JUKI

CONNECTED SMART SOLUTION

Introducing JUKI-ShuHaRi's useful new functions

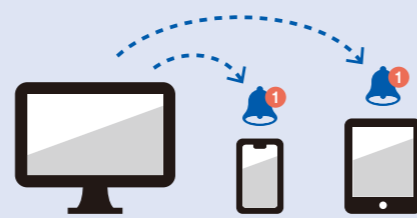### 1 Information distribution function

Information can be distributed and shared using the smartphone push notification.

This function can also be used as a new internal-communication channel!

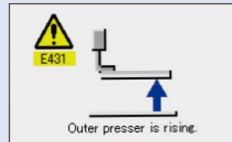- Notification when an inspection is recommended for a particular machine
- Sharing of internal-communications, work standards, and work requests
- Sharing of helpful information from JUKI

2 Error code search function

Using this function, error codes can be searched to find descriptions of machine errors and the procedures to solve them.

E431
Outer presser is rising.

3 Sewing machine adjustment and the assembly of optional parts

This function supports users by simplifying sewing machine adjustments and complicated procedures for assembling optional parts.

Adjustment — 2/2 — Changing Motor ⓑ
Attach a new motor.
* Pay attention to the direction of the coupling.
Tighten the screws securely after attachment.

Sewing machine inspection support system

守 破 離

JUKI-ShuHaRi

Let's get started for free!

Inspect with a smartphone, Manage with a PC

Smartphone app

Cloud app

How to start using JUKI-ShuHaRi

| JUKI-ShuHaRi application form | https://www.juki.co.jp/industrial_e/service_e/shuhari/form.php |

1. Enter the necessary information in the JUKI-ShuHaRi application form on the JUKI website.
2. A registration notification will arrive in your e-mail inbox when your registration is completed.
3. Read through the e-mailed instructions on how to access the cloud app and download the smartphone app.
4. Access the cloud app from your PC and add the expected JUKI-ShuHaRi users in your factory.
   The added users will also receive registration notifications by e-mail.
5. Download the smartphone app from the link in the registration notification and start using it.

Specifications

Item	Smartphone app	Cloud app
Supported devices	Smartphones, tablets Android 7.0 or later *1 *2	PCs or other devices with Internet browser capability 1920×1080 image resolution recommended
Introduction method	Install the JUKI-ShuHaRi app	No app needs to be installed on a PC. The cloud app can be accessed with an Internet browser. (Recommended browser: Google Chrome.)
Usage environment	Internet access required	
Available languages	Confirm the available languages on the JUKI-ShuHaRi website.	
Cost	Free of charge *3 *4	

*1 iOS will be supported from the next version and later.
*2 For Android, the latest 3 versions are recommended.
*3 Some functions are available for a charge.
*4 The app can be used at no cost (Internet usage fees are to be borne by the customer).

MS CM001
EMS ISO14001 JSAE389

Registered Organization: JUKI CORPORATION Head Office
The Scope of the Registration: The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

