Soft Designers

About us

Soft Designers offers end-to-end Turnkey solutions to manufacturing companies to improve their manufacturing productivity in real-time.

We had started our wonderful journey from 2014 in Bangalore. We had completed successful installations pan India. The team's expertise in electrical, electronics and software programming helps the customer's to make us No.1 choice for all the projects.

"We enable companies to improve productivity and efficiency"

Why Soft Designers

Manufacturers worldwide trust us to develop Great products that meet their needs in a rapidly changing, global manufacturing environment. We provide Innovative Hardware and software solutions to exceed the customer expectations.



Quality



Affordable Price



Customization

Our Mission

Our Mission is to form long-term partnerships with customers based on trust, support and bottom-line, measurable ROI

More Information:

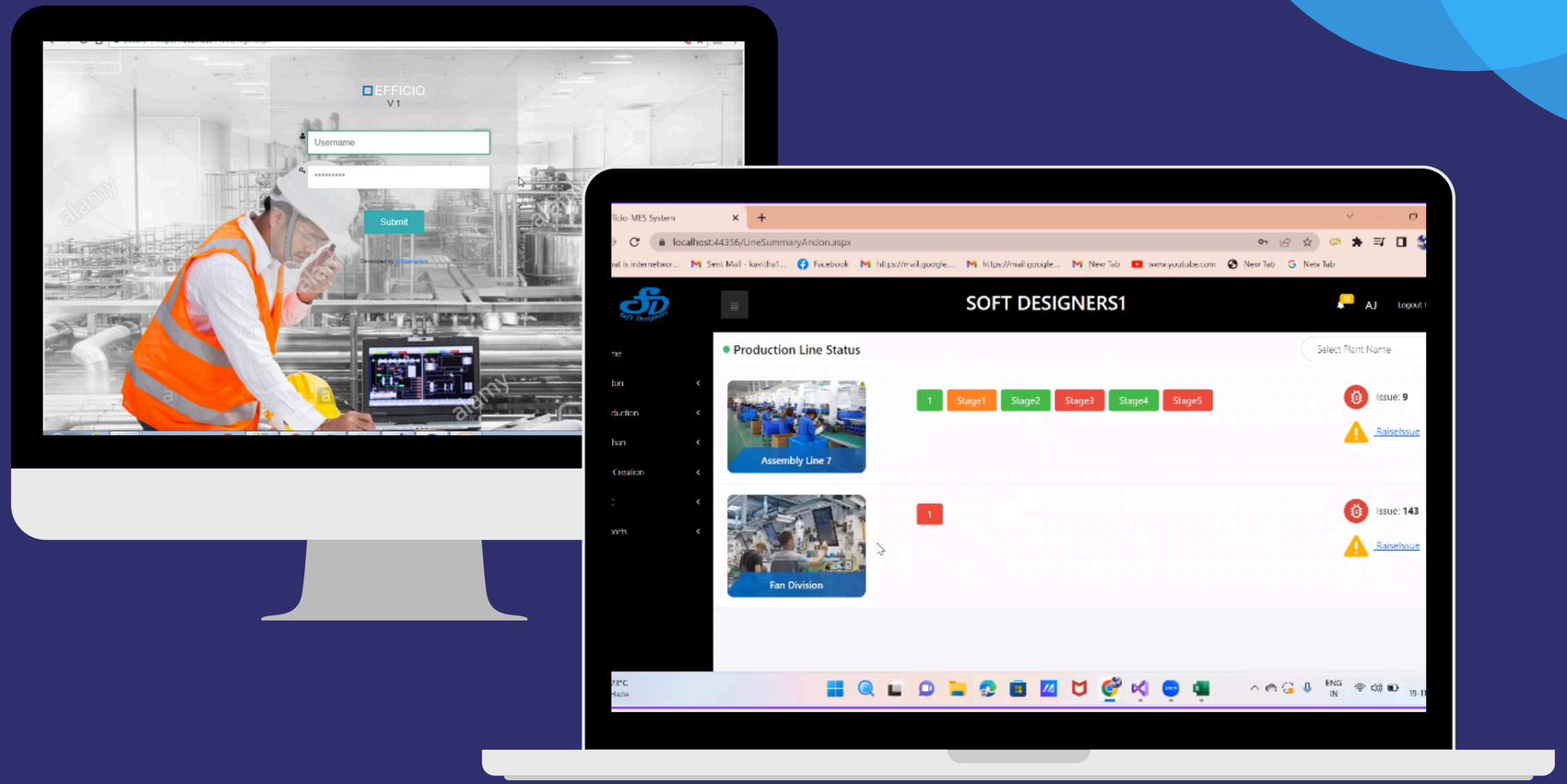
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Efficio Software

