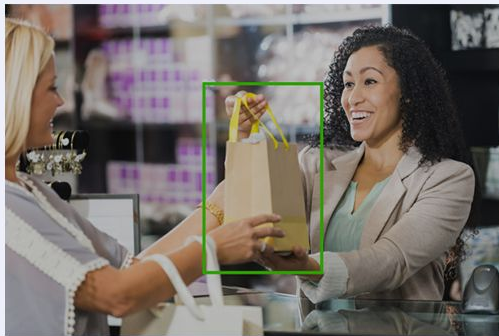
Identify products getting sold out

Recognizes Camera Tampering

Retail Use Case

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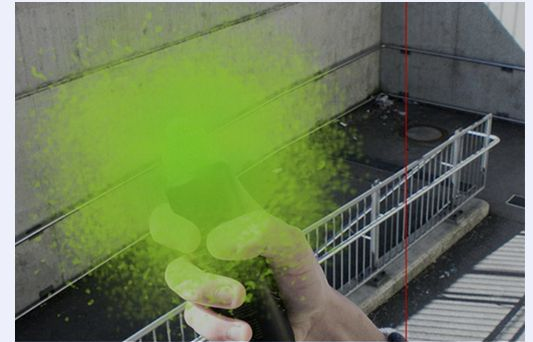
Detects Suspicious Movement
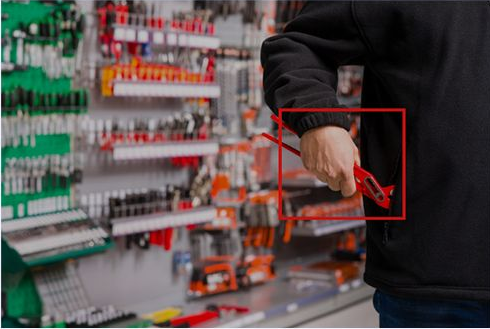
Identifies Smoke, Fire, & Other Dangerous Anomalies

Queue Management

Inventory Management

Camera Blackout

HDD NOT WORKING

NVR Offline

NVR OFFLINE

Why Us?
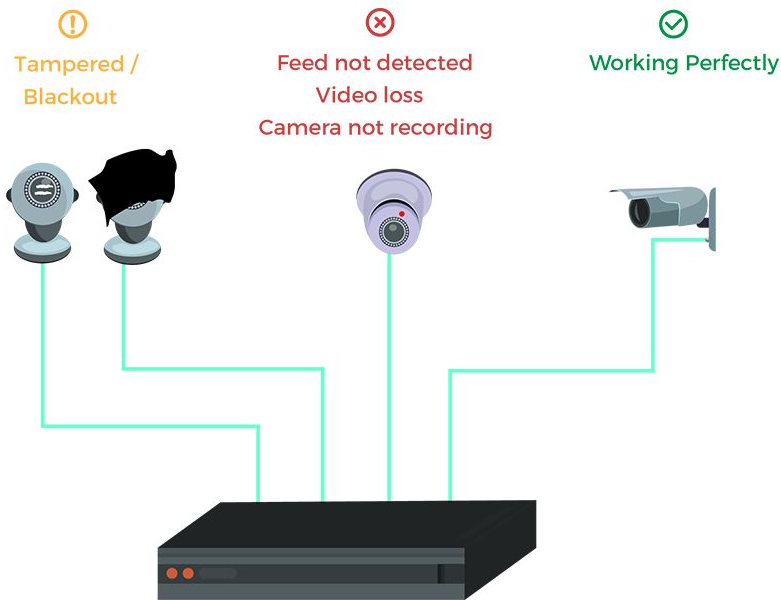
- Best-in-class accuracy and competitive pricing
  •95%+ Footfall, 99%+ Gender, 90%+
- Staff Exclusion based on face or dress-code
- Connectivity with Wi-Fi, LAN, or SIM
- Data Storage and Backup in case of power outages, internet outages etc.
- Integrations like POS systems to generate more insights
- Ease of installation
- Works with existing infrastructure
- GDPR and other privacy laws compliant
- International Presence
- Real-Time Information
- Data Security
- State-of-the-art Performance
- Fast Support
- Easy Deployment

Tampered / Blackout

Feed not detected
Video loss
Camera not recording

Working Perfectly

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![agrex.ai logo]

Examples of few verticals we work with

Border Protection	**Warehouses**	**Restaurants**	**Retail Store**
Campus Protection	**Perimeter Security**	**Factories**	**Apparels**
Active Combat Systems	**ATM Security**	**Hospitality**	**Supermarkets**
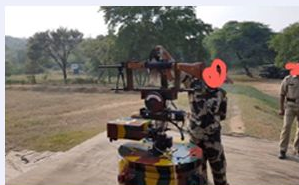
AIVIS Device
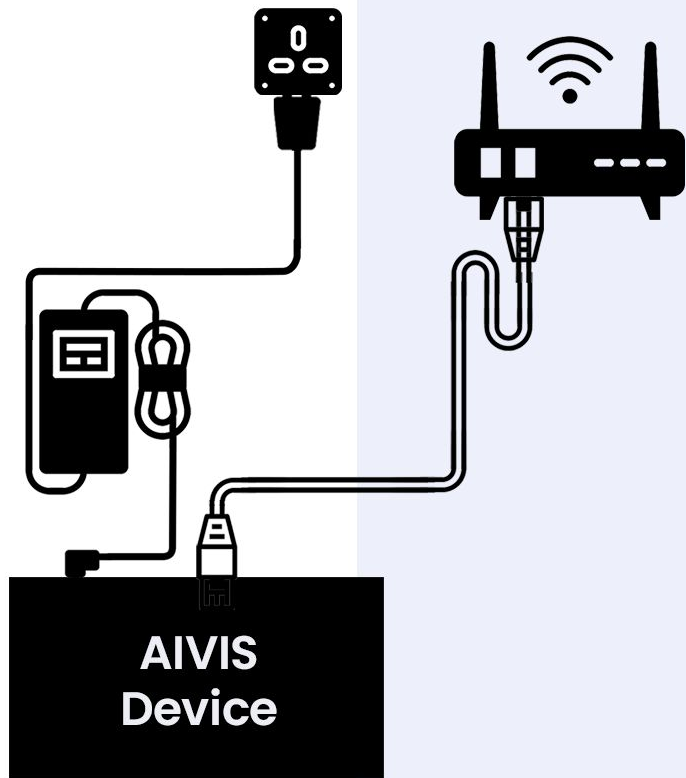
Support and Installations

- Installation Infrastructure PAN India in major cities.

- Each store installation takes 30mins - 1 hour

- Currently, ~30,000 cameras enabled

- Manual Monitoring for Accuracy in new installations

Media Coverage

Thank You :)

Arush Kakkar
CEO - Agrex.ai

Request a call **9953575169** | Mail to **arush@agrexai.com**

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