



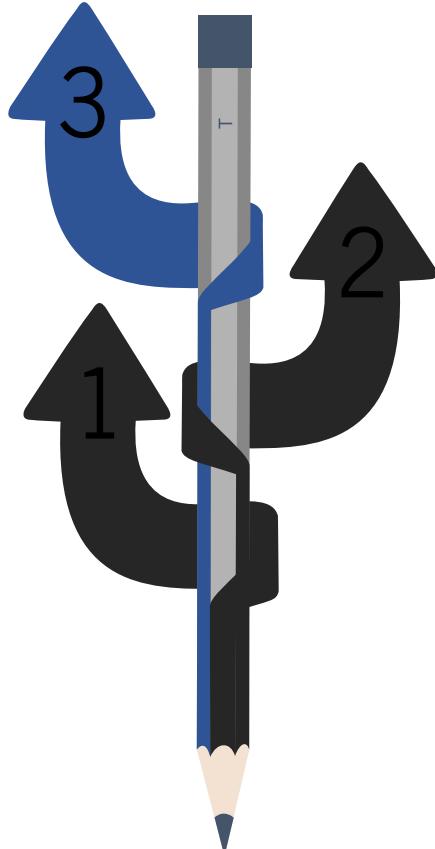
# Andon System

andon88.aplikanet.com  
0812-12345-121

The **Andon system** is a management tool used in manufacturing and production environments to improve efficiency, quality, and communication

The **Andon system** enables immediate identification and communication of production issues, fostering a proactive approach to problem-solving that enhances operational efficiency and supports continuous improvement initiatives within manufacturing environments

# Benefits of Andon system



## Improve Transparency

All production events are recorded in the database, along with the time and location of the event.

Everyone on the production floor, from workers to managers, can see immediately if there is a problem (e.g., machine breakdown, quality issues, or material shortages).

## Increase Productivity

By providing real-time alerts, the Andon system ensures that supervisors, maintenance teams, or engineers can respond quickly to resolve issues.

Faster problem resolution means less idle time for machines and workers, leading to higher overall equipment effectiveness (OEE).

## Save Cost and Time

The Andon system aligns with Lean manufacturing principles by preventing overproduction of defective or unnecessary items.

The Andon system helps identify equipment issues early, allowing for timely maintenance and repairs.

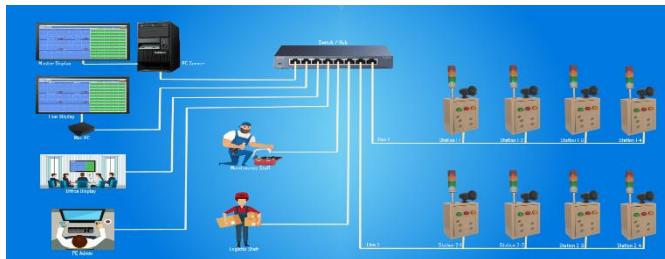
# Alert Mechanisms and Their Importance

Andon System		ANDON88.COM	
19:02:03	1	2	28
Thu 01 Mar 2018 - 2			
PLAN	131	130	20
TARGET	170	227	TAKE TIME 2
ACTUAL	45	23	15
NO GOOD	22	11	WORK TIME
BALANCE	-125	-204	00:56:00
			BREAK TIME
			01:02:03



## Critical Communication Tool

Alert mechanisms serve as essential communication tools that ensure immediate notification of production issues, allowing teams to address problems before they escalate into significant disruptions.



## Structured Response Framework

By implementing a structured response framework, organizations can categorize alerts by severity, enabling prioritized actions that enhance operational efficiency and minimize downtime during production.



## Data-Driven Improvement

The alerts generated provide valuable data for analysis, allowing organizations to identify trends and implement preventive measures, fostering a culture of continuous improvement and operational excellence (Including OEE Calculation).

# Monitoring and Analyzing Performance Metrics

## Data-Driven Decision Making

Leveraging performance metrics enables organizations to make informed decisions that enhance operational efficiency, identify improvement areas, and implement strategic initiatives that align with overall business objectives, fostering a culture of continuous improvement.



