THINK VISUALIZATION

SAMSUNG ELECTRONICS
CASE STUDY

Learn How N3N Integrated 3,600 Live Video and Sensor Streams Into a Single Pane of Glass

N3N
VISUALIZE 1st
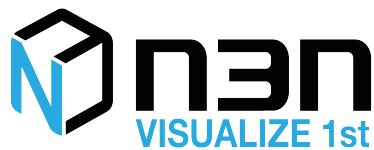
SAMSUNG ELECTRONICS

Eirik Solheim - www.eirikso.com

ABOUT SAMSUNG ELECTRONICS

Samsung Electronics, the worldwide leader in mobile phone and semiconductor production, is the flagship division of the Samsung Group, accounting for some 70% of the group's more than USD $200 billion in revenue. Samsung is the second largest tech company behind only Apple, shipping tens of millions of mobile devices every year, including the popular Galaxy series. The company has over a dozen manufacturing plants spread across South Korea, China, Vietnam and the United States.

SAMSUNG'S NEEDS

Samsung was in search of a system to strengthen its surveillance requirements. With limited network bandwidth, Samsung wanted to integrate its domestic and overseas production facility surveillance cameras along with infrared sensors on perimeters to its headquarters office in Suwon. INNOWATCH answered all of Samsung's needs.

Samsung Galaxy Note
in Black Onyx

N3N
VISUALIZE 1st | 800.N3N.2095

SAMSUNG ELECTRONICS

SAMSUNG ELECTRONICS

N3N SOLUTION OVERVIEW

N3N delivered a global monitoring solution that consolidates concurrent delivery of 3,600 sensor data and video streams on a 2x5 display cube in Samsung's Suwon, Korea, headquarters control room. The streams originate in Samsung's plants in China (Huizhou and Tianjin), Vietnam and Guri, Korea.

Through a single pane of glass, control room operators can see a mixed view of production data, camera feeds and global satellite maps, and, using point-and-click, can quickly zoom in on specific sites to increase situational awareness.
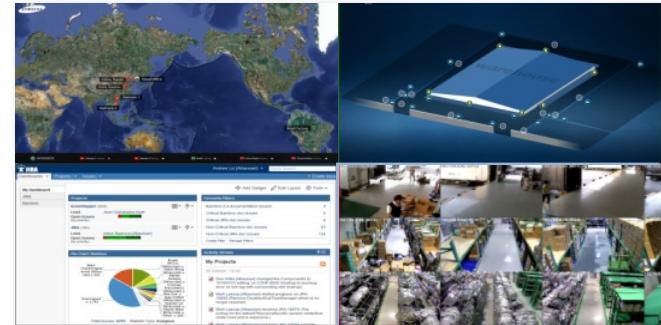
Solution Scope

- Integrate over 3,600 surveillance cameras from plants in China, Vietnam and Korea, consolidating the feeds on a single pane of glass in Samsung's headquarters.
- Live camera and sensor feeds integrated and displayed on a map of corresponding areas.
- Integrate with plant perimeter infrared sensors.
- Integrate with overseas production data.

Benefits

- Centralized global monitoring solution for mission critical facilities.
- An open platform for integrating IoT sensors and video streams on a map.
- Concurrent, real-time, delivery of 3,600 sensor data and video streams.
- Intuitive situation monitoring to support real-time decision making.

n3n
VISUALIZE 1st | 800.N3N.2095

SAMSUNG ELECTRONICS

SOLUTION OVERVIEW

MONITORING/DETECTION

VISUALIZATION

+

WITH N3N

Locate and Solve
Problems in Real-Time

Monitor All Your Systems
and Applications

Big Data Analytics
and Reporting

N3N Products and Solutions

WIZEYE

The solution provides an easy way to monitor all your IT operations, applications, infrastructure and business services from a single view. Gone are the day's of hunting for a needle in a haystack. With WIZEYE your team is able to easily locate, analyze and solve problems in minutes. Monitoring, detecting and predicting issues is simple as we bring all your systems together in a Single-Pane-of-Glass.

INNOWATCH

A complete solution for monitoring all your data sources, facilities, business operations and monitoring systems from a single station. Maps, video feeds, computer screens and data are integrated into one display for convenient monitoring, detection and issue notification. INNOWATCH offers a true command and control environment which includes functions like PTZ control, remote PC control, external device control and alarm response all from a Single-Pane-of-Glass.

CUSTOMERS RUN N3N

Brands across the globe run N3N for IT/business operation monitoring, APM monitoring, data center monitoring, security monitoring, facility monitoring and a whole lot more.

ABOUT N3N

ABOUT N3N

The company is headquartered in Seoul, South Korea with North American operations located in San Jose, CA. N3N has developed and markets a comprehensive range of data visualization solutions for the public and enterprise sectors.

N3N's VISUALIZATION

Solutions provide highly scalable image processing while integrating IoT, Big Data, videos and maps into a Single-Pane-of-Glass. Today N3N's solutions are run across a wide range of IoT sectors including: Manufacturing, Smart Cities, Buildings, Traffic, Security, High Tech, Retail, Healthcare, Utilities and more.

n3n

VISUALIZE 1st | 800.N3N.2095