

The productivity of your factory can always get better!

Contact JUKI to learn more about JaNets!

Website

https://www.juki.co.jp/industrial_e /products_e/others_e/software_e/ detail.php?cd=JaNetsJTSimple_E

Catalog PDF

https://www.juki.co.jp/industrial_e /admin/pdata/filedata/351/janetsj tsimple.pdf







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* Specifications and appearance are subject to change without prior notice for improvement. Read the instruction manual before putting the machine into service to ensure safety.
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The first step to increasing productivity is to know the status of your sewing factory now.



With **Janets** you can instantly find the parts of your factory you need to improve!



Increased o productivity!

Other advantages **JaNets provides**

- •Reduced waste
- Factory operators with enhanced awareness
- •Enhanced responsiveness to labor shortages

Increase the productivity of your factory further!

Configuration of JaNets JT Simple





JaNets JT Simple introduction process





Visualized and Connected, JUKI's IoT



Please use this free app for smartphones also





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Ongoing work on the factory floor is visible, IoT leads to a bright future





Accurate and real-time information on all of the sewing machines* in use becomes visible from remote places. * Including the sewing machines made by JUKI and other manufacturers



\odot Connection with the JaNets!

The use of the JaNets leads to various improvements that contribute to increased productivity of each operator.





Improvement of non-operation rate of sewing machines (waste)



The operator is also able to grasp the progress of his/her work in real time

Upgraded version!! New functions added to **JaNets**

New!

JaNets improves production quality! Complete with the new "QC Module" for quality control!

Achieve paperless quality control (QC) with help from a data analysis function for further quality improvement!







Efficiency is further improved!

Sewing Parameter data can be uploaded or downloaded using Style RFID card

Sewing settings can be shared between digital machines. Support high-mix, small-lot production!



Lineup of JUKI digital sewing machines

Sewing settings can be shared using the JaNets functions to support JUKI digital sewing machines. JaNets also connects to non-digital JUKI sewing machines and the sewing machines of other companies.





DDL-9000C

LK-1900BN

AMS-221F





LU-2800V



PLC-2760V

Productivity



The average processing time of the line is displayed by the solid line. Two dotted lines are also displayed to check if the production is running smoothly. The process time if falls within the range between the upper and lower limits is displayed in blue and that falls out of this range is displayed in orange. If many process falls in the range of blue .then line is stable with little variation. If there are many process displayed in orange, then line is not well-balanced and is likely to cause bottleneck and many wip in the line.



By reviewing proper process disturibution for each operator, we can create a smooth produtcion line.

Machine Layout status

What you can do with JaNets

You can check the production progress of each sewing machine and whether or not any of the sewing machines has problems.

The color of the equipment icon allows you to see at a glance whether the production is progressing or lagging behind.

13:26 2021-12-02 aNetsFactory > B1F > Line1 > Pants002 🛛 🖉 Show Off-Standard call 🛛 🕐 🛃 🖍 Elastic tape 90/300

For each equipment, you can grasp the process name and the target/actual number of pieces of products produced.

When trouble occurs, you can press the relevant button on the terminal to to see notification for that machine.

Style wise production report

What you can do with JaNets and estimated completion date of the production.



The start time of the production of the style is displayed.

Operator	performance report
What you can	You can check the history of the number of
do with JaNets	Tou can check the history of the humber of

The name of the operator is displayed.

The number of pieces produced in each unit time and the total number of pieces produced in a day are displayed, it also allows you to check number of pieces produced by each operator on basis of style & process.

Operator performance report 2021-11-22 The number of pie								f piece	es	11 Total number							
JaNetsFa	actory > B1F > I	Line1 🔿			pro	uuceu	i in ea	ach no	bur						of of	piec	es per da
Name	Factory	Floor	Line name	Style name	Process	07:30- 08:00	08:00- 09:00	09:00- 10:00	10:00- 11:00	11:00- 12:00	12:00- 13:00	13:00- 14:00	14:00- 15:00	15:00- 16:00	1 1 Actu	ual out	put/ Order
Operator01	JaNetsFactory	B1F	Line1	Pants002	Join center	0	56	68	131	101						qua	ntity
Operator02	JaNetsFactory	B1F	Line1	Pants002	Sew_side01	12	13	25	40	32					Ad	ctual	Overtime
Operator03	JaNetsFactory	B1F	Line1	Pants002	Sew_side01	0	29	32	61	39						685	0
Operator04	JaNetsFactory	B1F	Line1	Pants002	Sew_inseam	18	36	71	73	54						000	
Operator05	JaNetsFactory	B1F	Line1	Pants002	Hem_bottom & Turn_body	16	36	59	70	56					10	024	50
Operator06	JaNetsFactory	B1F	Line1	Pants002	Insert waist elastic	0	34	43	69	50					1	545	72
Operator07	JaNetsFactory	B1F	Line1	Pants002	Bartack	0	23	41	65	52							
					$\overline{}$										14	406	64
< 1 >	To 1 Page	Go Cour	nt 7 Show rows 1(000 ~											10	680	0
perator-ansts ~	Line1_Operation+1	a - 8	unet_Current+linesis	Enel,Line+#	a shuatao	Line1,Machine+	iay_als ~	Unel_C	urrorit+lineals	~ B	Line1_Operato	c-an_als _^		1	10	620	

