# KDDI's Network Monitoring Service

# Manufacturing

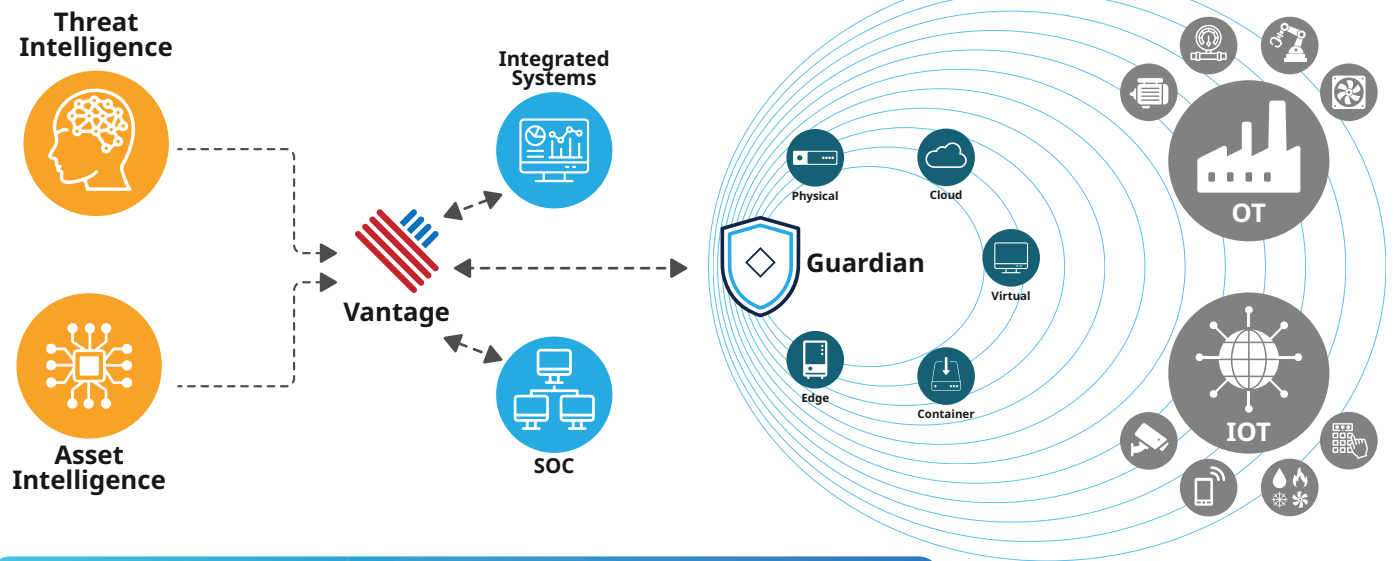## Improving Operational Resilience Through OT and IoT Visibility and Security