JUKI

JUKI CORPORATION
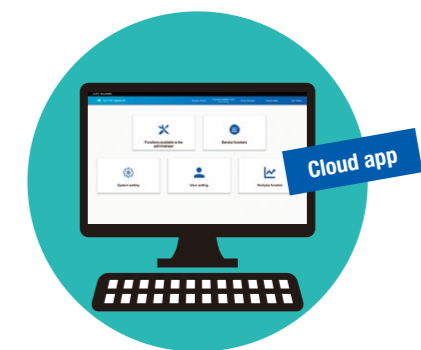SEWING MACHINERY & SYSTEMS BUSINESS UNIT

2-11-1, TSURUMAKI, TAMA-SHI, TOKYO 206-8551, JAPAN
PHONE: (81) 42-357-2370
FAX: (81) 42-357-2274
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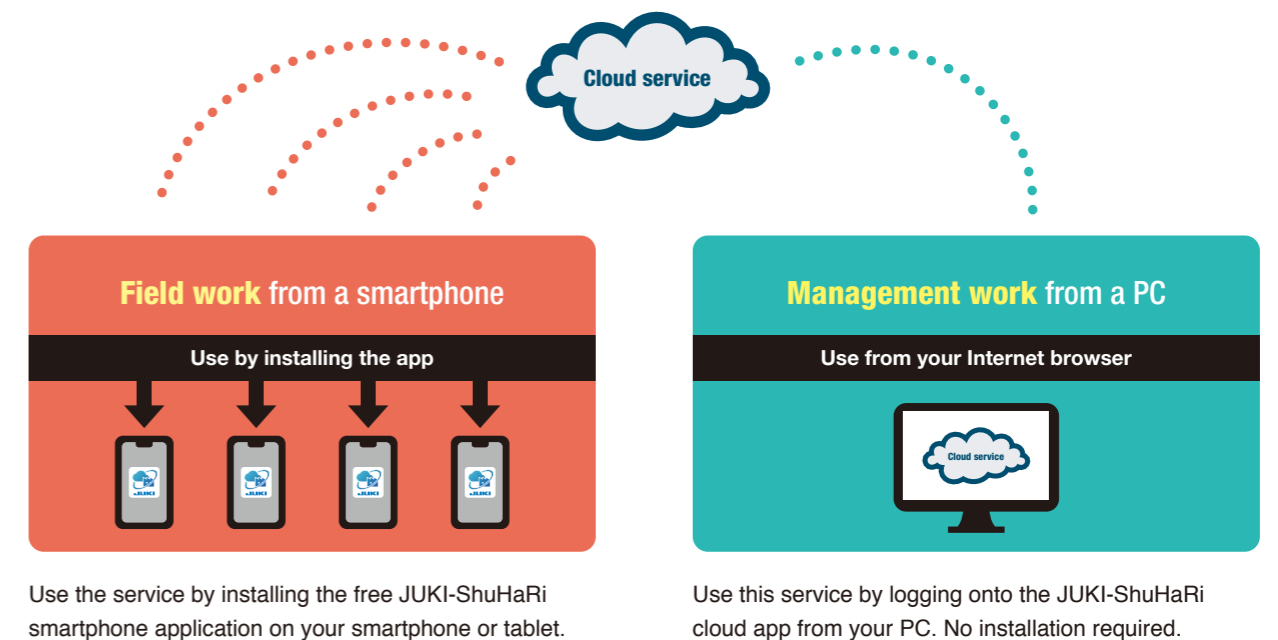
JUKI-ShuHaRi is applications
that works with IoT (Internet of Things) devices
such as smartphones and PCs
to support sewing machine maintenance
and solve problems on the sewing line!

Inspect with the smartphone app

Manage with the cloud app

JUKI-ShuHaRi system configuration

JUKI-ShuHaRi is free applications that can be operated using two apps:
an app for smartphones/tablets and a cloud app for PCs.

Cloud service

Field work from a smartphone

Use by installing the app

Management work from a PC

Use from your Internet browser

Cloud service

Use the service by installing the free JUKI-ShuHaRi smartphone application on your smartphone or tablet.

Use this service by logging onto the JUKI-ShuHaRi cloud app from your PC. No installation required.

Features of JUKI-ShuHaRi　Digital Transformation(DX) of your sewing field from today!

Anyone can inspect in a few easy steps!

JUKI, a leading company in the industry, shares its inspection know-how with users

JUKI-ShuHaRi inspections ensure the safe, long-term use of your JUKI sewing machines. Customers can also use JUKI-ShuHaRi for educate their field staff.

Efficient maintenance work and factory management!

Easy digitalization of your factory with the cloud system

JUKI-ShuHaRi stores maintenance work histories in the cloud without spending time or labor. Reports managed on paper are now a thing of the past.

Support for many machine models!

JUKI-ShuHaRi supports about 170 JUKI sewing machine models

JUKI-ShuHaRi works with JUKI sewing machines of many types, both analog models from years back to the newest digital sewing machines on the market.

As of October 2022

Take the first step and apply!

FREE　FREE　FREE

Start at no cost if you have compatible devices

If you have an Internet connection, you can use JUKI-ShuHaRi from your smartphone, tablet, or PC.

Inspect with the smartphone app

Smooth inspection with JUKI-ShuHaRi using a smartphone or tablet

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Why JUKI recommends sewing machine inspection for preventive maintenance.
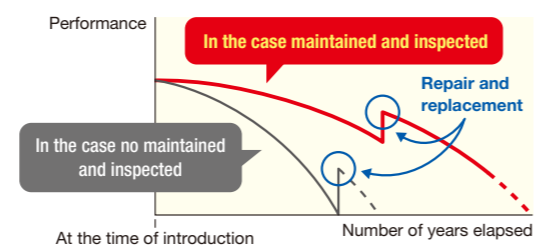**Reduce machine problems now!**

Reduce sudden failures!
Maintenance procedures such as cleaning, oiling, and consumable replacements substantially reduce the frequency of sudden machine failures.