The style name and

example for introduction of JaNets	Sewing item: Shirts / Size of the factory: 2,000 workers / Country: In	id
Immediately after t	he introduction of JaNets (visualization)	
With JaNets, we wer output and also can supplied to assembly	e able to grasp the status of parts confirm the quantity of parts y.	
Depend Stapp 2021-12-14 - 2021-12-14 deta fractory 107 - Lun - 2 March 20 Trans Trans Depend Stapp Depend S	Excessively advanced Synth Excessively delayed Synth	

You can check the production Quantity for each style and schedule-related information such as the start date

biece lead time	08:00- 09:00	09:00- 10:00	10:00- 11:00	11:00- 12:00	12:00- 13:00	Actual output/ Order quantity	Estimated finis date and time
1:58	67	36	62	6		41766/50000	2021/12/18 14:28
0:00						100000/100000	
						0/10000	
0:45	63		34			50000/50000	2021/12/07 11:05
1:38			16	6		22/70000	2022/07/27 11:32
0:38						100000/100000	
0:00	133	45	162	14		246085/250000	2021/12/08 14:31
1:33	118	64	144	13		199359/200000	2021/12/07 15:26

The number of pieces produced is displayed on an hour-by-hour basis.

The estimated production completion date and time are automatically calculated and can be used to examine production plans.

of pieces produced by each operator on basis of style & process.

per of parts produced!

30% increase in productivity

After improvement

With JaNets, we leveraged parts sections that shows delay or excessive advance in production & to help them to produce equal quantity of parts. As a result, we can confirm that supply of parts to the assembly will be smoother, contributing to increased productivity.



Operation rate

Machine Operation rate

What you can You can check the ratio of equipment operation and trouble occurrence by line/equipment/unit time.

The bars indicates the operation rate is color-coded which allows us to check the percentage of sewing machines in operation or non operation, and percentage of each off standard occurrence.



You can check duration of each off standard occurence. This information can be used for improvement activities. You can achieve increased productivity by reducing the occurrence of off Standard.

Information collection

Excel report mail Setting

By entering Specific time and e-mail address, you can get an Excel report of any specified functions.

File to be sent

Setting screen



E-mail to be sent



The Excel report of the selected function will be sent based on your set time.

Bundadnak Bundadnak B

Production output (Floor)

Since you can get the report at set time, we don't need to send report frequently and thus reduces extra man hours required for creating the report.

Operator training

Motion Analysis

What you can do with JaNets dispose ,handling the fabrics, needle operating time) and number of times needle stops.



You can check the number of times needle stops and also check sewing speed, then, can confirm the status of operator's skill.

Improvement

To speed up the improvement cycle! Example of introduction of JaNets Sewing item: Pants / Size of the factory: 2,000 workers / Country: Viet Nam Previously Approximately three days are required to carry out improvement First Survery First day day complete Second day Data analysis Third day Kaizen complete **Evaluation**





You can check operator's skill in detailed for each process time(time required for pick up, place,

Operate	or03 🕐 🚵	
	59.14 s	
17.28%	10.22 s	
24.92 %	14.74 s	
57.80%	34.18 s	
2 times		
3595 sti / min		
4650 sti / min		

You can check how long it takes for pick up, place and dispose fabric.

You can check the stitching time of fabric.

You can check time like change in direction of the fabric and setting.

Improvement speed tripled (3days ⇒1day) After the introduction of the JaNets Improvement can be completed approximately within one day! Survery Data analysis ¥ Kaizen Evaluation After improvement Since the line status can be checked and points to be improved can be found on the report screen of the JaNets, it is possible to start improvement activities from the first day the JaNets is installed. As a result, the period of time required to confirm the effect of the improvement is reduced. The effect of introduction of the JaNets can be -- Before the introduction of the JaNets -- After the introduction of the JaNets confirmed from the first day of introduction. After the introduction of the JaNets, the production quantity of a certain production item on the first day of starting the production of that item reaches has been achieved on the third day of the production. ----As a result, in the productivity comparison after 3 days, First day of the Second day of the Third day of the implementation implementation of improvement of improvement of improvement 25% increase in productivity Comparison of start of a line

Information on the sewing machines of other manufacturers can also be acquired! The JaNets enables collective management of all of the sewing machines in the factory.

By attaching the sensor, data can be acquired from sewing machines made by other companies and old JUKI sewing machines before 2010.



Information on troubles can be shared quickly Operators are able to send information to administrators

The operator is allowed to provide information on troubles to administrators by e-mail using the terminal. Destination address of the e-mail can be selected from several ones such as a maintenance supervisor.



Option

Data linkage The JaNets can be connected to the customer's basic system It is possible to use the data earned by JaNets in customer's own system (ERP).



Security is provided after the introduction of the JaNets! JUKI's unique after-sale service to provide continued support for improvement

JUKI support the JaNets system and train your factory personnel in charge





JUKI helps the customer with its unique after-sale service to support improvement!

Site remediation support by a PE staff

Our PE staff firstly checks the production line in the customer's factory to find where the waste is. Then, the staff supports improvement activities of the customer.



After improvement The flow of goods (materials, etc.) is simplified



After improvement The distance between the operator and reserved goods is shortened.

Provision of the latest software that responds to the customer's needs The JaNets is an evolving machine operation management system. Newly developed functions are periodically added to give new added value to the JaNets installed in the customer's factory. Addition of functions (Version upgrade)

