



JARVIS

Powered by Staqu

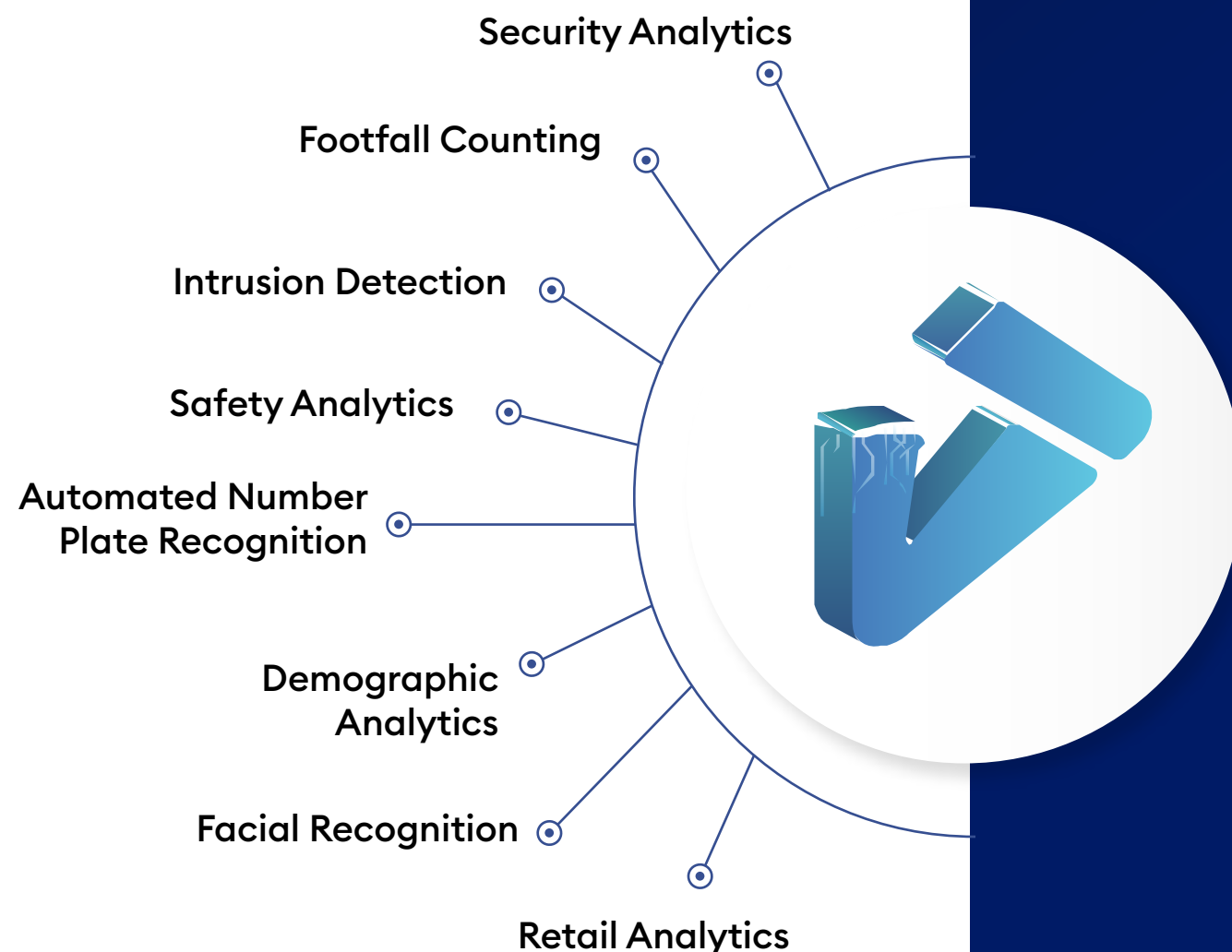


Turning Existing CCTVs Smarter

JARVIS Audio-Video
Analytics Solution is
reinventing the way
organizations use their
CCTV cameras.

Core Competence

Over the years, Staqu has been at the forefront of the AI Technology industry with its plug-and-play, video, and audio data analytics tool JARVIS. The solution has unique interactive features that have helped organizations grow at an exponential rate. Our solution can be embedded in existing infrastructure and uses the existing CCTV camera and an internet connection to provide actionable data insights through CCTV video feed. It is a centralized video management software, alerting in real-time focusing on all audio-video streams.



Why Choose JARVIS

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▶ Utilize video feed as actionable insights

JARVIS is a proprietary audio - video analytics solution that helps organizations from various industries realize the true potential of their video data and utilize the data points in creating actionable strategies to ensure increased revenue, loss prevention, and accelerated operational efficiency.

▶ Easily integrate with any VMS

To run JARVIS, you only need an IP camera and reliable internet access. It has its own VMS Technology or can be integrated with any VMS and deployed on the cloud or at the edge which can be accessed anywhere, anytime.

▶ Save deployment time and costs

With the Streaming Agent tool, our latest innovation, organizations don't require a static IP at all locations for deployment. This in turn helps accelerate the deployment cycle and reduces network infrastructure costs.

