

# PT.DSEC SMART SYSTEM

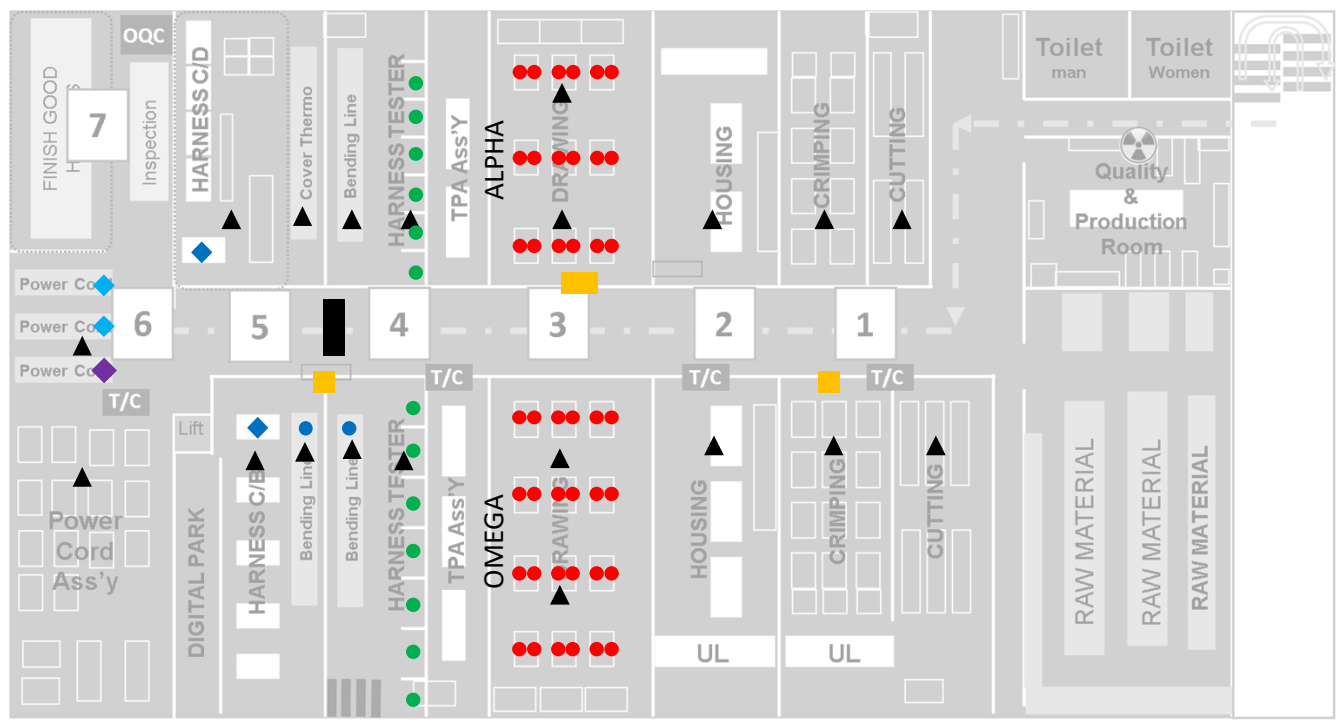
2021. 11. 10 Rev 5



# INTERNEX

ICT Development Solutions | [www.internex.co.id](http://www.internex.co.id)

