



ITC CARES: Control Access with Rapid Employee Screening

OVERVIEW

Organizations are facing the risk of disruption to their day-to-day operations due to COVID-19. Thermal cameras can be deployed for touchless screening at various checkpoints in any facility, scanning visitors for elevated body temperature and PPE compliance before they enter the workplace. ITC CARES, our Artificial Intelligence-powered solution detects temperature variation without identifying the individual, ensures compliance with safety guidelines as per CDC norms (such as PPE usage at the point of entry), and supports advanced analytics (such as analyzing the increase and spread of positive cases, etc.) Integrated workflows with the HR system helps in guiding employees and visitors on the necessary precautions needed to prevent spread of Covid-19 at workplace

KEY BENEFITS

- ✓ AI-powered, cloud-based solution provides real-time monitoring, secure collaboration, and instant notifications
- ✓ Centralized command center for visibility into operations across multiple locations and facilities, with detailed reporting and analytics
- ✓ Reduce the risk of infection to your staff through non-contact interfaces
- ✓ Get accurate real time temperature readings and quickly identify at-risk zones
- ✓ Monitor and improve PPE and sanitization compliance
- ✓ Provide your staff with quick access to critical information via simple, user-friendly dashboards



SOLUTION HIGHLIGHTS

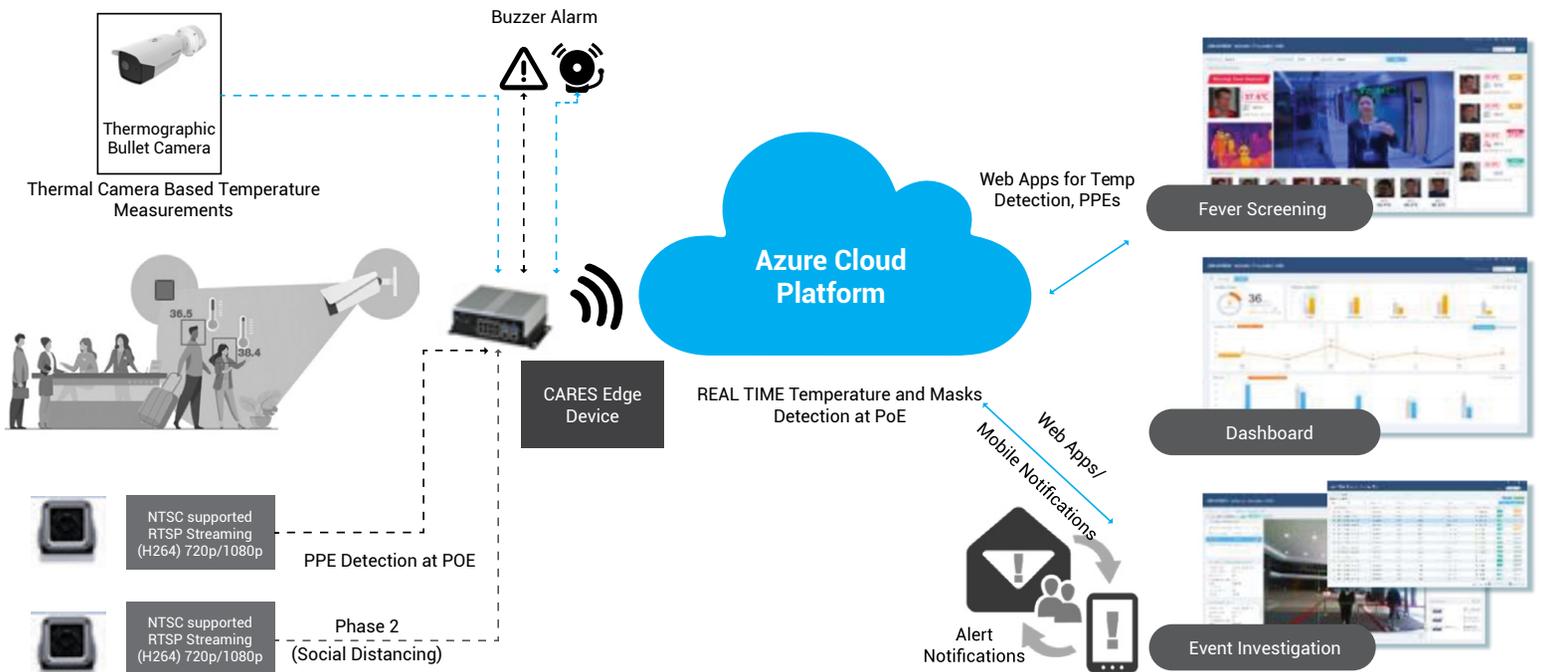
Key Features

- ✓ Body temperature detection through thermal camera integration without identifying the individual
- ✓ PPE compliance at the points of entry
- ✓ Social distancing compliance at common areas like cafeterias, conference rooms, etc.
- ✓ Real-time web and mobile alerts for [GO] / [NO GO]
- ✓ OCR-based employee ID card integration
- ✓ Enablement of zone-wise restrictions (geo-fencing)

