



AI Computer Vision for Back to School

Health & Safety in Education

AI Safety Solutions

Leverage the power of intelligent automation and computer vision (CV) to gain insights and analytics on individual behavior and safety, as well as support tracing of social distancing and overall HSE processes.

Proven Expertise

The V-Soft Digital team has extensive expertise in implementing CV, even using existing infrastructure and cameras. The team uses on-prem, cloud and fog solutions that work within varied architectures and address landscape and bandwidth limitations. CV solutions can be rapidly deployed in less than one week.

Components of Computer Vision

- Thermal Scanning
- Social Distancing Control
- Personal Protective Equipment
- Contact Tracing
- Behavior Analytics
- Headcount/Density Patterns
- Traffic
- Facial Recognition

V-Soft's Industry Expertise

- K-12
- Universities
- Healthcare
- BioTech/Pharma
- Smart City
- Office Space

Use Case Examples



Company

Elementary School



Challenge

Lack of health and safety procedures for children and faculty



Solution

Implement automated, touchless CV thermal scanning and PPE compliance solutions which can scan individuals or groups for real-time health monitoring



Result

Automated system allows quick and actionable decisions to support optimal health and safety conditions of students and faculty



Company

University



Challenge

Difficulty monitoring and tracking the health and safety of thousands of students, faculty and visitors across multiple campus buildings



Solution

Leverage a real-time IoT CV platform to provide campus-wide monitoring and remote support for public safety



Result

Automated solution provides contact tracing, analytics and reporting while reducing the risk of virus spread and maintaining a healthy campus