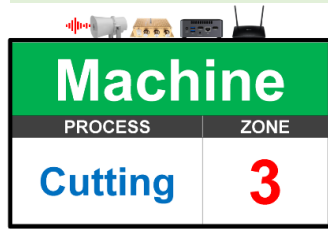
# DSEC SMART SYSTEM LAYOUT



▲ **BUTTON**



■ **ANDON DISPLAY**



**PRODUCTION STATUS**



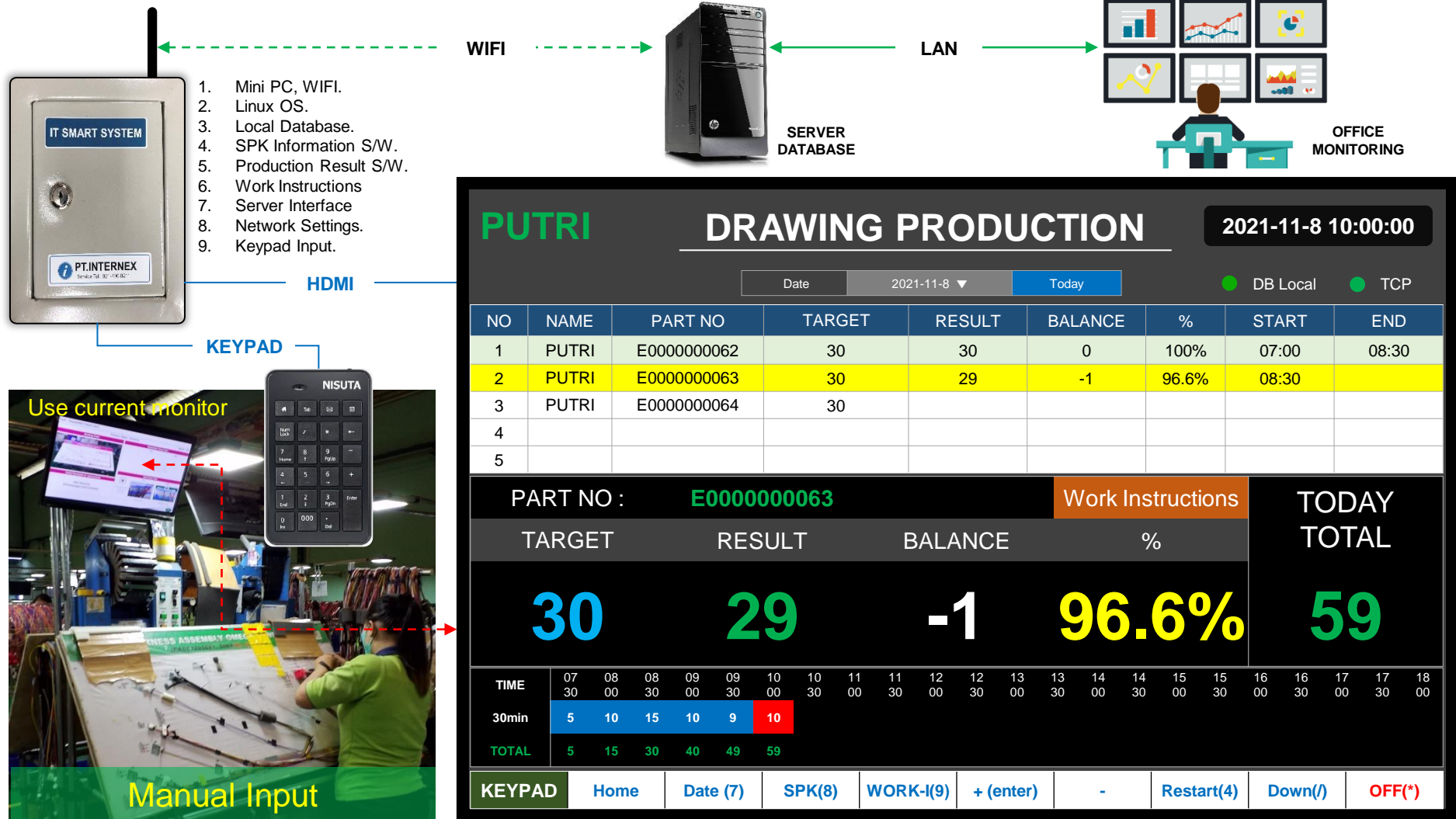
## FULL PROCESS SMART SYSTEM (No current program competitiveness + Mini PC problem)

◆ **POWER CORD**    ◆ **HARNESS**    ● **BENDING**    ● **INJECTION**    ● **DRAWING**



MARK	PROCESS	QTY
■	Production Status	3
■	Andon Display	1
▲	Andon Button	20
●	Drawing Display OMEGA	24
●	Drawing Display ALPHA	18
●	Injection Display OMEGA	7
●	Injection Display ALPHA	6
●	Bending Display	2
◆	Harness Display	2
◆	Power Cord Display	2
◆	Cover Assy Connector	1