**FREE!**
- Survey
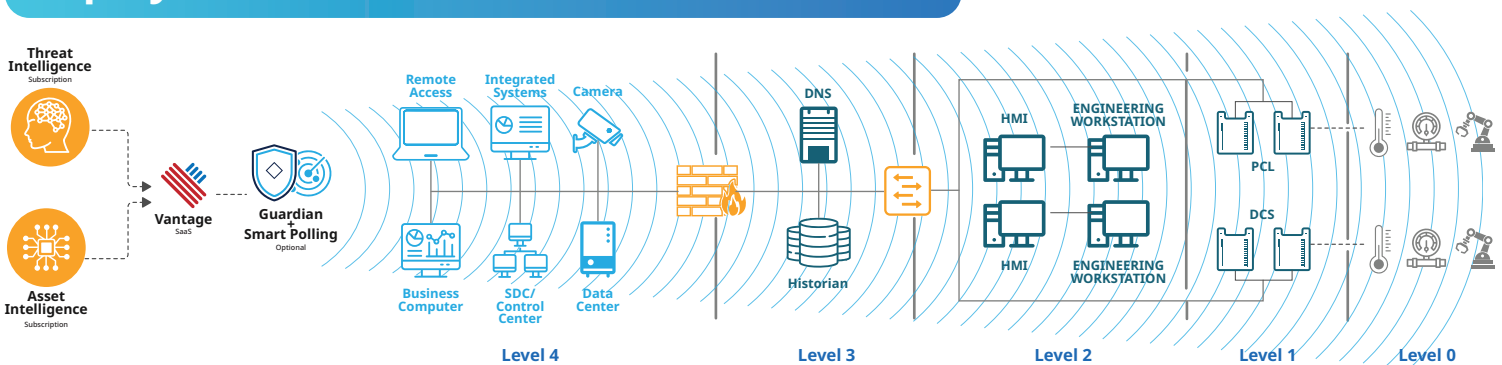- POC (Proof of Concept)
- 1st time consultation

Using Anomaly Detection to Identify At-Risk Devices and Processes Before They Fail, the Nozomi Networks solution protects against operational disruption by detecting when a specific device or automated operationis deviating from its baseline and moving towards a state that could disrupt services. It also identifies if vendor work has been completed or not, ensuring that maintenance is done on time. Operators leverage a simple, consolidated view of what's happening and receive alerts prompting them to act before a device or automated operation fails.
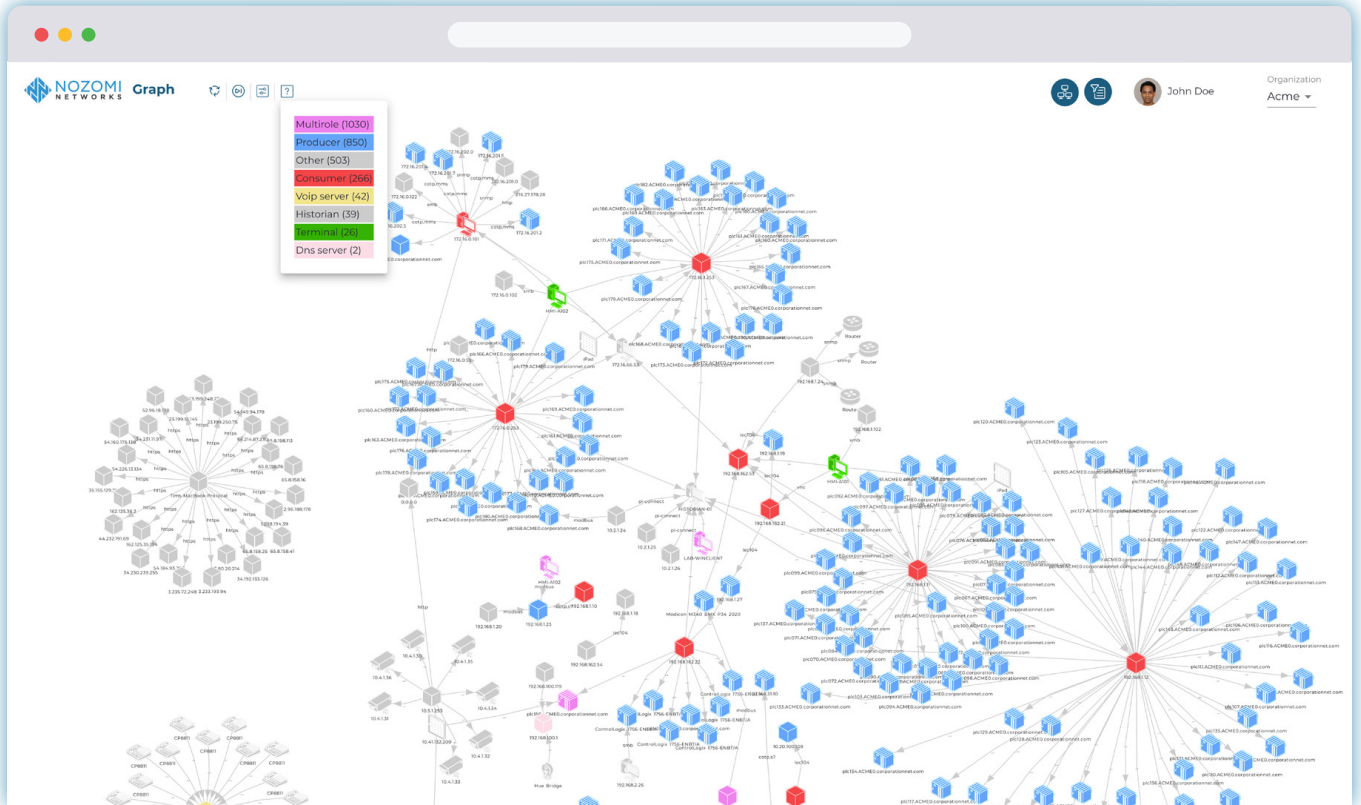
## Diagram : OT and IoT Security and Visibility



