



AT A GLANCE

COVID-19 has thrust major disruption into the working world. Businesses are faced with a critical balancing act of getting employees back to work while ensuring workplace safety. VANTIQ's Back-To-Work Accelerator enables businesses to rapidly deploy solutions to solve these needs.

KEY BENEFITS

- Rapid development of realtime applications
- Mix-and-match capabilities to address your needs
- Fully customizable to any industry and business environment
- Open-ended integration with cameras, IoT sensors, enterprise systems, and many other technologies

ABOUT VANTIO

Built on a modern reactive architecture, VANTIQ is an agile development platform to build scalable, distributed real-time applications. Founded in 2015 by renowned technology leaders, VANTIQ provides maximum agility for businesses to drive operational innovation and accelerate real-time business awareness.

OUR MISSION

To Enable Organizations to Rapidly Deploy Modern Technologies for Competitive Advantage

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Technologies for Operating in A New World Order

The VANTIQ **Back-to-Work Accelerator** is a prepackaged set of components and tools that allow businesses to safely return to work. Configurable to any business environments, the Accelerator provides a framework to jump start construction of solutions that enable the reopening of businesses.

Based on VANTIQ real-time Digital Twin technology, developers can quickly model the workplace and tie data coming from cameras, IoT devices and other enterprise systems. This data is used to create real-time awareness and decision making to better serve and monitor the workforce during the Coronavirus pandemic.

KEY FEATURES

- Workplace model that includes buildings, floors, spaces or rooms, and assets
- Pre-built user interfaces that can be easily customized
- FloorPlan widget for real-time visualizations of environments
- Real-time dashboard for operational monitoring and alerts
- Workforce manager with ability to add and assign roles to personnel
- Real-time notification system
- · Configurable real-time tracking for assets and personnel
- Extensible architecture with library of plugins and pre-integrated devices

CORE COMPONENTS

CONTACT TRACING

Identify people and correlate locations; Contact tracing algorithm; Integrates with RTLS Systems; Real-time data from Cameras/ Sensors

PHYSICAL DISTANCING

Detect individuals within spaces; Calculate distances between people; Count people in spaces; Real-time operational alerts

ACCESS MANAGEMENT

Enforce isolation zones; Real-time visualizations; Object Recognition & People counters; Detect security breach; Operational alerts



ASSET MONITORING

Maintenance & Field Service; Real-time status & alerts; Usage and Availability Location tracking;

SYMPTOM DETECTION

Sense for Symptoms: Elevated body temperatures, coughing, sneezing; Identify & Track people with symptom; Alert Security

SAFETY COMPLIANCE

Adhere to regulations;

Mask enforcement; Hygiene Tracking;

Smart Sanitization;

Cleaner Workplace

CONNECTED ASSETS

Access Control

- Badges
- Gates
- Biometric

Cameras

- ThermalCCTV
- Drones
- Hypervisor

Equipment

- Testing
- Soap dispensers
- Health checks
- UV sterilizers

Sensors

- Bluetooth
- Counting
- Beacon
- Lidar

Wearables

- Covid detection
- Distance measure
- Masks
- Tracking