Extend the service life of your machine!
A strictly enforced routine of proper inspections ensures the safe use of your sewing machine over an extended service life.
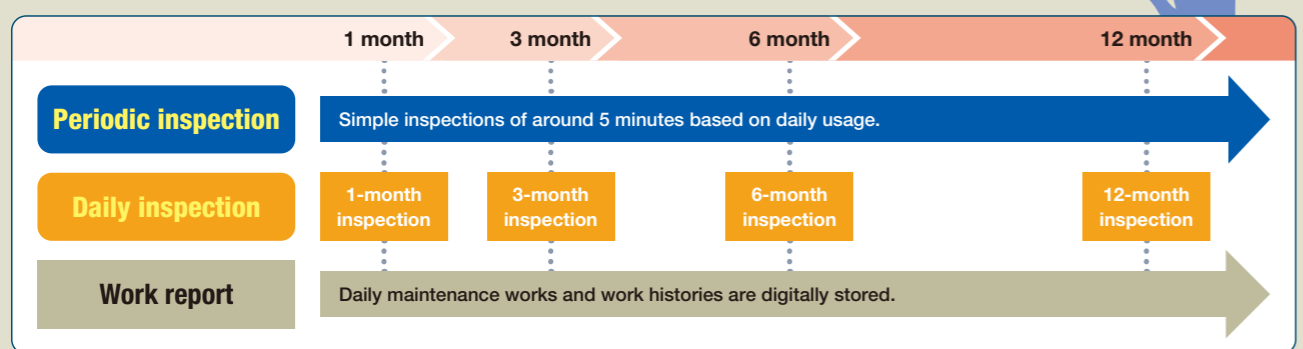
An example of chart of change in the service life (in years)

Performance

In the case maintained and inspected

Repair and replacement

In the case no maintained and inspected

At the time of introduction

Number of years elapsed

Regular sewing machine inspections will ensure higher production capacity and improved seam quality!

JUKI-ShuHaRi supports both **Periodic inspection** and **Daily inspection**

The system clearly guides the user through the machine inspection and sends a notification when the next inspection is due!

	1 month	3 month	6 month	12 month
Periodic inspection	Simple inspections of around 5 minutes based on daily usage.			
Daily inspection	1-month inspection	3-month inspection	6-month inspection	12-month inspection
Work report	Daily maintenance works and work histories are digitally stored.			

Daily inspection
can be completed in five minutes
- Simple inspections anyone can perform to keep the machine in proper running condition.
- Recommended for short periods of downtime such as before or after working hours.
- Inspection mode for easier inspections.

Periodic inspection
carried out in detail
- An inspection of deteriorated parts and defects performed in advance to prevent troubles and maintain machine performance.
- Inspections optimized based on the period of use ensure easy sewing machine management.
- An inspection mode for carrying out inspections in detail.

Work report
wherever and whenever you want
- Freely add photos and comments to your reporting data.
- Operations such as machine adjustments, parts replacements, and line changeovers can be recorded in daily work histories to facilitate sharing and confirmation.

Complete complicated inspection of the sewing machine in just 4 steps!

Capture an image of the machine nameplate to instantly launch the machine inspection.

STEP 1 Select "Daily Inspection" or "Periodic Inspection" from the "Inspection Management" menu in your smartphone app and capture an image of the sewing machine nameplate with your smartphone camera. JUKI-ShuHaRi will recognize your machine model from the image and launch the inspection. (A QR code search function is also available.)
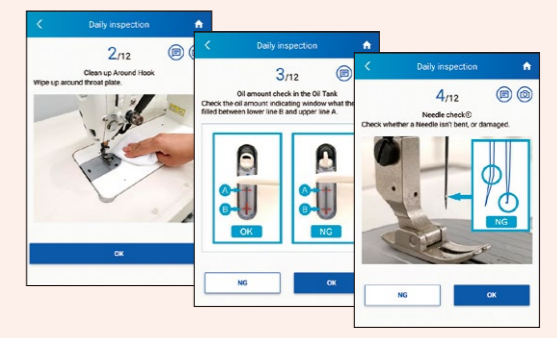
The captured image of the nameplate automatically identifies your machine.