# ■ DRAWING WORKER DISPLAY



PUTRI

## DRAWING PRODUCTION

2021-11-8 10:00:00

Date

2021-11-8 ▼

Today

DB Local

TCP

NO	NAME	PART NO	TARGET	RESULT	BALANCE	%	START	END
1	PUTRI	E0000000062	30	30	0	100%	07:00	08:30
2	PUTRI	E0000000063	30	29	-1	96.6%	08:30	
3	PUTRI	E0000000064	30					
4								
5								

PART NO : E0000000063

Work Instructions

TODAY  
TOTAL

TARGET

RESULT

BALANCE

%

30

29

-1

96.6%

59

TIME	07 30	08 00	08 30	09 00	09 30	10 00	10 30	11 00	11 30	12 00	12 30	13 00	13 30	14 00	14 30	15 00	15 30	16 00	16 30	17 00	17 30	18 00
30min	5	10	15	10	9	10																
TOTAL	5	15	30	40	49	59																

KEYPAD

Home

Date (7)

SPK(8)

WORK-I(9)

+ (enter)

-

Restart(4)

Down(I)

OFF(\*)

# INSPECTION WORKER DISPLAY



JULIATI

INSPECTION PRODUCTION

2021-11-8 10:00:00

Date

2021-11-8 ▼

Today

DB Local

TCP

NO	NAME	PART NO	TARGET	RESULT	BALANCE	%	START	END
1	JULIAT	E0000000062	30	30	0	100%	07:00	08:30
2	JULIAT	E0000000063	30	29	-1	96.6%	08:30	
3	JULIAT	E0000000064	30					
4								
5								

PART NO : E0000000063

Work Instructions

TODAY TOTAL

TARGET

RESULT

BALANCE

%

30

29

-1

96.6%

59

TIME

07 30

08 00

08 30

09 00

09 30

10 00

10 30

11 00

11 30

12 00

12 30

13 00

13 30

14 00

14 30

15 00

15 30

16 00

16 30

17 00

17 30

18 00

30min

5

10

15

10

9

10

TOTAL

5

15

30

40

49

59

KEYPAD

Home

Date (7)

SPK(8)

WORK-I(9)

+ (enter)

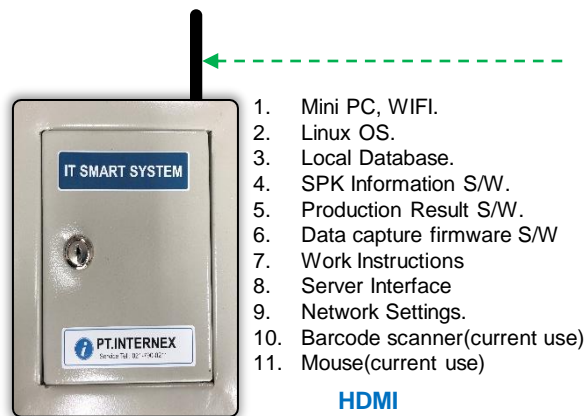
-

Restart(4)

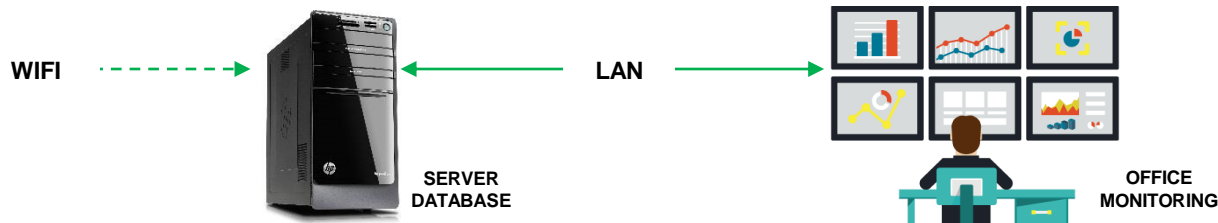
Down(/)

OFF(\*)

