



**Real-time remote  
monitoring & control of  
global operations**

**posco**

# Real-time actionable insights for optimized manufacturing operations

## OVERVIEW

Founded in 1968, POSCO is a multinational steel-making company headquartered in Pohang, South Korea. In 2016, POSCO had an output of 41.6 million tonnes of crude steel, making it the world's fifth-largest steelmaker by this measure.



## CHALLENGE

POSCO needed to expand its steel production capacity by adding more production lines. They were looking for an efficient way to monitor and control their expanded operations in real-time to quickly detect issues impacting manufacturing operations and avoid unplanned downtime.

## SOLUTION

N3N delivered a comprehensive solution enabling real-time remote visibility and control of external systems (SCADA, IBM MAXIMO) and industrial video feeds and data through one seamless user interface – uniting disparate operations to help POSCO more efficiently monitor, detect and predict issues across global operations.

## OUTCOMES DELIVERED

- Reduced meantime to detect and resolve issues by allowing users to perform real-time diagnosis of production lines around the globe
- Improved individual operator productivity by reducing associated work time from 4hr/day to 1hr/day
- Savings of \$4.2 million in maintenance costs
- 500% reduction in annual global dispatch costs through remote operations management

## CENTRALIZED OPERATIONS PLATFORM



- Real-time remote control of disparate systems including SCADA and IBM Maximo from a single view
- Report generator using industrial video feeds, images and data
- Integration and delivery of industrial video with Pixel-On-Demand technology for reduced bandwidth usage
- Big data convergence and real-time trend data from SCADA



## 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.