▶ Leverage 100+ Analytics data points

JARVIS Video analytics software provides accurate, flexible, and comprehensive data insights for over 50 use cases. Derive valuable insights from 100+ analytics to accelerate situational awareness and improve operational intelligence.

▶ Rely on incomparable Accuracy

JARVIS is undoubtedly one of the world's best video analytics software. Its results are reliable and accurate. For instance, the Facial Recognition System comes with more than 99.7% accuracy in LFW Dataset, Youtube Faces, NITS, as well as Indian and international facial databases.



Product Video

02



JARVIS Audio-Video Analytics Solution



Staqu.com

Our Clients

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Industries We Serve

Our primary objective is to assist the industries in generating income with the least amount of human resource consumption & the greatest possible efficiency using our automated solution, JARVIS.

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Retail



Manufacturing



Infrastructure



Smart City



Public Sector



JARVIS for Retail

Go one step further than standard video surveillance to implement AI-powered video analytics to reshape existing CCTV infrastructure usage beyond security and loss prevention. JARVIS's video content analytics increase revenue and reduce costs of shopping malls, fashion stores, discount stores, convenience stores, specialty stores, department stores, food stores, etc., and provides actionable insights for a better customer experience.



Retail Industry

Key Features

1 Footfall Analysis

Gain qualitative insight like the number of visitors on an hourly, daily or monthly basis and get new sales opportunities.

2 Demographic Analysis

Develop the understanding of gender & age of your audience using statistical analysis that will help in shaping marketing strategies.

3 Premium Customer Identification

Provide a better customer experience by identifying repetitive and premium customers using CCTV cameras.

4 Queue Management

Get the estimated wait time for each person in a queue to optimize the total number of queues and to reshuffle the customers between queues for quicker billing.

5 Heatmap Analysis

Detect the warmest place in real-time for store traffic and identify which spot of the premises is/isn't going well with the audience.

6 Customer Journey Tracking

Analyze the complete customer journey through various touch points across all channels for better decision making.



JARVIS for Manufacturing

Today's modern manufacturers understand that the value of analyzing CCTV monitoring goes far beyond PPE compliance and crime deterrence. Video content analysis solutions are currently being used as a proactive means to develop strategies to improve security and operational efficiency. With JARVIS, organizations can increase their profits by using the onsite video surveillance and management process at their production facility.



Manufacturing Industry

Key Features

1 Automatic Number Plate Recognition

Identify vehicles' number plates automatically to improve security and manage real-time traffic.

2 Fire Safety

Get real-time alerts on the detection of smoke and fire to avoid any life loss or post event losses.

3 Intrusion Detection

Get real-time alerts for any intrusion along with footage of the incident allowing rapid verification of the source and take action.

4 Smart Conveying

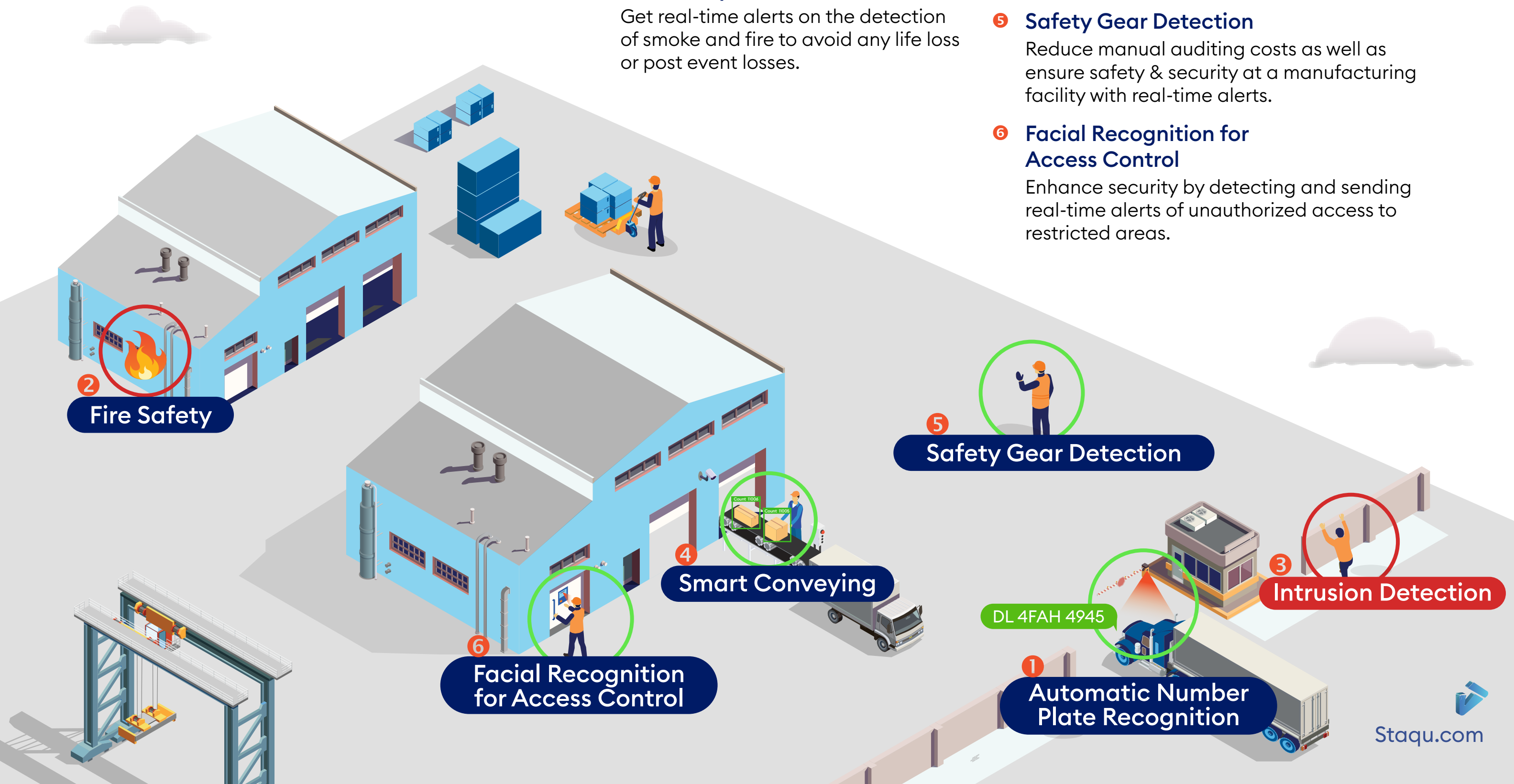
Automate constant monitoring of conveyor belts to streamline productivity analysis and enhance operational efficiency.

