New Uses of AI Video Analytics Created by the COVID-19 Crisis

In the attempts of returning to a normal routine, enforcing new policies are crucial in order to maintain the required health practices of the COVID-19 era. innoVi, Agent Vi's AI-Powered Video Analytics Software features key capabilities to support the fight against the spread of COVID-19. Here are four key tools that will have a large impact on the success of achieving a revised and safe reality.

1. Social Distancing

innoVi uses AI based video analytics to detect and track the position and proximity of people in the camera's field of view. innoVi allows to setup specific rules that will generate real-time alerts upon violation of social distancing policies. Location of each detected event is reflected on a map, allowing enhanced situational awareness and effective response. innoVi also enables retroactive review of recorded video and reports to enable tracking past events or identify specific areas where people seem to repetitively violate social distancing policies, which allows methodic enforcement of these violations.

2. Crowding/ Occupancy

innoVi assists in enforcing the changing crowding restrictions by detecting a configurable number of people in a predefined area for longer than a predefined time period. Once the crowding rule is breached, innoVi will send automatic alerts and notifications to the relevant enforcement parties. With innoVi's people counting rule, it is possible to count the number of people entering and exiting a store or a facility. innoVi sends automatic alerts when the specific predefined number is breached, enabling control over the occupancy level.

3. Contact Tracing

Identifying infected individuals and quickly tracing others that might have been exposed to them, are crucial measures in order to prevent the disease from spreading. Tracing an infected person can be done by innoVi Investigation, using its search capabilities by defining a person with specific criteria such as clothing color, viewing their location on a map and creating a timeline that traces their movements.

4. Anomaly

In these new times of uncertainty, being aware of any extraordinary situation is a great advantage. innoVi's anomaly detection will detect and generate alerts for unusual events or motion patterns that would otherwise go unnoticed. Using AI and self-learning algorithms, innoVi can detect and uncover anomaly situations without requiring the operator to predefine specific rules in advance.

innoVi operates accurately in both indoor and outdoor environments and is designed as one central platform that supports numerous cameras located across remote and distributed sites. With its innovative AI technology and cloud architecture, innoVi offers real time alerts, advanced search capabilities and operational insights that suit a variety of security, safety and business applications.

Keep safe. Be in control. Use innoVi.