# ■ BENDING WORKER DISPLAY



BARCODE SCANNER MOUSE KEYPAD



**LINE 1**

## BENDING PRODUCTION

2021-11-8 10:00:00

Date2021-11-8Today

DB LocalTCP

NO	LINE	PART NO	TARGET	RESULT	BALANCE	%	START	END
1	1	E0000000062	30	30	0	100%	07:00	08:30
2	1	E0000000063	30	29	-1	96.6%	08:30	
3	1	E0000000064	30					
4								
5								

PART NO : E0000000063

Work Instructions

TODAY TOTAL

	TARGET	RESULT	BALANCE	%	
	30	29	-1	96.6%	59

TIME	07 30	08 00	08 30	09 00	09 30	10 00	10 30	11 00	11 30	12 00	12 30	13 00	13 30	14 00	14 30	15 00	15 30	16 00	16 30	17 00	17 30	18 00
30min	5	10	15	10	9	10																
TOTAL	5	15	30	40	49	59																

KEYPAD

Home

Date (7)

SPK(8)

WORK-I(9)

+ (enter)

-

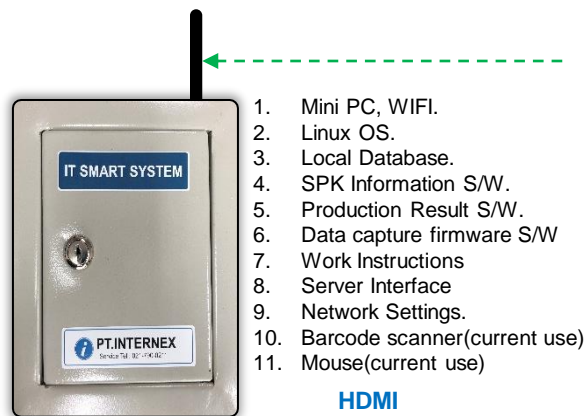
Restart(4)

Down(/)

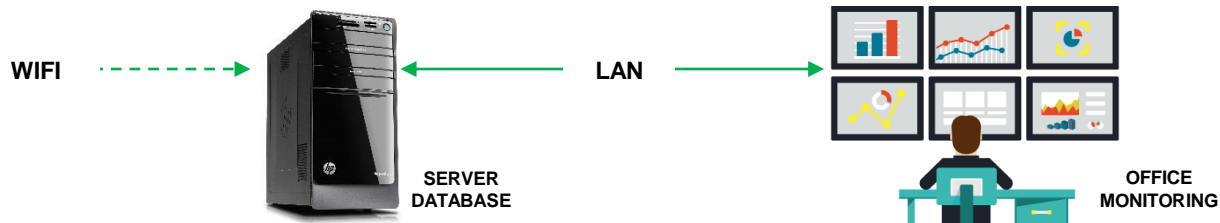
OFF(\*)



# ■ HARNESS ASSY WORKER DISPLAY



BARCODE SCANNER MOUSE KEYPAD



## LINE 1 HARNESS ASSY PRODUCTION 2021-11-8 10:00:00

Date

2021-11-8 ▼

Today

DB Local

TCP

NO	LINE	PART NO	TARGET	RESULT	BALANCE	%	START	END
1	1	E0000000062	30	30	0	100%	07:00	08:30
2	1	E0000000063	30	29	-1	96.6%	08:30	
3	1	E0000000064	30					
4								
5								

PART NO : E0000000063

Work Instructions

TODAY  
TOTAL

TARGET

RESULT

BALANCE

%

30

29

-1

96.6%

59

TIME	07 30	08 00	08 30	09 00	09 30	10 00	10 30	11 00	11 30	12 00	12 30	13 00	13 30	14 00	14 30	15 00	15 30	16 00	16 30	17 00	17 30	18 00
30min	5	10	15	10	9	10																
TOTAL	5	15	30	40	49	59																

KEYPAD

Home

Date (7)

SPK(8)

WORK-I(9)

+ (enter)

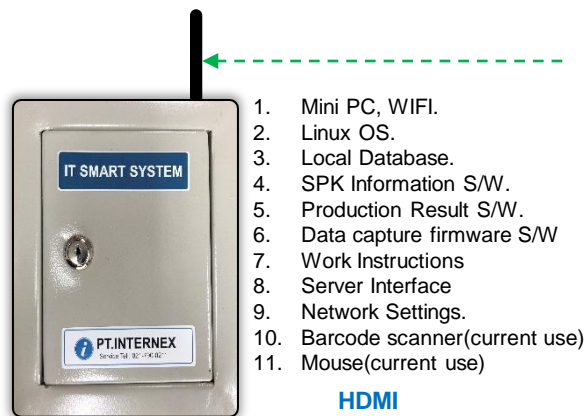
-

Restart(4)