STEP 2 When the inspection launches, carry out the steps in sequence according to the instructions in the smartphone app.

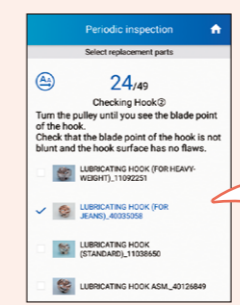The smartphone app guides you through the inspection with a simple sequence of images.

STEP 3 If the JUKI-ShuHaRi inspection finds that parts need to be replaced, the app draws up a list of the replacement parts required. Estimates for replacement parts can also be generated in the app. Find details on the "Parts Estimation Function" below.
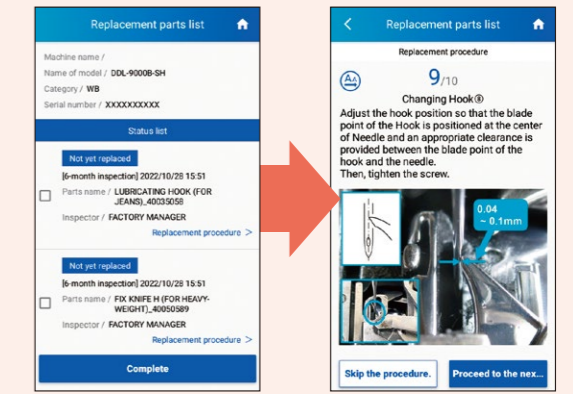
The procedure for selecting parts is easy to understand.
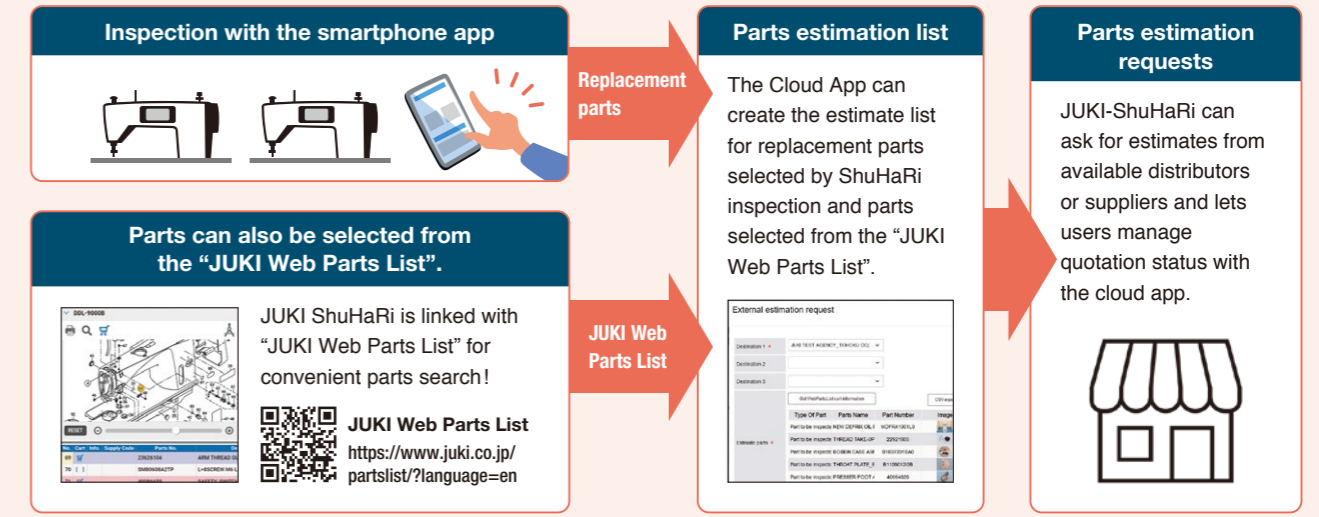
Specification of parts are also displayed

STEP 4 The smartphone app also clearly guides the user through the steps required for replacement parts.

