JARVIS

AI-POWERED SOLUTION TO COMBAT COVID-19

ENSURING SAFETY | REAL-TIME SECURITY | DATA ANALYTICS

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*In compliance with Responsible AI principles

STAQU
Perceiving the future

JARVIS

Founded in 2015, running India's largest video analytics implementation

Homeland Security

Intrusion | Crowd Analytics | Violence | Theft | Criminal Tracing

Partnered with Dubai Police and 8 Indian state security forces
JARVIS is live with UP Government on **3000** cameras and **71** locations

COVID-19 Response

COVID Identification | Suspect Tracing PPE Monitoring | Patient Monitoring

Invited by the NITI Aayog to form the COVID-19 Response Committee

Safety & Hygiene Analytics

Kitchen Hygiene | Warehouse Safety | Manufacturing Safety

People Analytics

Footfall Analytics | Crowd & Demographic Analytics | Engagement Analytics

50+	20+	4+	2*
Implementations	Research Papers	Published Papers	Patents

Ensuring Safety | Enforcing Hygiene | Real-time Security | Advanced Analytics

OUR CLIENTS AND PARTNERS

Telangana Police

Larsen & Toubro

Tata Capital

Dubai Police

AGC Networks

Wipro

Indian Army

Uttarakhand Police

Uttar Pradesh Police

Rajasthan Police

Assam Police

Haryana Police

Punjab Police

Bihar Police

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OUR LAURELS & ACCOLADES

TiE LUMIS AWARD

IAMAI AWARD

NASSCOM AI GAME CHANGER

TOP-17 STARTUPS TIMES OF INDIA

WINNER OF IBM GEP AWARD 2016

WINNER OF IBM GEP AWARD 2015

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COVID-19 : A New World is waiting

livemint

Representative image. Home delivery of food and groceries is permitted during the covid-19 lockdown. Photo: Priyanka Parashar/Mint

COVID-19 Updates: Pizza delivery boy tests positive for coronavirus in Delhi, 72 homes quarantined

1 min read . Updated: 16 Apr 2020, 12:02 PM IST
Staff Writer

THE ECONOMIC TIMES

Social distancing, hygiene to be must at workplaces

Several state governments have also begun holding discussions with industry to draw up a 'strategic plan' for the operation of factories and other establishments after the lockdown is lifted. There are also proposals to set up community kitchens within factory establishments.

abc10

One dead, 51 infected with coronavirus at Safeway distribution center in Tracy, Newsom confirms

Multiple employees have told ABC10 over the past week that Safeway's new actions to prevent COVID-19 spread at the warehouse are "too little, too late."

Author: Andie Judson (TEGNA), Victor Nieto
Published: 5:33 PM PDT April 16, 2020
Updated: 10:41 PM PDT April 16, 2020

BUSINESS INSIDER

HOME > EXECUTIVE LIFESTYLE

Singapore is launching a new audit system to certify that its hotels are clean and safe to ease post-coronavirus travel fears

Raini Hamdi, Skift Apr 14, 2020, 10:34 PM

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COVID-19 : MHA Guideline* for upcoming time

MHA (Link) : 15th April 2020

- ➢ Social Distancing/ Seating 6 ft away in office space

- ➢ Work force with Mask

- ➢ 50 Percent work force

- ➢ Body temperature measurement

- ➢ No gathering more than 5

- ➢ Not more than 2 person in lift

- ➢ Disinfection and sanitization of workplace

- ➢ Office vehicle only with 30-40 % capacity

*Annexure II and III

www.staqu.com

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COVID-19 : PROBLEM STATEMENT

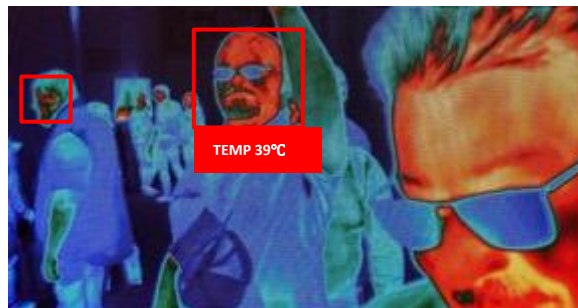| Category	Problem Statement
Safety	Difficult to track or monitor the **face mask** (Covid Safety) manually
Monitoring	As, **Social Distancing norm** is becoming a mandate at most of the places and manually tracking every staff/person is not possible
Monitoring	Currently, there are trust issues b/w people & there is no way to keep a check on whether **Hygiene compliances** are being followed or not i.e; person has washed his hands or not OR the place has been cleaned or not
Safety	Challenge of measuring the body **temperature** at different point of time
Monitoring	Contact Tracing of **the patient**
Monitoring	**Monitoring the Sanitization** mopping, cleaning of work space at a regular interval is one of the most important activity but there is no automated way to monitor it