# Empowering Operators and Enhancing Accountability



## Immediate Problem-Solving Authority

The Andon system empowers operators to halt production and signal for assistance, fostering a sense of ownership and responsibility in addressing operational challenges effectively.

## Structured Accountability Framework

By integrating defined Standard Operating Procedures, the Andon system ensures operators are equipped to resolve issues, enhancing accountability and promoting adherence to operational protocols.



## Collaborative Improvement Culture

The Andon system encourages a collaborative environment where operators actively participate in problem-solving, driving continuous improvement initiatives and reinforcing their critical role in maintaining production quality.

# Integrating Andon with Other Systems

## Automated Workflow Triggers

Linking Andon with other systems automates workflows, allowing immediate responses to alerts and reducing manual intervention, which streamlines operations and minimizes delays.



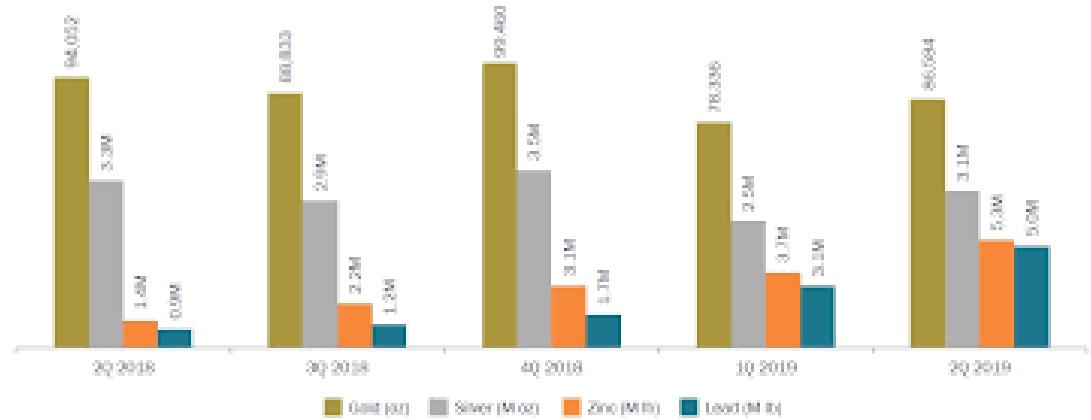
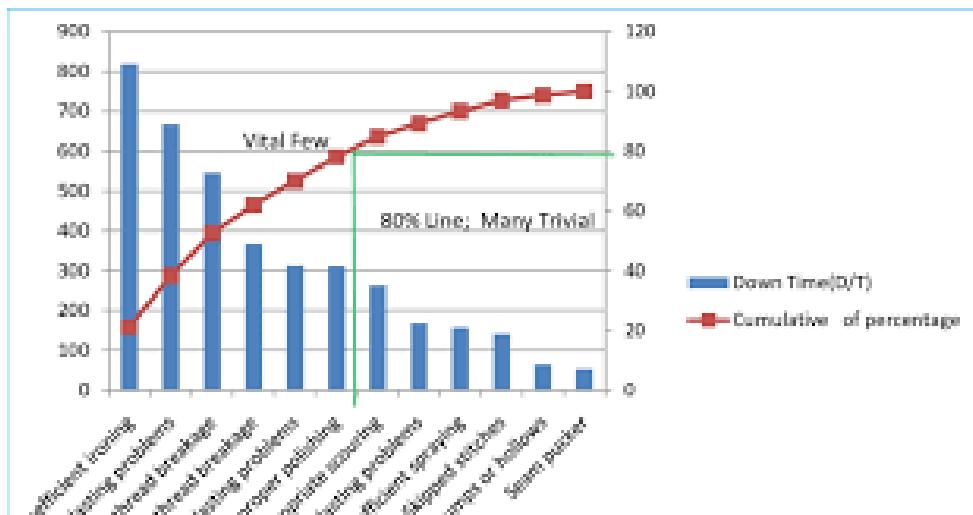
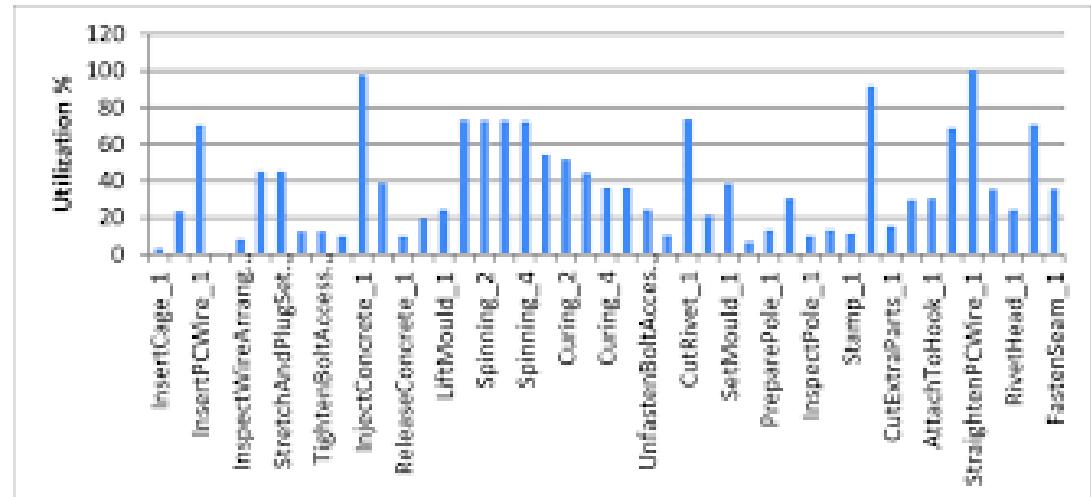
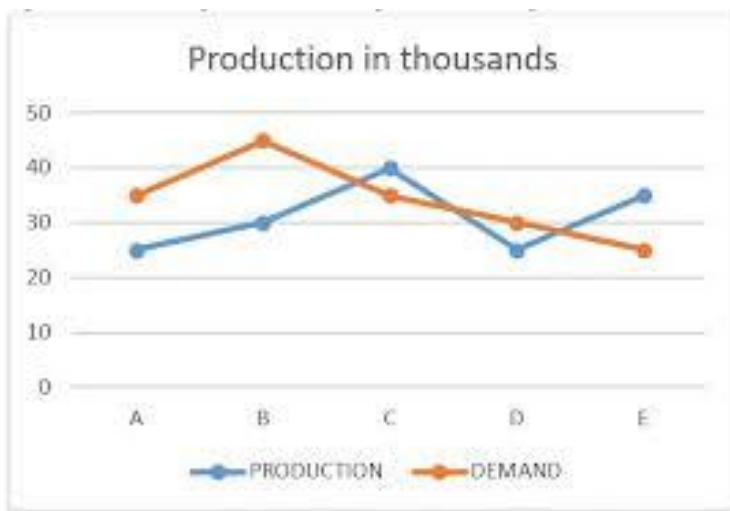
## Seamless Data Flow

Integration ensures uninterrupted data flow between Andon and other systems, enhancing operational visibility and enabling timely decision-making across manufacturing processes.

## Holistic Performance Insights

Integrated systems provide a comprehensive view of performance metrics, enabling organizations to analyze data trends effectively and implement proactive measures for continuous improvement in production efficiency.

# Web Based Reporting System

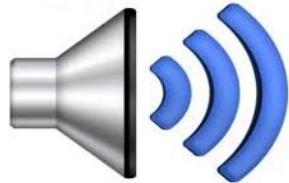


# System's Specification

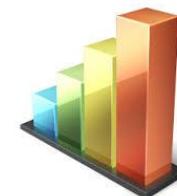
PC Based



Multiple Alert



Web Report



Remote Monitoring



# THANKS

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Cikarang - Bekasi

