

Mistral Announces new AI-enabled Thermal Screening System for Body Temperature Detection

Automated mass people screening solution for Airports, Railway Stations, PSUs, Factories, etc

Bangalore, India, Wednesday, 27 May 2020: Mistral Solutions, a leading technology design and system engineering company, announces the introduction of an “Automated Thermal Screening System”, a body temperature detection and alert system for large establishments and public places to be placed at the entry and exit points.

The COVID-19 pandemic has brought in unprecedented situations and is expected to make a long-term impact across the globe. As governments mandate screening of people at the entry and exit of establishments to track the body temperature; enforcement agencies are confronted with this massive challenge. Moreover, the traditional methods of screening are mostly man-managed, resulting in delays, congestion and have their own limitations such as close contact with people, high risk of transmitting infection, high cost, low efficiency, etc.

Mistral’s Automated Thermal Screening (ATS) system is an Artificial Intelligence enabled mass people screening solution for establishments where a high footfall is expected, viz. Malls, Railway Stations, Bus Stations, Airports, Public/private Organisations, Factories, etc. Mistral’s ATS System offers various benefits over traditional thermal systems. The automated system effectively reduces manpower requirement and close contact between people. The ATS System offers faster people detection and temperature measurement and generates real-time, accurate data for active monitoring and quick decision making. Automated Thermal Screening System can perform simultaneous temperature screening of multiple people with an accuracy of $\pm 0.5^{\circ}\text{C}$.

The system consists of Thermographic Cameras, Multi-Channel NVR, PoE Switch and an optional Black Body Calibrator for higher accuracy.

“Mistral has always been a trustworthy partner offering cutting-edge solutions for Government, Defence and Homeland Security applications for the past 22 years. The ATS solution from Mistral is aimed at providing organizations an affordable solution to fight the extraordinary situation created by the Covid-19 pandemic. We believe that the ATS System will aid large establishments and government bodies in controlling the spread of Covid-19 by effectively monitoring people entering their premises” said Anees Ahmed, President, Mistral Solutions Pvt. Ltd.

Features of ATS System

- Automated temperature screening with an accuracy of $\pm 0.5^{\circ}\text{C}$
- Continuous monitoring with very low error status
- Detection of up to 30 people at a time
- Temperature measurement range of $86^{\circ}\text{F} - 113^{\circ}\text{F}$
- AI-enabled mass detection
- Detection and screening from 0.8 to 9 meters
- Real-time alarms
- Lower Manpower usage

- Generates real-time data and analytics
- Centralised data management
- Optional Black Body Calibrator for higher accuracy

For pricing and availability, please contact us at info@mistralsolutions.com or hs@mistralsolutions.com

About Mistral

Mistral is a technology design and systems engineering company providing end-to-end solutions for product design and application deployment. Mistral is focused in three business domains - Product Engineering Services, Aerospace & Defence and Homeland Security. Mistral provides total solutions for a given requirement, which may include hardware design, embedded software development, systems integration, and customized turnkey solutions.

Mistral offers a variety of solutions for Homeland Security requirements like Emergency Response Management, Surveillance Systems, Command and Control Solutions, Video Analytics, Traffic Management, Mobile Surveillance Vehicle, Disaster Management and Border Surveillance for Police and Paramilitary. Our Homeland Security solutions enable the government to upgrade and modernize their set-up and systems, with the latest technology and equipment. These solutions provide information in real-time, enabling quick and rapid decision making.

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