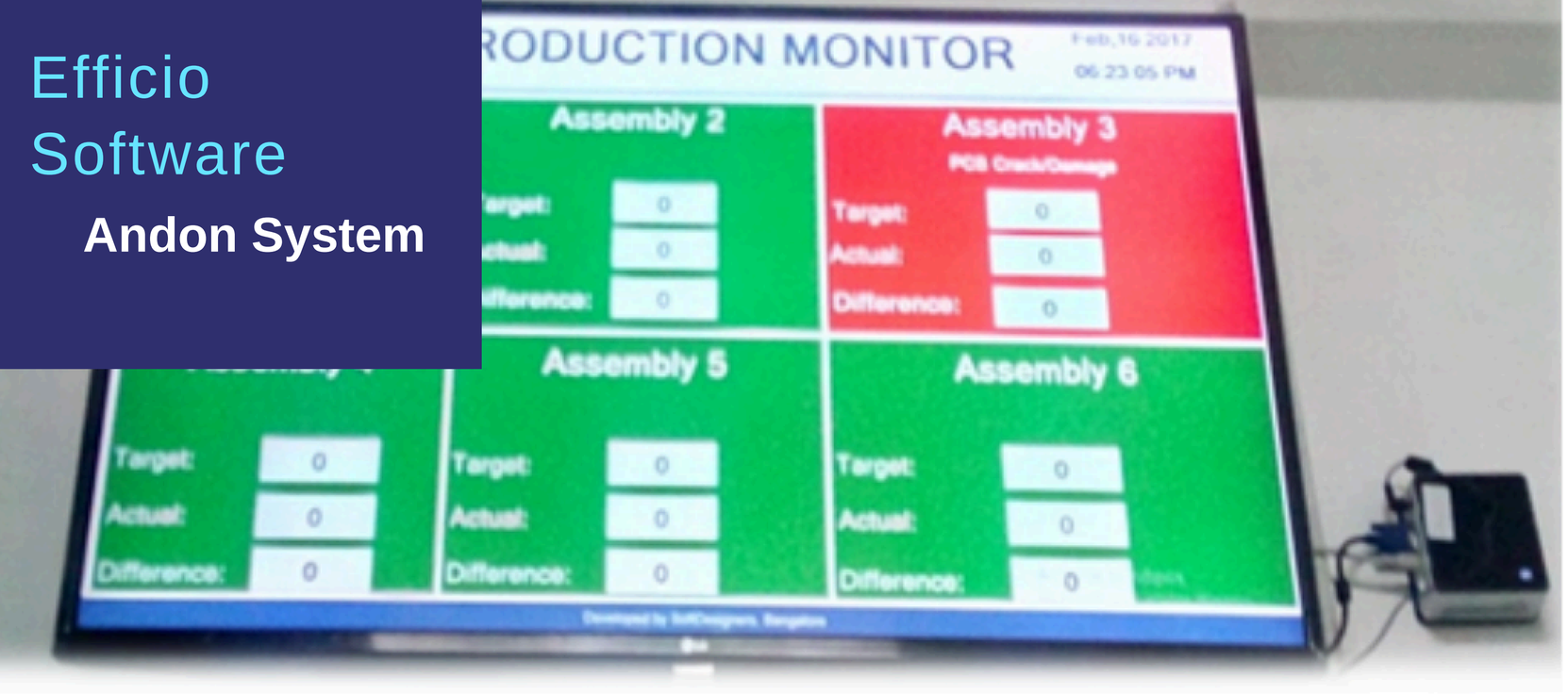
Andon System

Soft Designers Efficio Software helps to build communication between workers and the development team with a combined system of digital signage on the production floor, andon lights, and email alerts.



Efficio Software

Andon System



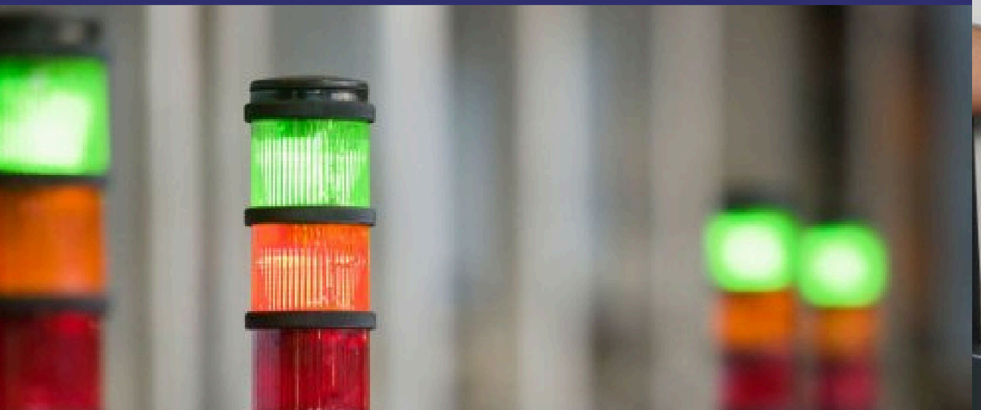
With real-time data collection from various systems and prioritization, our Efficio Software provides the ability to customize any display surface with text, graphics, animations, and sounds while creating a standard interface across all display types.