5 Safety Gear Detection

Reduce manual auditing costs as well as ensure safety & security at a manufacturing facility with real-time alerts.

6 Facial Recognition for Access Control

Enhance security by detecting and sending real-time alerts of unauthorized access to restricted areas.



JARVIS for Infrastructure

JARVIS identifies questionable behavior and promptly alerts the security officers to concentrate on the most critical tasks and monitor the areas with the greatest danger. It replaces the need for operators to monitor several cameras and acts as a game-changing innovation in perimeter security and loss prevention for critical infrastructure. Real-time alerting makes the process of decisions to be made quicker and avoids delayed response loss.

Infrastructure Industry

Key Features

1 Perimeter Security

Keep a check on the perimeter security & get alerts for any foreign movement or other abnormal activity near the property.

2 Smart Parking Management

Give required access to the occupants with real-time parking occupancy data to make the whole process easy.

3 Footfall Analysis

Maximize revenue by re-targeting add-on services on the basis of the footfall received per floor.

4 Abandoned Baggage Detection

Get a notification for an unattended item left behind on the premises.

5 Fire & Smoke Detection

Decrease the harm & boost fire control efforts by giving the early sign notifications for something that could be disastrous.

6 Hygiene

Get human eye equivalent detection of hair net, hand washing, cleanliness, and dispenser usage to check hygiene compliance.



JARVIS for Smart City

Smart City monitoring attempts to improve public safety, reduce crime, keep the transit system running smoothly, and protect property. In today's metropolitan surroundings, JARVIS delivers a spectrum of intelligent and integrated video solutions to fulfill complicated surveillance requirements and improve security and traffic management.

Smart City

Key Features

1 Traffic Congestion Detection

Replicate the human visual system for traffic management by ascertaining, foreseeing, and alleviating traffic congestion using CCTVs.

2 Accident Detection

Real-time AI-based reporting mechanisms and traffic monitoring can result in saving lots of lives with a hustle-free insurance claim settlement by understanding the facts of the event.

3 Person of Interest Tracking

Identify person of interest in real-time in widespread sectors from smart cities to retail.

