Ipsotek has developed a range of solutions that are focused on protecting people and enabling businesses to operate safely during the COVID-19 pandemic. These solutions can be applied in warehouses and distribution centres, shopping malls, office building, stadiums and transportation hubs.

COVID-19 Solutions
Protecting People & Keeping Businesses Safe
Ipsotek’s VISuite COVID-19 solutions enable businesses to proactively manage their working environments and provide a safe workplace for their staff.

**Face Mask Detection**

Face mask detection for a wide variety of face mask types. Also includes anti-spoofing and other similar presentation attack detections.

**Social Distancing**

Ipsotek’s patented geospatial algorithm detects if individuals are in breach of social distancing rules.

**Direction Flow and People Counting**

VISuite AI’s real-time dashboard tool allows operators to review areas with a high frequency of violations thus identifying walkways that require more observation.

**Contactless Entry**

People can enter and exit electronically controlled doors and turnstiles to reduce contamination whilst ensuring anyone who tailgates is detected.

**Occupancy Counting**

Live people counting reports can be created to notify operators how many people are in different zones within a given location (i.e. train platforms, shopping malls, etc) before they reach the designated capacity.

**Contact Tracing**

Ipsotek’s Incident Response interface enables operators to rapidly search networked CCTV cameras using our forensics search and Tag & Track algorithms based on an individual’s appearance or face biometrics.
During a recent project to assess Ipsotek’s Social Distancing solution we set one parameter to log metadata when people were closer than 2m for 3 seconds.

We configured a second parameter to raise an alarm when people were closer than 2m for 10 seconds or more.

Lastly, if a spike in proximity events was detected, an email was sent to the supervisor and triggered a camera audio alarm.

Over a 3 week period, Ipsotek’s Social Distancing solution led to a 70% reduction in violations. VISuite AI also provided actionable data that was previously not available to the management such as; daily reports on violations, information on hot-spots within their premises, daily trends and spikes.

Incorporated within VISuite AI is a powerful reporting tool which allows end users to display metadata as a dynamic dashboard. The image above shows Social Distancing violations, where people are closer than 2m for longer than 3 seconds across eight cameras.
Established in 2001, Ipsotek is a pioneer in the field of Artificial Intelligence (AI), Scenario-based Intelligent Video Analytics, Face Recognition (FR) and License Plate Recognition (LPR) solutions for mission critical applications. With a proven track record of delivering its award-winning platform, VISuite, to customers world-wide, Ipsotek is recognised as a trusted solutions provider with extensive subject matter expertise.

- 70+ Airport Projects
- 60+ Border, Transport and Police Authorities
- 19+ Nuclear, Oil & Gas and Energy Sites
- 600+ Projects in 38 Countries
- 15,000+ VISuite channels
- 1,400+ VIFace channels

Ipsotek has integrated with many of the world’s leading security manufacturers’ products. These include:

* A full list of our current integrations is available upon request.

For more information please visit [www.ipsotek.com](http://www.ipsotek.com) or contact our offices below

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