Customize Andon system with any Display Surface

- Display objects implemented currently within our Efficio Software are optimized for long-distance viewing.
- Supports audio control allowing for tones/tunes to be attached to events as they occur and then they may be used to draw attention to display content changes.

How Andon Works?

1.Whenever any issue is identified by the operator he raises issue in Andon
2.Automatically alerts will go to the supervisors and respective department Engineers about the issue in production line
3.Engineers comes and Acknowledges issue
4.Once Issue is resolved,the Engineers closes issue in Andon.The Engineers will also enter Root cause,actions performed for resolving issues.







Green Indicates
Production is normal

Yellow indicates
Problem appeared

Red indicates
Production stopped

Benefits:

- Stop defects as soon as they happen
- Prevent recurrence of issues
- Reduce downtime
- Empower your team to continuously improve
- Improve overall productivity and efficiency

Platform with IoT Features:

- Our Innovative Communication Platform makes use of strategic partnerships and integration with industrial automation systems.
- IIoT-enabled platform — enables a diverse set of inputs (applications and systems such as ERP, MES, and Life Safety) and outputs (devices and messaging destinations)
- Multi-Lingual Character Support – our software supports the output of Unicode characters to both textual devices and visual displays
- Centralized & Remote Management

IOT System

we provide cutting-edge IoT software solutions that enable businesses to harness the full potential of the Internet of Things. Our robust and scalable platform empowers you to collect, analyze, and act upon real-time data from your IoT devices, transforming your operations and driving innovation.



IOT FEATURES

IoT System: Empowering Connectivity and Intelligence

Device Management

Effortlessly manage your IoT devices, remotely update firmware, and track device health.

Data Analytics

Leverage advanced analytics to transform raw data into actionable insights and make data-driven decisions.

Alerts and Notifications

Stay informed with real-time alerts and notifications to prevent downtime and minimize disruptions.

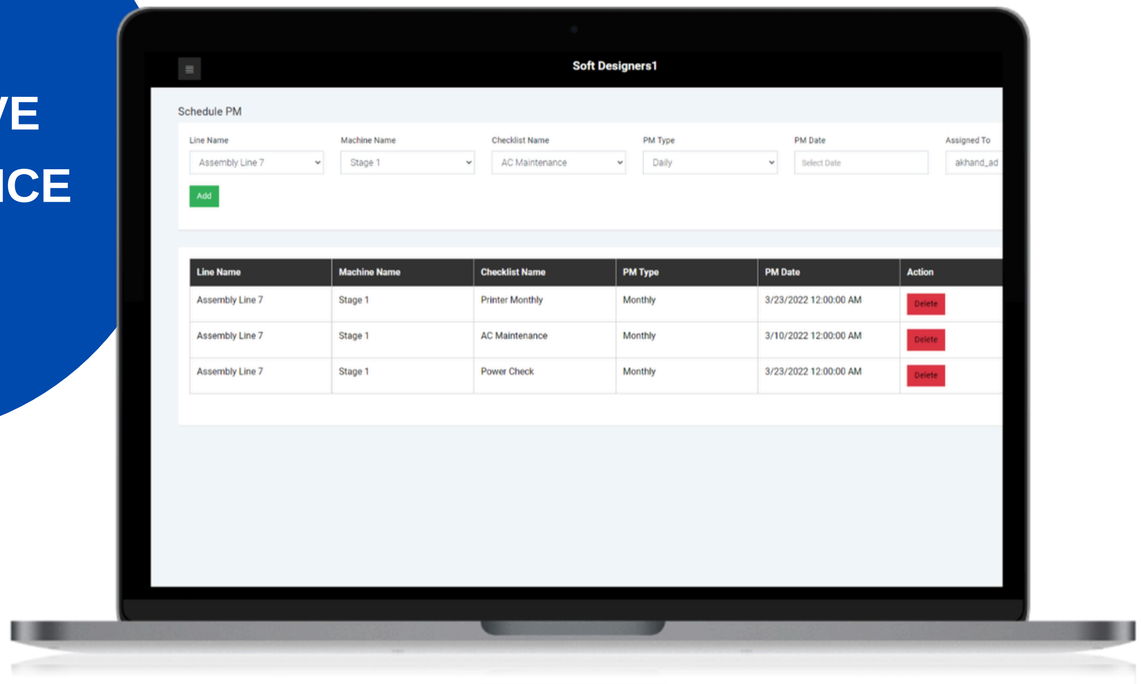
Integration:

Seamlessly integrate our IoT software with your existing systems, including ERP, CRM, and more.

User-Friendly Interface

Our intuitive dashboard makes it easy for users of all levels to interact with IoT data.

PREVENTIVE MAINTENANCE



Keep track of your assets with Soft Designers Preventive Maintenance Software. It is easy to create, schedule and assign Preventive Maintenance works, without having to deal with paperwork. Make Preventive Maintenance Management simple. Manual Maintenance preventive checklists and following up with your team is no longer necessary.