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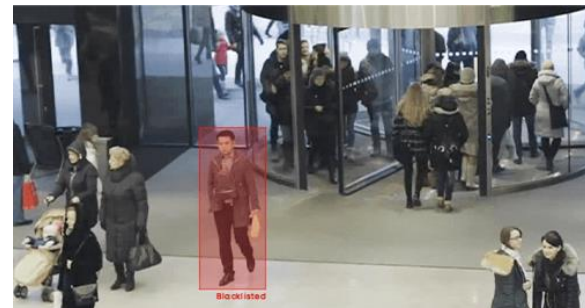**TURN YOUR ORDINARY EXISTING CCTV CAMERAS, SMARTER**

JARVIS - MAKE YOUR PREMISES SAFE & SECURE

FACE MASK IDENTIFICATION

FEVER IDENTIFICATION – FACE DETECTION

FACE RECOGNITION FOR SUSPECT IDENT.

SOCIAL DISTANCING CHECK

HYGIENE CHECK (CLEANING/SANITIZATION)

REAL-TIME ALERTS ON VIDEO WALL

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JARVIS ARCHITECTURE

Feed From NVR

Face Mask Detection

Mopping Detection

Hygiene Check

Social Distancing Alert

Camera Stream

Microsoft Azure
(Machine learning service)
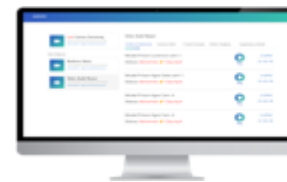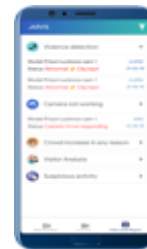
Azure Logic app

Real Time Alert

Control Command Center

Security Admin

Mobile Alert

AI Powered solution that gives real time alerts for safety and hygiene compliance issues (SOP).

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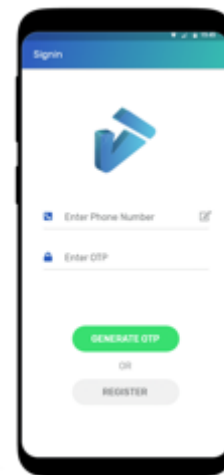# JARVIS DASHBOARD & INSIGHTS

**VIDEO WALL SOFTWARE
(REAL-TIME ALERTS)**

DESKTOP SOFTWARE

MOBILE APP

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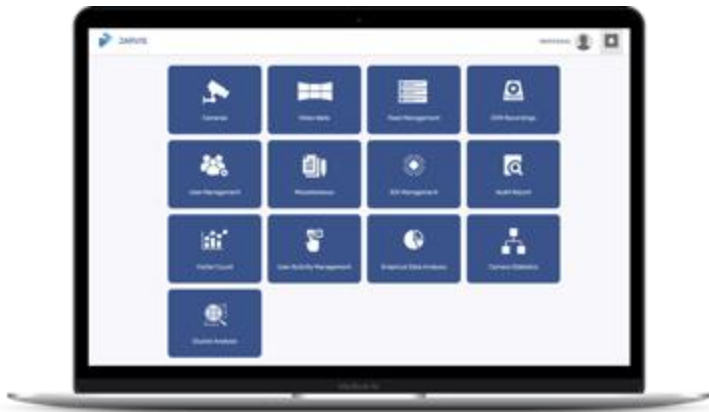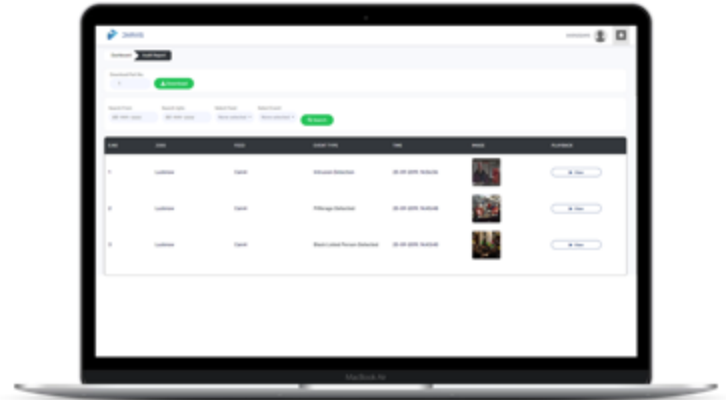
JARVIS VMS DASHBOARD

VIDEO WALL (N * N matrix)

REPORTS & ANALYTICS

REAL TIME ALERTS & NOTIFICATIONS

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FEATURES AND SPECIFICATIONS

- **High Accuracy:** Our Facial Recognition System comes with more than **99.7%** accuracy in LFW Dataset,

- **Camera Agnostic:** Our AI models are camera agnostic and is not particularly optimized for a particular brand, make and model of the camera. It works with any IP camera with at least 2 MP.