Threat Intelligence
Asset Intelligence
Vantage
Integrated Systems
SOC
Guardian
Physical
Cloud
Virtual
Edge
Container
OT
IOT

## Deployment Architecture : Purdue Model Example



Threat Intelligence
Subscription
Asset Intelligence
Subscription
Vantage
SaaS
Guardian + Smart Polling
Optional
Remote Access
Integrated Systems
Camera
Business Computer
SDC/ Control Center
Data Center
DNS
Historian
HMI
ENGINEERING WORKSTATION
HMI
ENGINEERING WORKSTATION
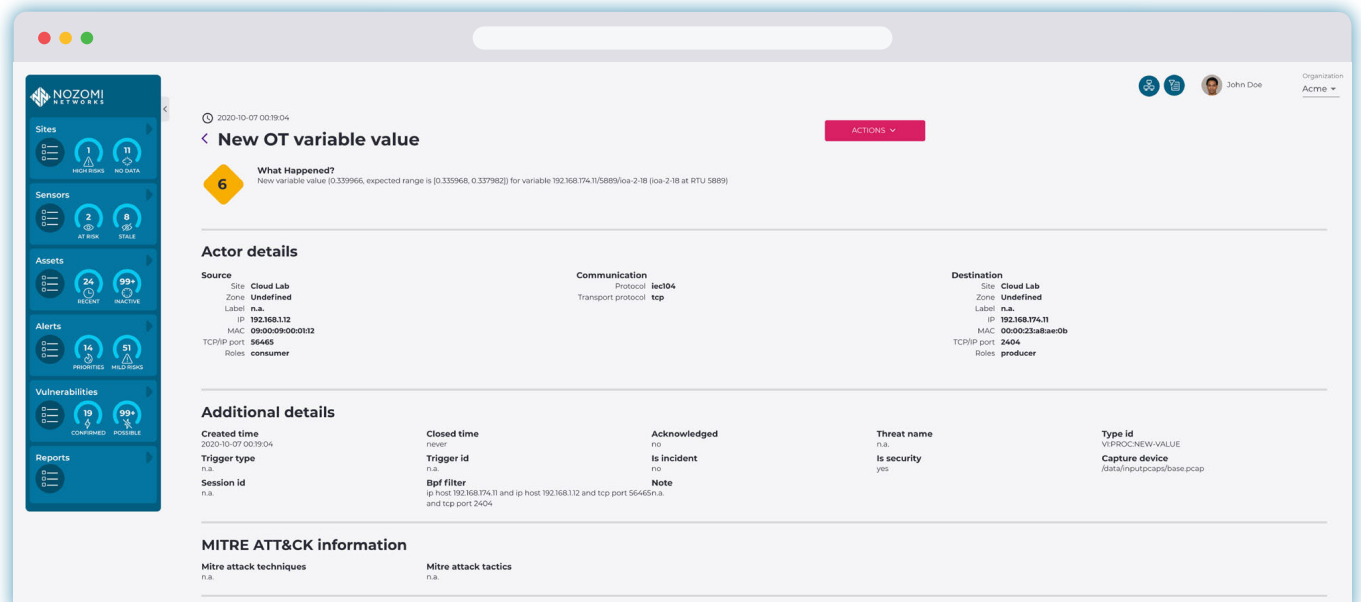PCL
DCS

Level 4
Level 3
Level 2
Level 1
Level 0

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# Use Case: Effectively Monitoring the ICS Network

## Benefit!
- Network-wide situational awareness
- Faster troubleshooting of system changes and issues
- Better oversight of vulnerabilities and risks
- Higher operational reliability

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