4 Violence Detection

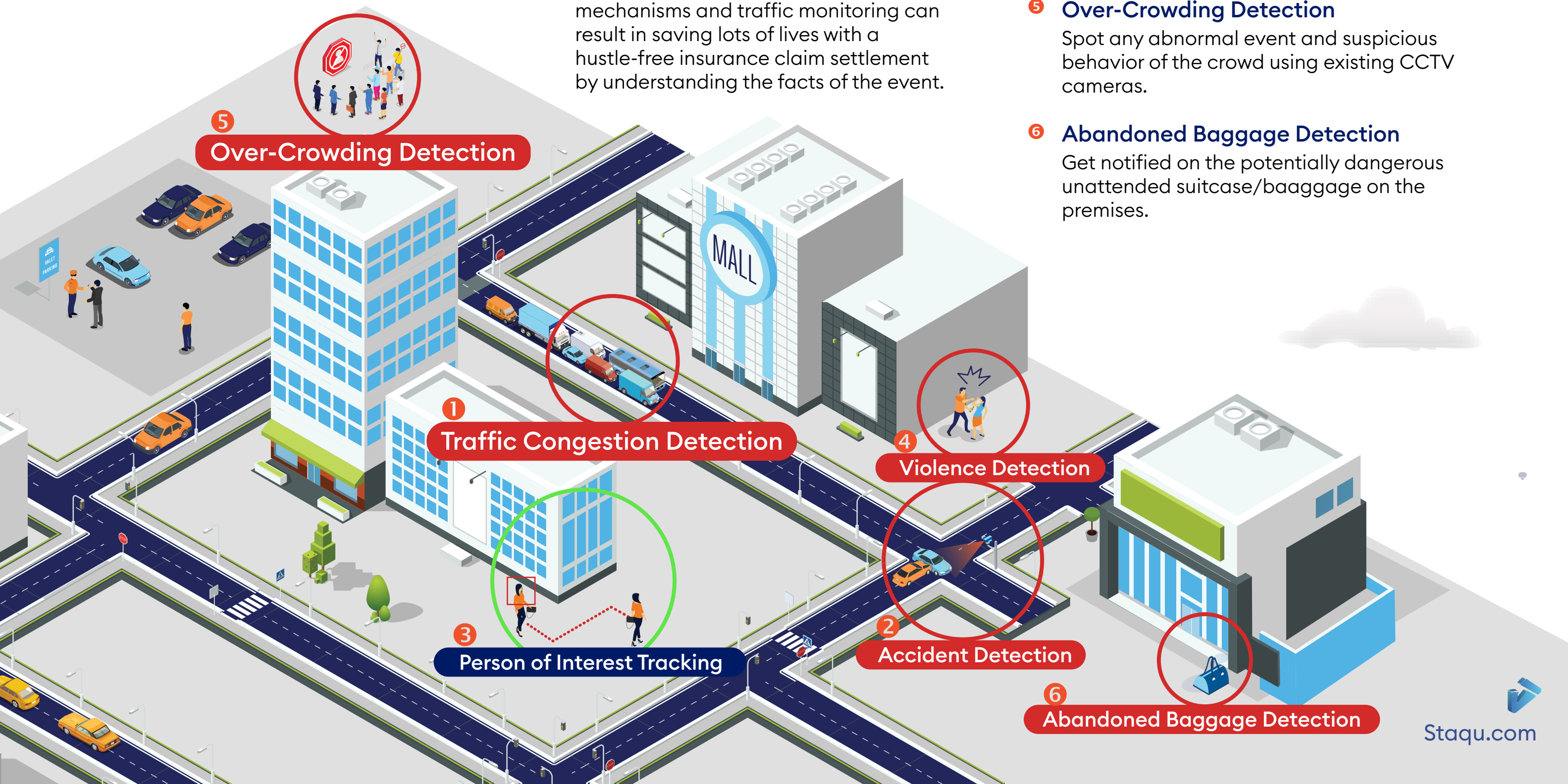
Detects different physical fights by sharing alerts for behavioral analytics and postures like, hand movement, touching, kicking.

5 Over-Crowding Detection

Spot any abnormal event and suspicious behavior of the crowd using existing CCTV cameras.