FEATURES

- Set up an automatic preventive maintenance on a daily, weekly, monthly, or yearly.
- Immediate Email notification.
- The Calendar lets you easily view all pending and upcoming preventive maintenance schedules.
- Drag and drop to change the due date.
- Mobile Friendly
- Get real-time work permit reports

BENEFITS

- Easily schedule PM
- Decrease Downtime & Increase Efficiency with calendar-based preventive maintenance
- Add Checklists to Preventive Maintenance Work Orders
- Keep track of Preventive Maintenance & make informed decisions

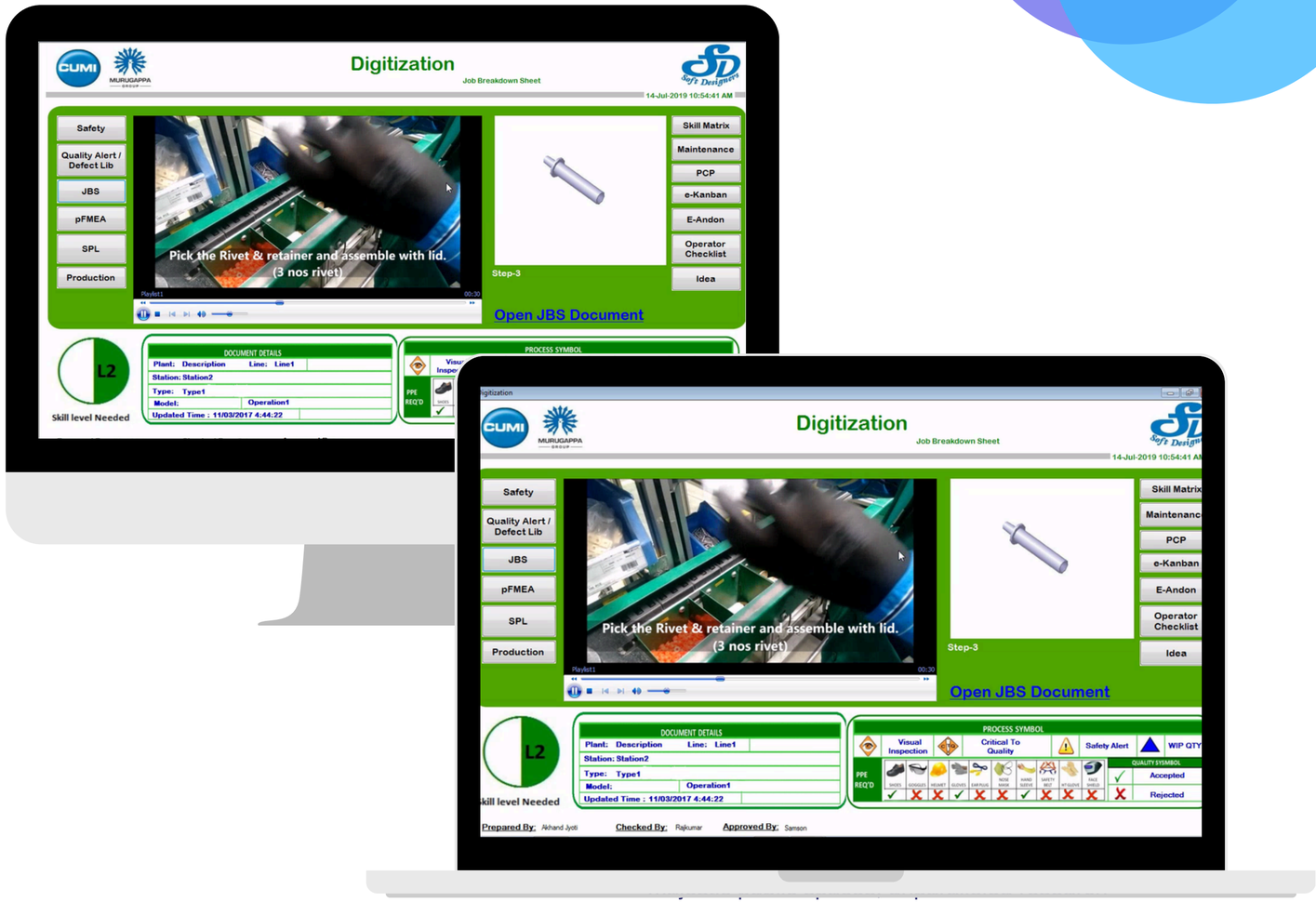
Preventive Maintenance Software

Mobile app is an easy and simpler way to maintain Preventive maintenance and it saves the time.



Traceability

- Online Tracing is deployed across the plant with unique number of generation
- Used for tracking the PCB, Bessel Assembly
- Order Management tool is used to manage the orders like creating order, viewing order
- Test certificate is generated according to the calibration & Verification data
- Every part can be tracked through online and offline software



collections, and vibrant programs and exhibitions.

TRACEABILITY



Soft Designers Traceability is used for tracking the PCB, Bessel assembly and order management tool is used to manage the orders like creating order and viewing orders. Every component can be tracked through online and offline software.

