

CASE STUDY

posco

CENTRALIZED OPERATION PLATFORM

OVERVIEW

POSCO, the world's largest steel producer was increasing production by adding additional production lines. The team at POSCO was searching for a next-generation monitoring solution to replace its outdated system.

POSCO selected N3N to integrate real-time remote view and control of its external systems.



SCOPE & SOLUTION DELIVERED

N3N Delivered:

- Real-time remote view and control of external systems (SCADA, IBM MAXIMO) through one user interface
- Intuitive UI authoring for diverse operation screens provided individual users and groups access to their systems
- Report generator using industrial video feeds, images and data
- Big Data convergence
- Real-time trend data from SCADA
- Integration and delivery of industrial video with POD



BENEFITS

N3N Delivered:

- Real-time remote control enables efficient global operation
- Remote data access to SCADA, IBM MAXIMO reduces time spent on physical collection of data
- Shorter time forecasts enabled through SCADA 'Time series' analysis
- Operation playback can be used as training material for new technicians

KPI	Before	After	Result
Individual Productivity	4 hr / day	1 hr / day	-3 hr
Maintenance Cost	USD 8.4 M	USD 4.2 M	- \$42 M
Network Bandwidth	360 Mbps / 36 HD	10 Mbps / 36 HD	-350 Mbps
Annual global dispatch cost	Approx. USD 6 M	Approx. USD 1.2 M	-500%

Recap:

With INNOWATCH POSCO is able to protect the growing needs of its enterprise environment.

INNOWATCH reduced meantime to detect and resolve issues by allowing users to perform real-time diagnosis of production lines around the globe.

POSCO users are now able to quickly locate, predict and resolve issues in real-time.

To find out how N3N can help your team please drop us a line at [800.N3N.2095](tel:800.N3N.2095) or [email us at sales@n3n.io](mailto:sales@n3n.io)

