



Optimizing global
operations from one
smart control room



HYUNDAI

Real-time plant operations monitoring for improved fire detection and prevention

OVERVIEW

Founded in 1967, Hyundai Motor Company is a multinational automotive manufacturer headquartered in Seoul, South Korea. Along with its subsidiaries, Hyundai Motor Group is the third largest vehicle manufacturer in the world.



CHALLENGE

Hyundai needed to combine surveillance camera video and sensor data from over 300 locations across its worldwide factories. Hyundai needed to monitor all key locations inside the plants from a central location, to reduce downtime, perform real-time diagnoses of production line problems, and improve its fire detection and prevention system.

SOLUTION

N3N delivered a comprehensive monitoring and detection solution that seamlessly blends sensor data and video surveillance feeds in a single view. With N3N, Hyundai can monitor hundreds of camera feeds from one smart control room to quickly detect, prevent and resolve issues across its global plants.

OUTCOMES DELIVERED

- Ability to monitor 14 plants from 1 smart control room
- Rapid detection and prevention of costly production line incidents
- Savings of \$1.4 million in annual monitoring costs
- 500% reduction in annual global dispatch costs through remote operations management

CENTRALIZED SMART CONTROL ROOM



- Real-time delivery of over 300 full HD resolution cameras from fourteen plants around the globe
- Ability to integrate and monitor live video cameras paired with hundreds of flame detecting sensors placed across production lines
- Live video layered on top of map data for better situational awareness
- Pop-up live video notifications connected to flame detection sensors



About N3N

N3N provides the world's #1 operations visualization platform. Leading brands and smart cities across the globe trust N3N to deliver innovative Internet of Things solutions and achieve transformative business and operational outcomes. Our dynamic operations visualization platform seamlessly converges data from sensors, connected devices, video and more in a single view for real-time actionable insights that drive real-world decisions. Founded in 2012, N3N is a Cisco venture-backed company headquartered in San Jose, California.