It helps to monitor the operation flow, quantities of raw material used, time spent by the operator at each work station to do the product activity, and also the overall productivity of the plant.

How it Works?

Traceability works by attaching unique barcode on every manufactured product at every stage to make sure they are traced through the manufacturing process.

During the process, online tracing is deployed across the plant with unique number generation. First, this needs to trace the flow of materials.

The operator details, Equipment details, Raw material usage can be easily identified using the system

Benefits:

- **Eliminated Errors- Ensure the user to use the correct material against BOM**
- **Reduce the waste**
- **Quality of product increases**
- **Capture the date each step, providing full process traceability for continuous improvement.**
- **Root Cause Analysis – If the system provided the end-to-end data then the in-depth analysis can be done for a particular process or product**



E-Kanban

- Online Material Alert can be given from the Production line
- Material delivery Time can be tracked
- Material shortage can be informed
- Red Flag Materials can be managed systematically
- Warehouse materials can be managed using software



E-KANBAN

It is a visual signal for material required and delivers.



The E-Kanban Method aids in the continual improvement of product and service delivery. It accomplishes this by assisting you in removing bottlenecks in your system, improving flow, and reducing cycle time. It enables you to provide more frequent and receive faster feedback in order to make any changes that your consumer may require.

Steps to Implement a Kanban System Rapidly

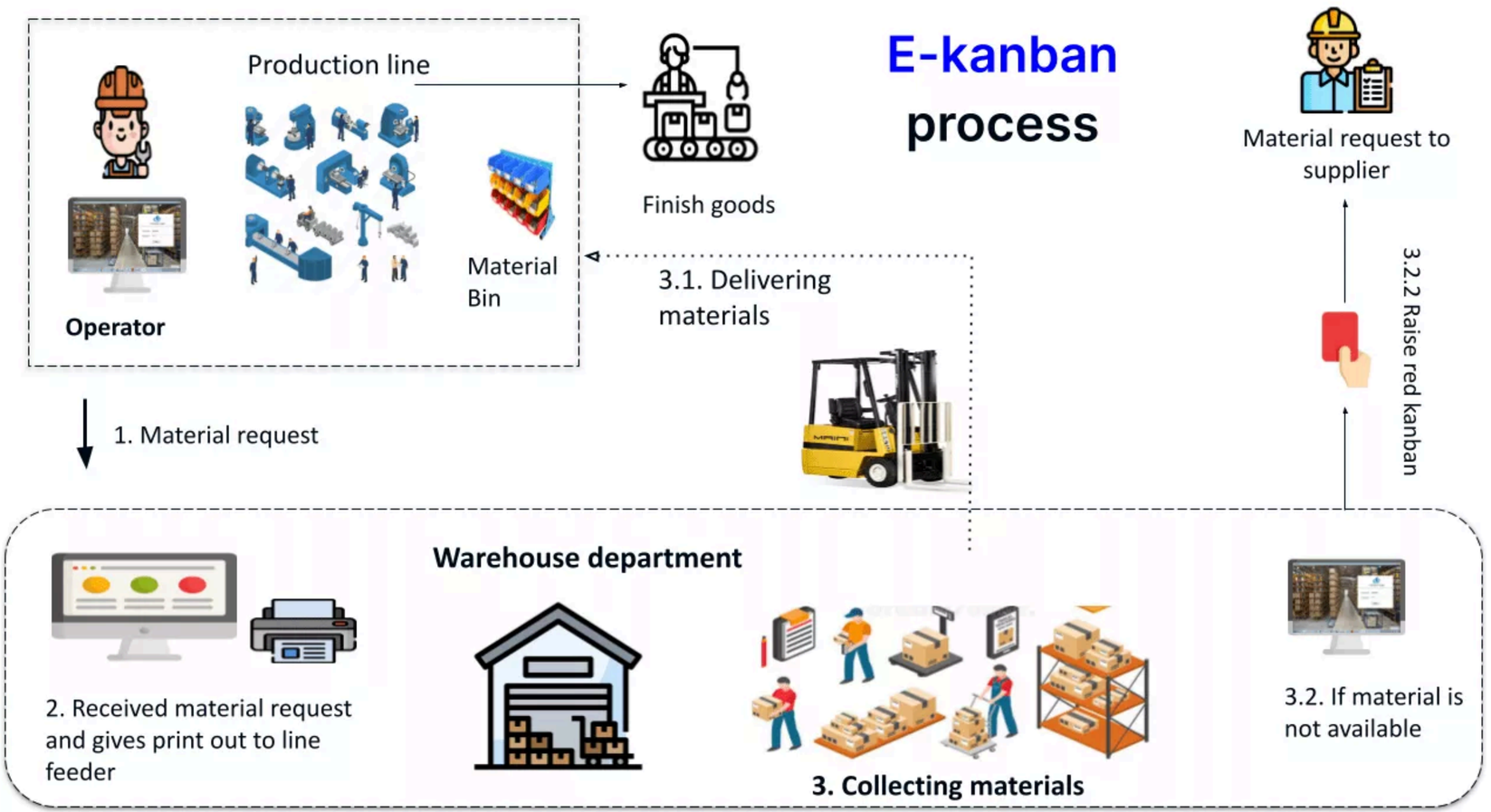
- Set up the digital foundation
- Map Information Flows
- Link Supplier Systems
- Optimize Dashboard Reporting