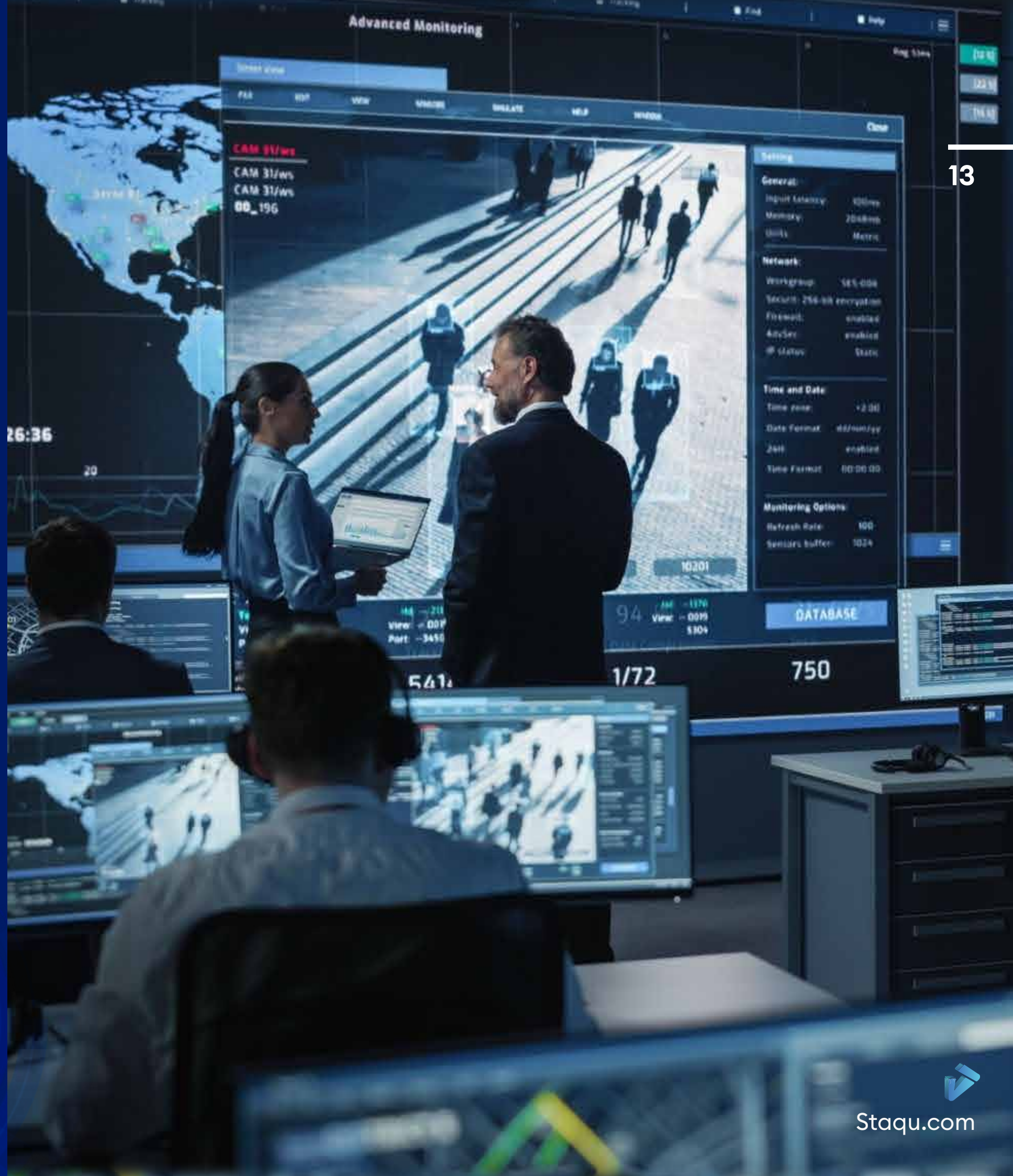
6 Abandoned Baggage Detection

Get notified on the potentially dangerous unattended suitcase/baaggage on the premises.



JARVIS for Public Sector

The potential value of AI-powered video analytics technology allows law enforcement to improve operations to help government agencies deter criminal attacks, and reduce crime and other threats by assisting operational units in focusing adequately on suspects and suspicious behavior and more effectively deploying field resources.



Public Sector

Key Features

1 Violence detection

Help law enforcement organizations in tracking any incident of violence within any specific area.

2 Automatic Number Plate Recognition

Identify vehicles' number plates automatically to improve security & manage real-time traffic.

3 Crowd detection

During the time of any potential protest building up at any location get situational awareness in real-time.

4 Facial Recognition

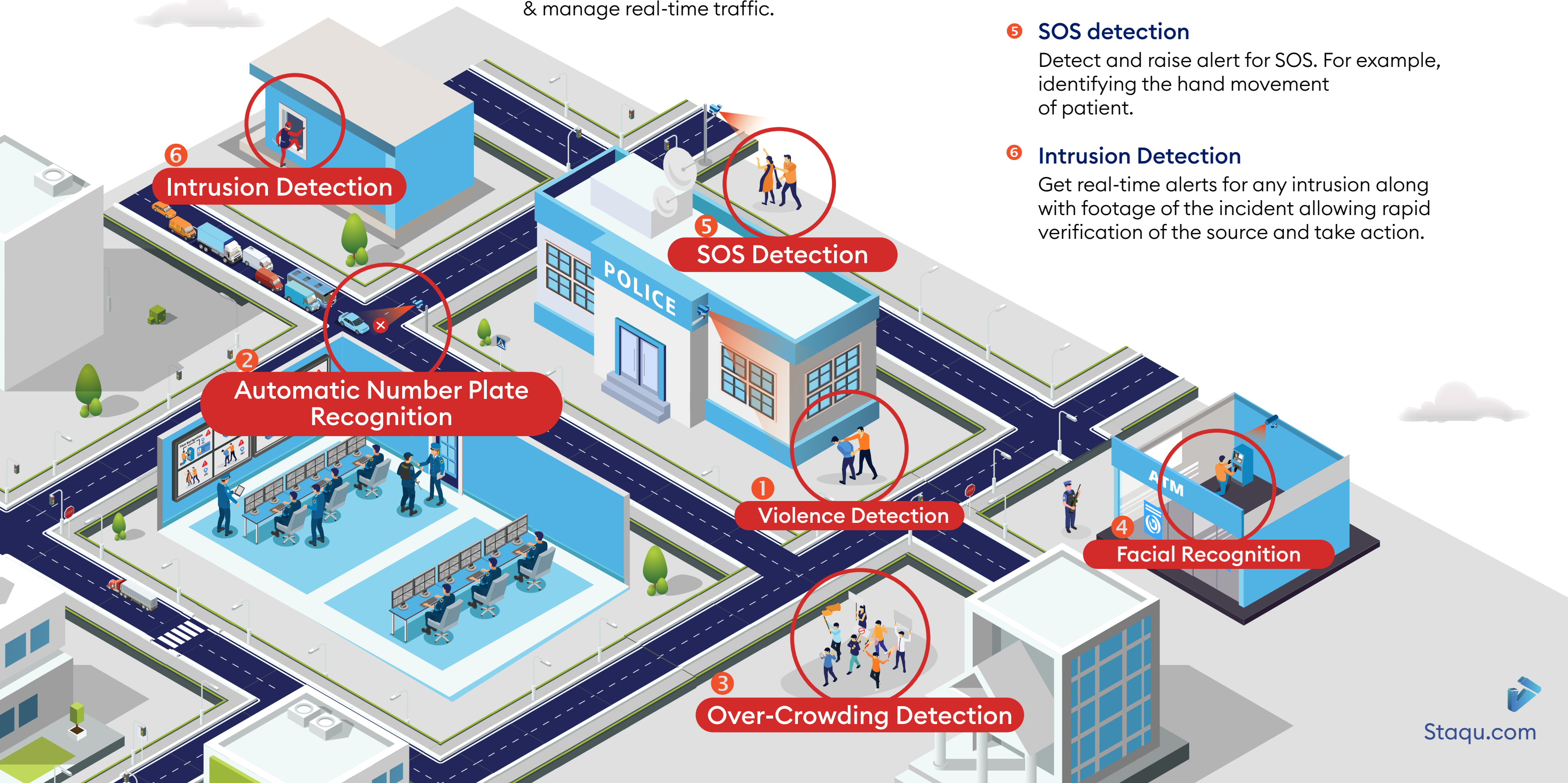
Identify criminals flagged in the existing database at any location using FR and make criminal search significantly effortless.