Down(/)

OFF(\*)

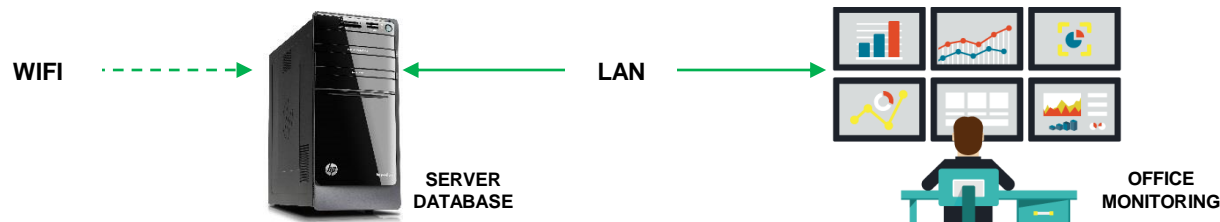
# POWER CORD WORKER DISPLAY



BARCODE SCANNER MOUSE KEYPAD



Barcode Scan Counter



LINE 1

POWER CORD PRODUCTION

2021-11-8 10:00:00

Date

2021-11-8

Today

DB Local

TCP

NO	LINE	PART NO	TARGET	RESULT	BALANCE	%	START	END
1	1	E0000000062	30	30	0	100%	07:00	08:30
2	1	E0000000063	30	29	-1	96.6%	08:30	
3	1	E0000000064	30					
4								
5								

PART NO : E0000000063

Work Instructions

TODAY  
TOTAL

TARGET

RESULT

BALANCE

%

30

29

-1

96.6%

59

TIME	07 30	08 00	08 30	09 00	09 30	10 00	10 30	11 00	11 30	12 00	12 30	13 00	13 30	14 00	14 30	15 00	15 30	16 00	16 30	17 00	17 30	18 00
30min	5	10	15	10	9	10																
TOTAL	5	15	30	40	49	59																

KEYPAD

Home

Date (7)

SPK(8)

WORK-I(9)

+ (enter)

-

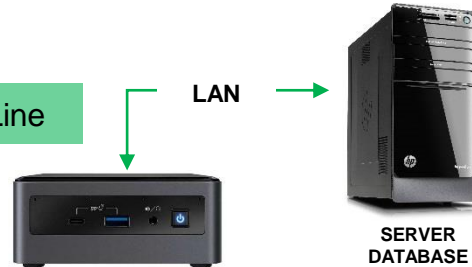
Restart(4)

Down(/)

OFF(\*)