Features:

- Quick view of the Inventory- The system will give a good view of the inventory list
- Red Kanban can be raised in shortage of goods-Once it is raised then the shop floor team will be notified that stock is unavailable with some expected delivery time.
- Digital board will be displayed
- Smooth integration with ERP
- Fine-tune the Production or Process Optimization

Benefits:

- Work-in-process (WIP) profits the company.
- Raw materials can be standardized and scrap can be reduced.
- Kanban system reduces inventory, lead time, and capital losses
- Minimizes user effort and production costs.
- Reduces operational costs and increases market competitiveness
- The Kanban system reduces overproduction.





DIGITAL WORK INSTRUCTION

SoftDesigners Digital work instructions provide operators with a simple, unified view of information gathered from multiple production sources, so they can quickly make data-driven decisions. This facilitates the access of job instructions and information on specific areas and production lines with the swipe of a tablet or system.

Your company can take a big step toward Industry 4.0 by digitizing work instructions. It explains the best way to complete a specific process. They translate the processes into a human-centered manner of communicating to allow any employee on the shop floor to work in a more efficient way that will spur paperless work.

Features of Digital Work Instruction:

- Centralized repository of product videos, images, documents, and Training modules.
- Station wise task can be mapped in a single click
- Support standard batch report
- The report brings back everything that happened on the production run, for example, material lots consumed, quality checks, exceptions, process data, signatures.
- A secure and safe system protects your data.

Digital transformation is now responsible for changing the industry

User Friendly

The software is very simple which allows the operator and executives to use the system with ease

Turnkey Solution

Our solutions can be easily deployed on the shop floor from day one of the installation.

Security

All your Machine Data are securely deployed on your Network infrastructure, So your Data are Very Safe

How does it work?

- Each machine's operation video is included in the Digi-Server Module
- Each video is sequentially played according to the Component/Operation type
- A video will be played along with images that correspond to the video
- Videos or Images of all types are accepted.

Benefits:

- Operator Training
- Quality
- Digitization
- Better Communication

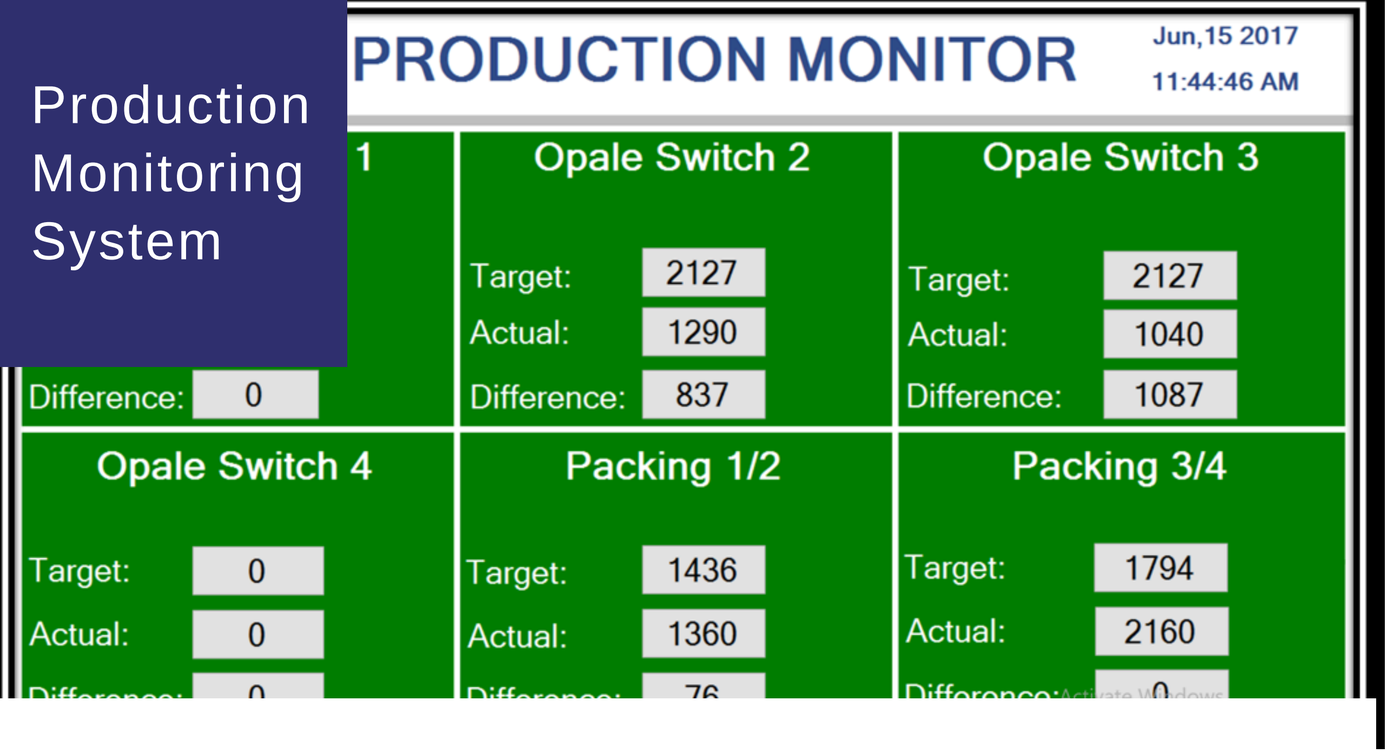
Efficio Software

- Can monitor the production count in real-time
- Can measure OEE, availability in production shop floor
- Machine is interfaced with the IOT system to identify the production count

Production breakdown reports such as MTTR / MTBF can be calculated



Production Monitoring System



Soft Designers Production Monitoring System is a great way to meet the targets of the production line. When interfaces with the machine this gives Real-time Production updates of the shop floor.

Why Production monitoring system

The vital challenges for the manufacturing industry are to progress volume, volume, rigidity, cost reduction. To face these challenges, factory equipment needs to be optimized, which can be done only by production monitoring or production performance management

How it Works

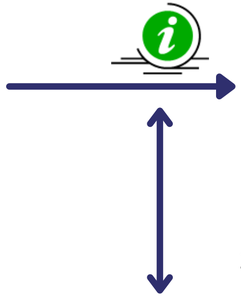


Product sensor



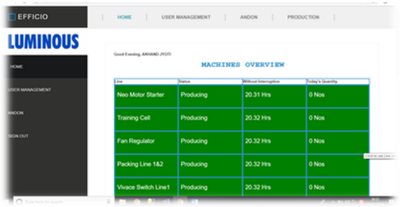


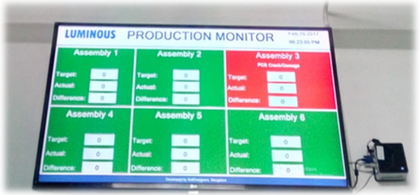
- Get Production Count
- Get Live Status of Machine





1) Live Production Board





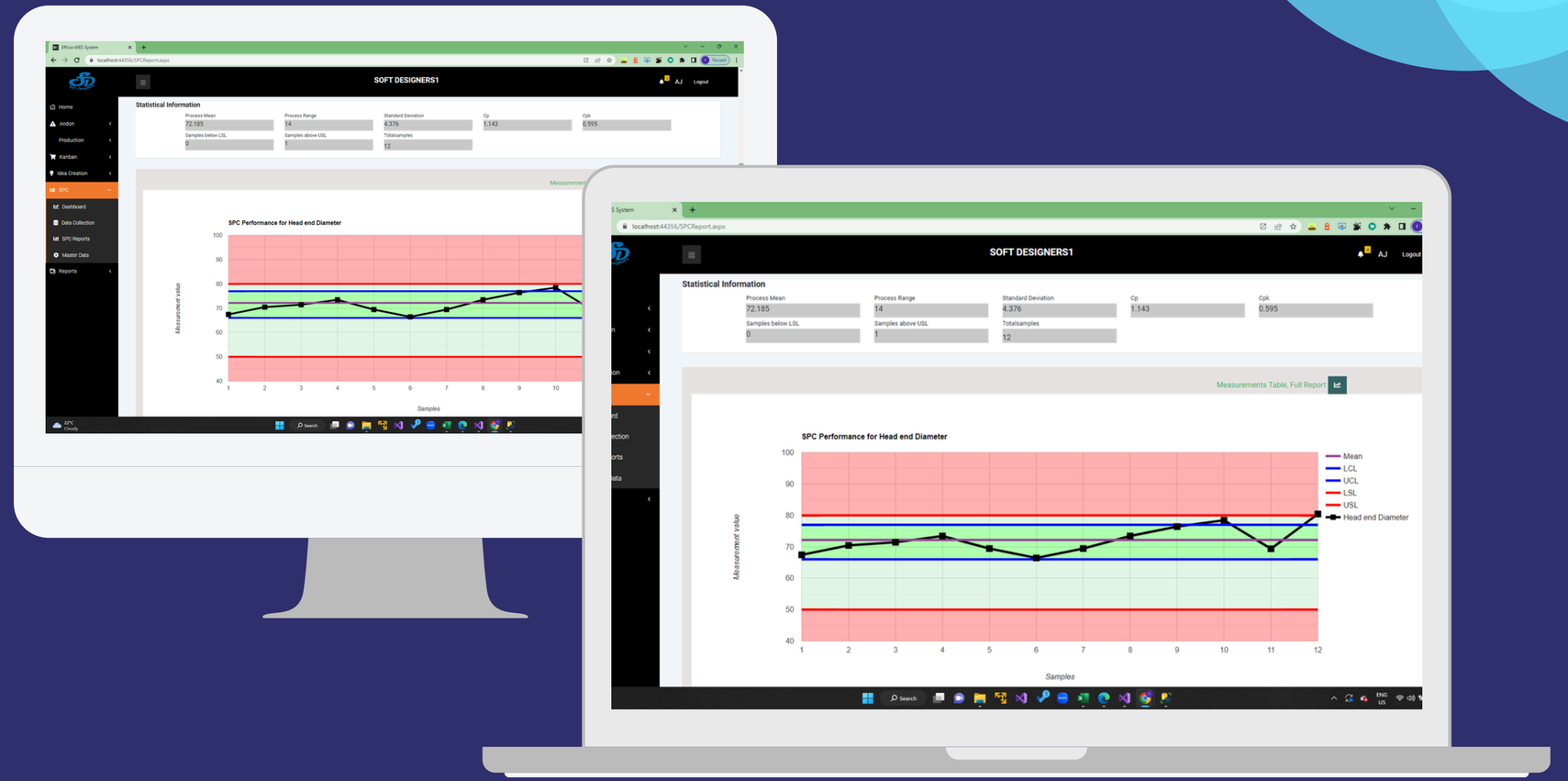
Benefits:

- Management receives the real-time production status Anywhere
- Helps to adhere with Industry 4.0 standards
- Historical Reports allow management to make quick and meaningful decisions
- Helps the company to achieve KPI
- Improves the productivity and transparency in the team

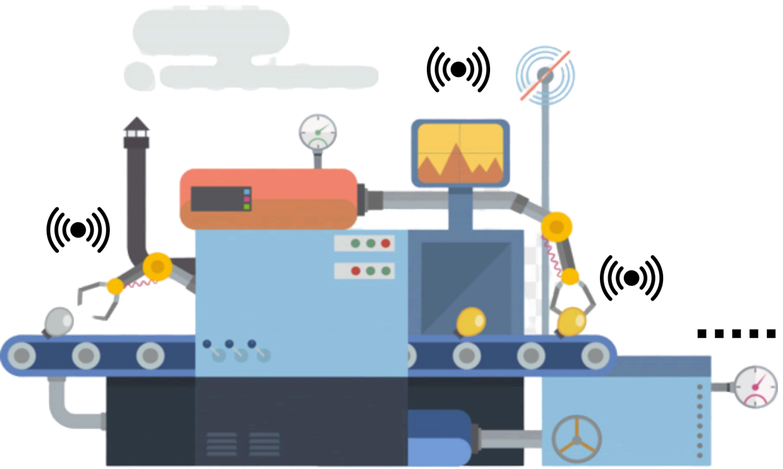
SPC Software

SPC pack provides an easy-to-use software solution with all the statistical process control tools needed to optimize quality.

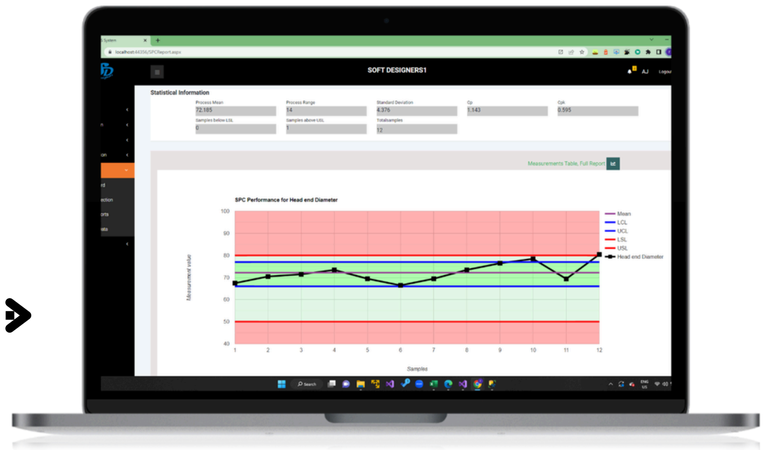
Improve quality of production, reduce variation, and optimize processes with SPC in real-time.



Live Machine integration and analysis







Production machine

Data processing

SPC Software

SPC Software



SPC and real-time visibility into quality performance have had a significant impact on key metrics such as OEE, with a 7 % average benefit

Features:

- Get Cp, Cpk reports
- Can be integrated with the machine directly for monitoring key Process Prarameters
- A real-life manufacturing challenge-solving capability
- Dashboards, notifications, and alerts can be configured
- Reminders to ensure timely data collection
- Easy Configuration and data collection
- Advance analytics for insightful investigation

Benefits:

- You can quickly, easily, and cost-effectively analyze massive amounts of data using SPC methods.
- Monitors potential issues automatically and alerts you when they become out of control.
- Visual charts help you prioritize processes that require your attention.
- Ensures complete traceability of historical SPC records.



Our Client







































Get in touch!

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