5 SOS detection

Detect and raise alert for SOS. For example, identifying the hand movement of patient.

6 Intrusion Detection

Get real-time alerts for any intrusion along with footage of the incident allowing rapid verification of the source and take action.



What Our Clients Say About Us!

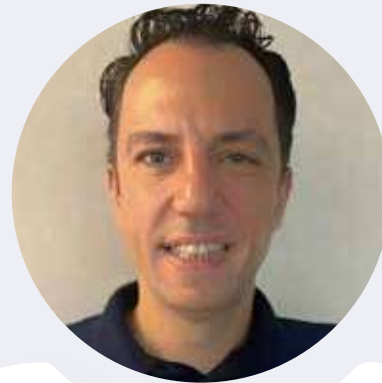
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The best part about JARVIS is that it is camera agnostic, and has plug-and-play solutions, real-time alerting, and a remarkable VMS (Video Management System).

Dr. Biswajit Rath
Head Analytics, CRM
& Digital, Raymond
Limited

Raymond



The tie-up with Staqu is in perfect alignment with Olive's mission and vision to manage properties remotely, make living spaces safer, secure, & guarded against delinquents and wrongdoers without increasing overheads.

Mr. Kahraman Yigit
Co-Founder & CEO,
Olive Living

live
BY EMBASSY



We have already closed 10-12 features and we are looking for 25 more. JARVIS has made our process more fluid, safe & efficient.

Mr. Jitendra Singh,
Group CIO JK Super
Cement

JKCement



I am super happy with Staqu and I believe JARVIS Video Analytics solutions could work for 80-90% of industries.

Mr Mohit Malik
CTO, Chaayos

Chaayos

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Staqu.com

Corporate Philosophy & Journey

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Staqu was formed with the idea of bringing in a revolution with artificial intelligence. Co-founded by three technology enthusiasts, Staqu has been in business for the past 7 years. What started as a simple idea, is now a full-fledged AI-based solution, having worked with over 100 clients from various industries.

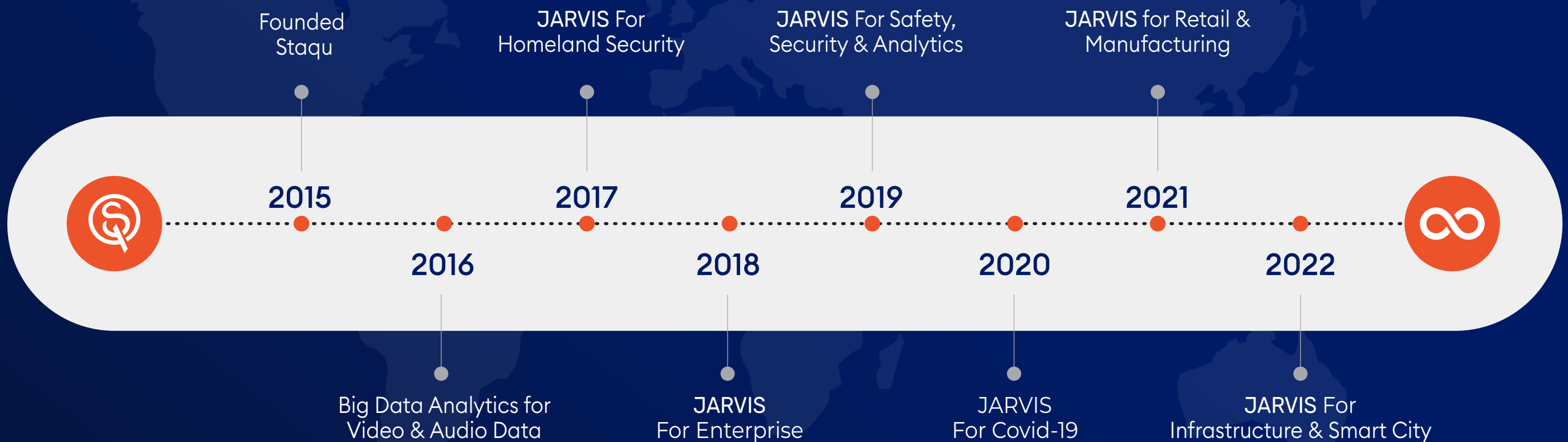
JARVIS was initially used for homeland security. Making a space of its own in this field by providing outstanding results, JARVIS gradually branched out to other sectors as well. JARVIS has been able to bring groundbreaking change in the AI domain with its unique features and accurate results.