# PRODUCTION STATUS DISPLAY

Production results : real-time monitoring Line



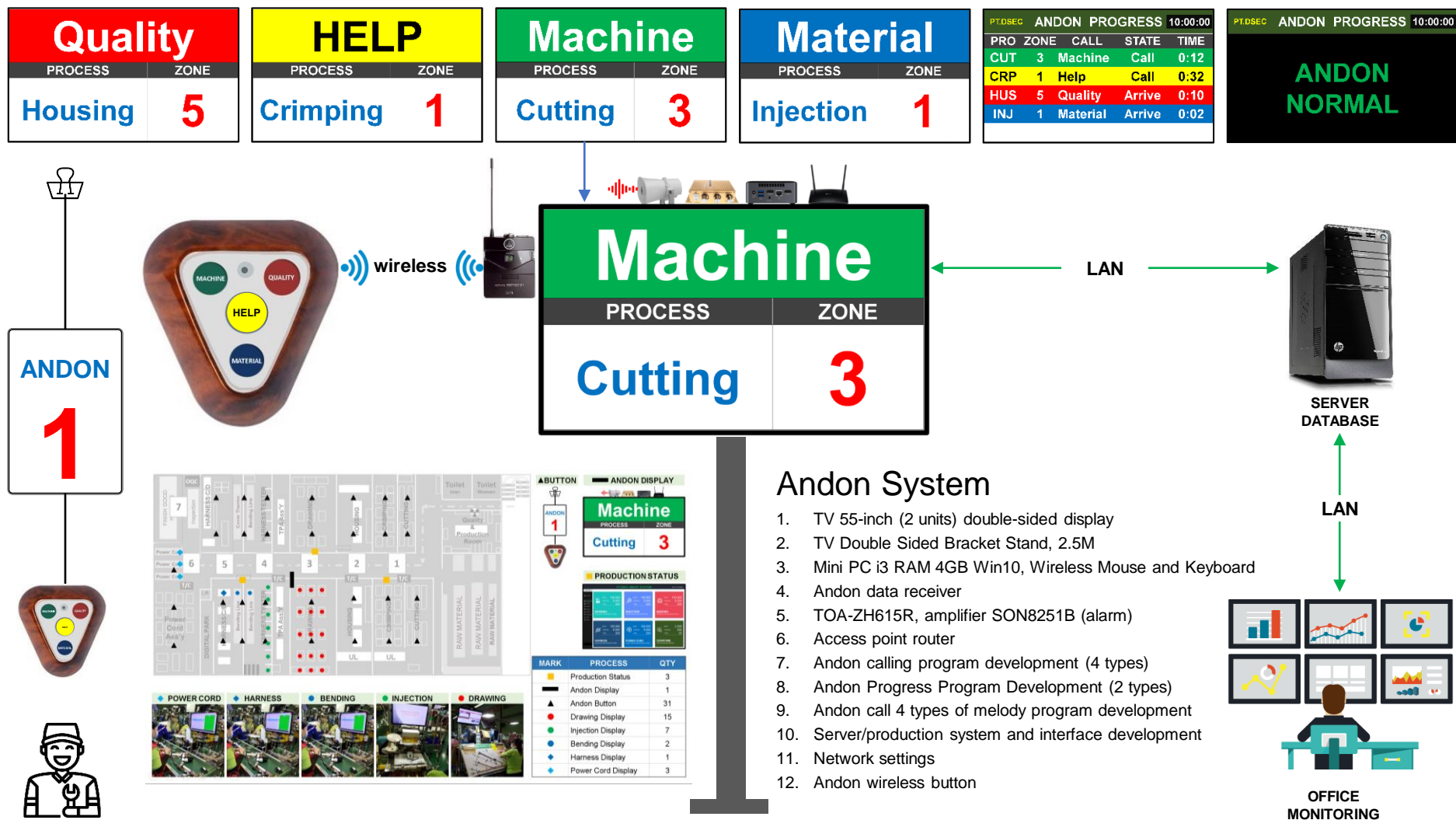
## Monitoring system

1. Mini PC RAM 4GB Win10 \* Current Mini PC use (scan)
2. Add Mouse and Keyboard.
3. Current monitor use
4. Web software monitoring (server connection)
5. Computer table
6. Network Settings.
7. LAN





## ■ ANDON SYSTEM TV55"



# PT.DSEC SMART SYSTEM

LOGIN



ID : II0001

Dashboard

Drawing

Injection

Bending

Harness

Power Cord

Andon

Setting



Month 150,000  
Yesterday 6,000  
Today 1,000  
Y / T % 16.6

## DRAWING

Drawing process production results.



Month 150,000  
Yesterday 6,000  
Today 1,000  
Y / T % 16.6

## INJECTION

Injection process production results.



Month 150,000  
Yesterday 6,000  
Today 1,000  
Y / T % 16.6

## BENDING

Bending process production results.



Month 150,000  
Yesterday 6,000  
Today 1,000  
Y / T % 16.6

## HARNESS

Harness process production results.



Month 150,000  
Yesterday 6,000  
Today 1,000  
Y / T % 16.6

## POWER CORD

Power Cord process production results.