- **Plug n Play Solution (Minimal CAPEX Infusion):** We just need an IP camera and decent internet connectivity to run JARVIS. It can be further integrated with any VMS and is deployed on **Microsoft Azure**.

- **Threshold Sensitivity Control:** The user can control the sensitivity of the recognition system depending upon the sensitivity of the deployment.

- **Resolution Independent:** The face recognition can be performed on videos with any resolution, 640×480 or higher. And, the size of the face should be at least **30x30 pixels**.

- One stop Covid-19 solution for all compliances

- Equipped with other safety , security features relevant for originations to automate various activities

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Covid 19 : MEDIA COVERAGES

Forbes

This startup modified its AI prison monitor to fight Covid-19

Coronavirus cases can now be detected in crowds by a thermal camera from this Indian startup

SANCHITA DASH | MAR 18, 2020, 14:49 IST

hindustantimes

india cities coronavirus opinion world cricket entertainment education trending videos tech podcasts health auto • • •

Home / Tech / Gurgaon-based startup launches AI-driven thermal camera to detect temperature

Gurgaon-based startup launches AI-driven thermal camera to detect temperature

STARTUP

Gurugram-based startup Staqu has modified AI-powered JARVIS to battle coronavirus

AI startup Staqu Technologies has adapted its product, JARVIS, to identify people flouting social distancing norms, measure body temperature, and help doctors monitor patients. It is also working to help put delivery of essentials back on track.

By Shreya Ganguly

0:00 / 6:03

Outlook

THE NEWS SCROLL

18 MARCH 2020 Last Updated at 5:06 PM | SOURCE: IANS

Staqu launches AI-driven thermal camera to detect temperature

Last Updated : Apr 15, 2020 02:27 PM IST | Source: Moneycontrol.com

Five start-ups assisting government to combat COVID-19 crisis

Here are five start-ups which have come up with a digital solution to tackle the ongoing Coronavirus crisis.

Moneycontrol News
@moneycontrolcom

Start Accepting
Payments with or
without a Website

Startup India

Tech tactics: Startups take up the fight against coronavirus

Updated: March 31, 2020 8:53:33 PM

MacApp Studio, Founders Against Covid-19 & Staqu are among several startups that have come up with tech solutions to detect, trace and track Covid-19 infected citizens.

Advertisement

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JARVIS :Other opportunities

AI-Powered Video Analytics

FACE RECOGNITION ACCESS CONTROL

INTRUSION DETECTION

VIOLENCE DETECTION

CROWD DETECTION

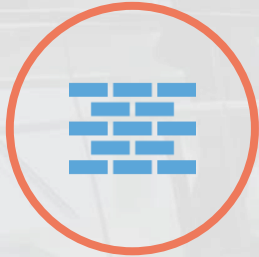**QUEUE MANAGEMENT**

UNIDENTIFIED OBJECT

CAMERA TAMPERING

THEFT ANALYSIS

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How can JARVIS help you?

PERIMETER SECURITY

VISITOR COUNTER

FIRE FLAME DETECTION

SAFETY GEAR CHECK

SUSPICIOUS ACTIVITY

DEMOGRAPHIC PROFILING

DENSITY/FLOW ANALYSIS HEATMAPS

STAFF PRODUCTIVITY TRACKING

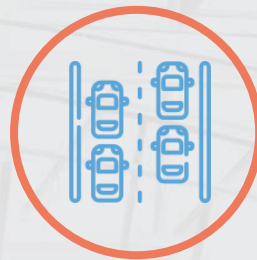*In compliance with Responsible AI principles

How can JARVIS help you?

VEHICLE LICENSE PLATE

TOLL / PARKING MANAGEMENT

TRAFFIC RULES

VEHICLE ID. AND COUNTING

AUDIT REPORTS AND ANALYTICS

USER MANAGEMENT

REAL-TIME ALERTS

24X7 CUSTOMER SUPPORT

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THANK YOU

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