100+
Clients
Served

5M+
Monthly Alerts
Generated

20k+
Cameras
Onboarded

25+
Research Papers
Published



Leadership

Staqu was founded in the year 2015, and we have accomplished so much over the years. Creating a world where video analytics solution improves various processes has always been our goal. Even before AI became well-known in our nation, our founders were inspired to start this company. They saw the future where AI would be indivisible in the functioning of our daily lives.



Atul Rai

CO - FOUNDER, CEO

10+ years of experience in Computer Vision
& Machine Learning

9 Research Papers Published in AI Domain



Anurag Saini

CO - FOUNDER, CTO

Worked with leading smartphone ODM brand:
Qualcomm, Mediatek, Coolpad, Dewav



Pankaj Sharma

CO - FOUNDER, VP ENGG

6+ years of experience in developing
& designing large scale architecture:
Micromax, Zomato, Panasonic



Awards

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FICCI Smart Policing
Award UP Prison
Department For the
Year 2021



National Startups
Awards Citizen
Security For the
Year 2020



TiE Lumis
Excellence Award
For the
Year 2020



IAMAI Award
Best use of
ML For the
Year 2019



Tech
Rocketship
Award For the
Year 2018



NASSCOM
Award AI Game
Changer For the
Year 2018



NASSCOM
Award League
of 10 For the
Year 2018



Acknowledged
under Top 17
Start-ups TOI For the
Year 2017



IBM GEP
Award Winner
For the
Year 2017



IBM GEP
Award Winner
For the
Year 2016

Partnerships

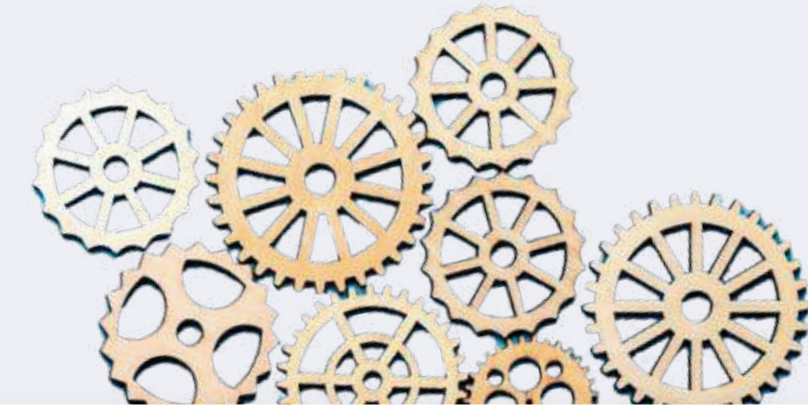





Microsoft
Partner



Our Patents


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 INTELLECTUAL PROPERTY INDIA <small>PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS</small>		 भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE <small>(Rule 74 Of The Patents Rules)</small>		क्रमांक : 011109633 SL No :	
पेटेंट सं. / Patent No.	:	303927			
आवेदन सं. / Application No.	:	3653/DEL/2015			
फाइल करने की तारीख / Date of Filing	:	09/11/2015			
पेटेंटी / Patentee	:	STAQU TECHNOLOGIES PVT LIMITED			

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित LARGE SCALE IMAGE RETRIEVAL BASED ON IMAGE AND SKETCH BASED QUERIES नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 9th day of November 2015 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।




It is hereby certified that a patent has been granted to the patentee for an invention entitled LARGE SCALE IMAGE RETRIEVAL BASED ON IMAGE AND SKETCH BASED QUERIES as disclosed in the above mentioned application for the term of 20 years from the 9th day of November 2015 in accordance with the provisions of the Patents Act, 1970.


INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS


 अनुदान की तारीख : 04/12/2018
 Date of Grant


पेटेंट नियंत्रक :
 Controller of Patent


टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 9th day of November 2017 को और उसके पश्चात प्रत्येक वर्ष से उसे दिन देय होगी।
 Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 9th day of November 2017 and on the same day in every year thereafter.