Month 2.500  
Yesterday 200  
Today 20  
Y / T % 10.0

## DOWNTIME

Call for production problems

TOTAL

## DRAWING PRODUCTION RESULT

NAME \_\_\_\_\_

All ▼


Part NO


All ▼


2021-11-8 ▼ to 2021-11-8 ▼

Search

Down Excel

 ID : II0001 Dashboard Drawing

 **Injection**


**Bending** **Harness** Power Cord Andon Setting[illegible]



## NAME \_\_\_\_\_

All ▼

Part NO


All ▼

2021-11-8 ▼ to 2021-11-8 ▼


Search

Down Excel


 ID : II0001

 Dashboard Drawing

## Injection




## Bending



## Harness

 Power Cord

 Andon Setting[illegible]

## LINE

All ▼

Part NO



All ▼

2021-11-8 ▼ to 2021-11-8 ▼

Search

Down Excel

 ID : II0001

 Dashboard Drawing


 **Injection**



## Bending

 **Harness**

 Power Cord

 Andon Setting[illegible]

1 2 3 4 5 ... 56



POWER CORD PRODUCTION RESULT

LINE

All ▼

Part NO

All ▼

2021-11-8 ▼ to 2021-11-8 ▼

Search

Down Excel

ID : II0001

Dashboard

Drawing

Injection

Bending


Harness

Power Cord

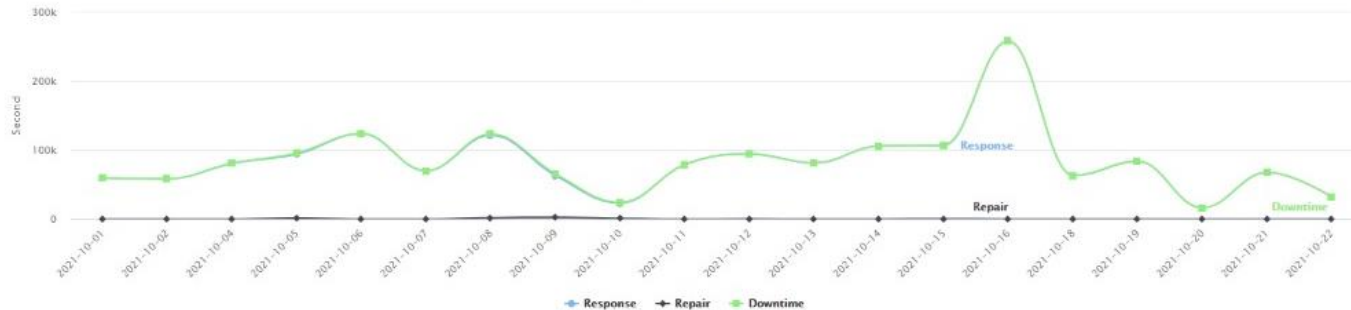
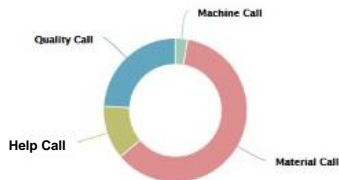
Andon

Setting

NO	DATE	START	END	LINE	PART NO	TARGET	TOTAL	%	07 30	08 00	08 30	09 00	09 30	10 00	10 30	11 00	11 30	12 00	12 30	13 00	13 30	14 00	14 30	15 00	15 30	16 00	16 30	17 00	17 30	18 00
1	21-11-8	07:00	08:30	1	E0000000062	30	30	100	5	10	15																			
2	21-11-8	08:30		1	E0000000063	30	29	96.6				10	9	10																
3				1	E0000000064	30																								
	21-11-8	07:00		1	SUB - TOTAL	90	59	65.5	5	10	15	10	9	10																
1	21-11-8	07:00	08:30	2	E0000000062	30	30	100	5	10	15																			
2	21-11-8	08:30		2	E0000000063	30	29	96.6				10	9	10																
3				2	E0000000064	30																								
	21-11-8	07:00		2	SUB - TOTAL	90	59	65.5	5	10	15	10	9	10																

 Setting

### Monthly Andon Summary

[illegible]



[illegible]



## UPLOAD SPK DATA



ID : II0001



Dashboard



Drawing



Injection



Bending



Harness



Power Cord



Andon




Setting

**ADD EXCEL DATA**

**PLEASE ADD SELECT EXCEL FILE**

PT.DSEC Excel data → Smart Server DB

+ Add

 Setting