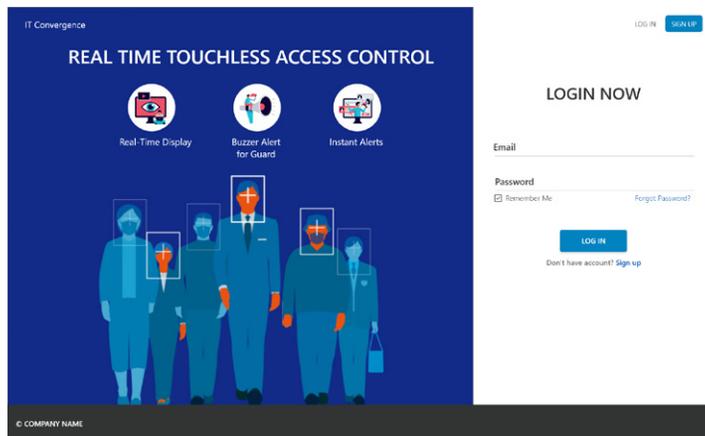
Specifications

- ✓ Vision-based AI solution with real-time monitoring
- ✓ Iterative machine learning model training for PPE detection
- ✓ Integrated predictive safety analytics
- ✓ Role-based access for multiple users
- ✓ Total incident recording and reporting with integrated analytics
- ✓ Social distance breach detection through visual data analysis
- ✓ Mobile application dashboard for real time status check through smartphones

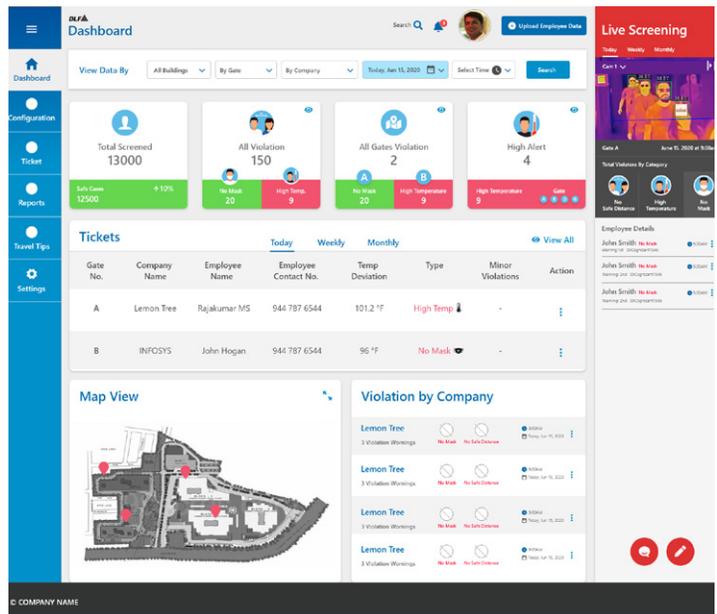
Solution Architecture



Login Screen



Dashboard



BENEFITS FOR BUSINESS AND HR

ITC CARES integrates with your business and HR applications to create automatic, customizable workflows – such as sending notifications to the company HR or the concerned Manager when safety guidelines are violated. The solution is fully customizable and the workflows can be tailored to your environment and business needs.

DISCLAIMER

Core body temperatures should be further confirmed using clinical measurement devices like thermometers. It is recommended to use thermographic cameras in accordance with local laws and regulations.

There can be variations in temperature if the camera is used in an ambient environment. It is recommended to use the camera in covered areas or under shade for better performance. IT Convergence and our partners do not guarantee the performance of cameras in external environments.

About IT Convergence

IT Convergence is a global IT services provider with a comprehensive offering across technology consulting, digital services, and infrastructure-agnostic architecture and managed services. Our digital services portfolio includes Cloud advisory and migrations, hosting, digital integration, advanced analytics, IoT, Robotic Process Automation (RPA) and Automated Testing. We have created value for over 1,100 customers globally, including 1/3rd of Fortune 500 companies.