 INTELLECTUAL PROPERTY INDIA <small>PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS</small>		 भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE <small>(Rule 74 Of The Patents Rules)</small>		क्रमांक : 011109564 SL No :	
पेटेंट सं. / Patent No.	:	303742			
आवेदन सं. / Application No.	:	3654/DEL/2015			
फाइल करने की तारीख / Date of Filing	:	09/11/2015			
पेटेंटी / Patentee	:	STAQU TECHNOLOGIES PVT LIMITED			

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INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS | GEOGRAPHICAL INDICATIONS


 अनुदान की तारीख : 29/11/2018
 Date of Grant

पेटेंट नियंत्रक :
 Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 9th day of November 2017 को और उसके पश्चात प्रत्येक वर्ष से उसे दिन देय होगी।
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Success Story

About the Client

Since its launch in 2009, Travel Food Services (TFS) has become the biggest F&B retailer in the travel industry & has established a formidable position in the country's food and beverage retail sector. The business has catered to people on the go by offering a range of cuisines in several settings, including restaurants, lounges at airports, etc

Situation

With the onset of the pandemic in 2020, TFS planned to work on Covid-19 protocol adherence. With time, the company also wanted to work towards revenue generation, loss prevention, staff productivity, and adhering to standard operating procedures (SOPs).

Solution

The business required our SaaS-based product, JARVIS, to be deployed in over 200 cameras across nine major travel hubs. Despite the substantial amount of work, our team completed the implementation system on their existing infrastructure rather quickly.

Impact

With Jarvis' application, TFS saw a 57% increase in its sales as the eating areas, and the billing counters have reduced wait times. Forecasting through footfall analysis has given the company an upper hand regarding when and where their lounges, restaurants, and outlets have the highest number of customers.

Logo

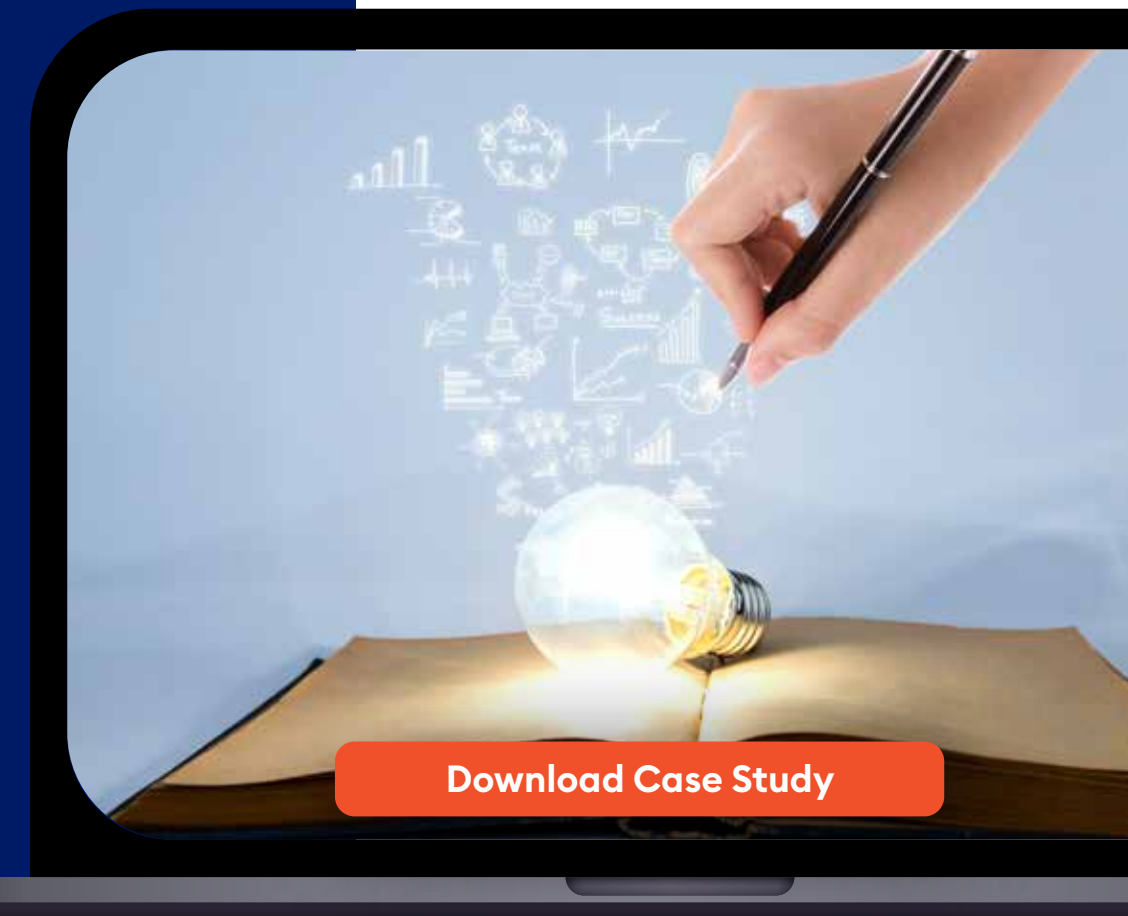


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Team Staqu has an excellent ability to understand the business. Their proactiveness is what differentiates my experience with Staqu.

Mr. Nikhil Bhushan
IT Leader, Travel Food Services Pvt Ltd

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THANK YOU

info@staqu.com | www.staqu.com