Parts Estimation Function

The cloud app directly contacts distributors or suppliers to request estimates for parts by e-mail. This function helps reduce input mistakes when entering part numbers or order quantities.
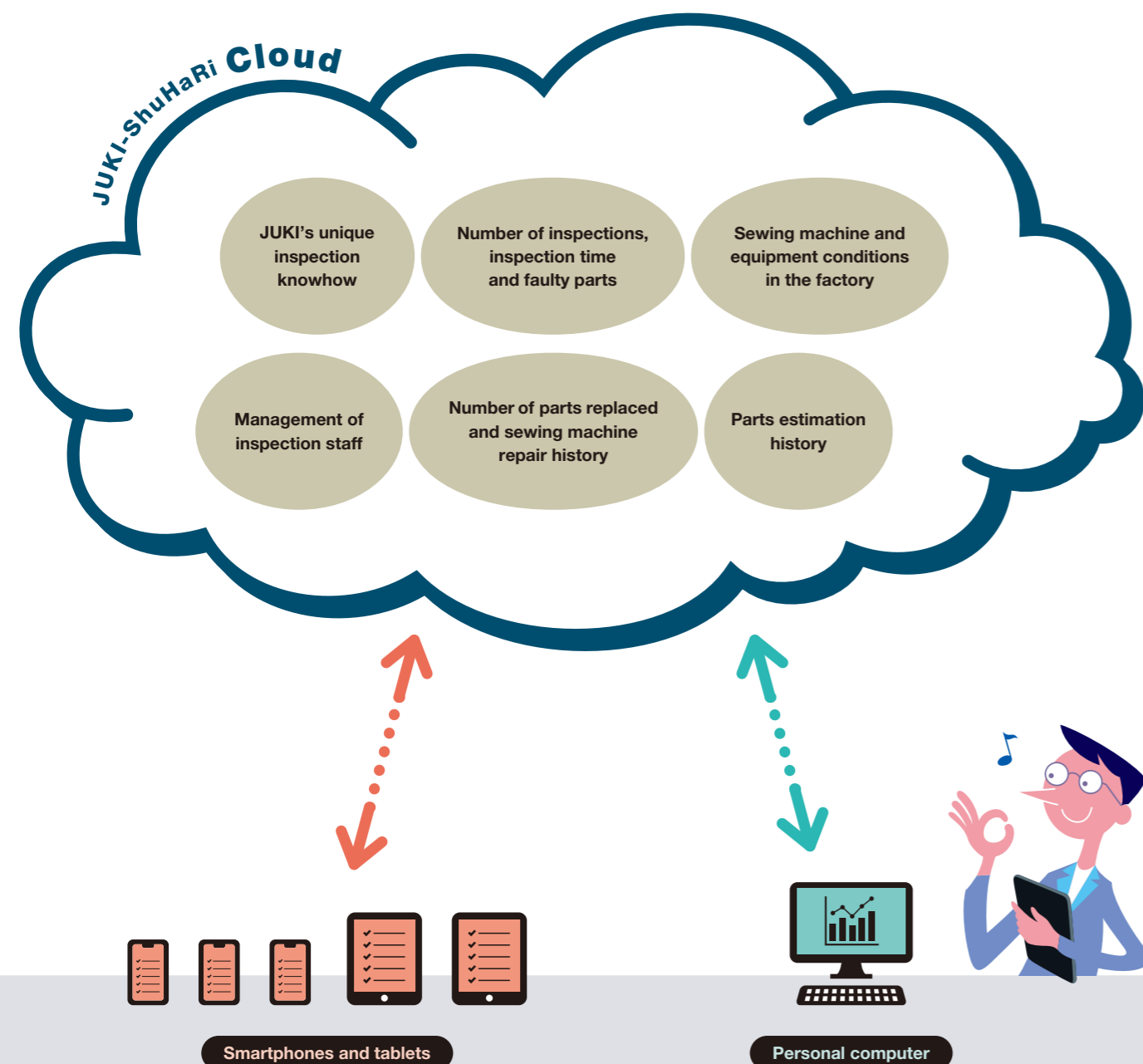
Inspection with the smartphone app

Replacement parts →

Parts can also be selected from the "JUKI Web Parts List".

JUKI ShuHaRi is linked with "JUKI Web Parts List" for convenient parts search!

JUKI Web Parts List
https://www.juki.co.jp/partslist/?language=en

JUKI Web Parts List →

Parts estimation list

The Cloud App can create the estimate list for replacement parts selected by ShuHaRi inspection and parts selected from the "JUKI Web Parts List".

Parts estimation requests

JUKI-ShuHaRi can ask for estimates from available distributors or suppliers and lets users manage quotation status with the cloud app.

Efficient management using JUKI-ShuHaRi on a PC.

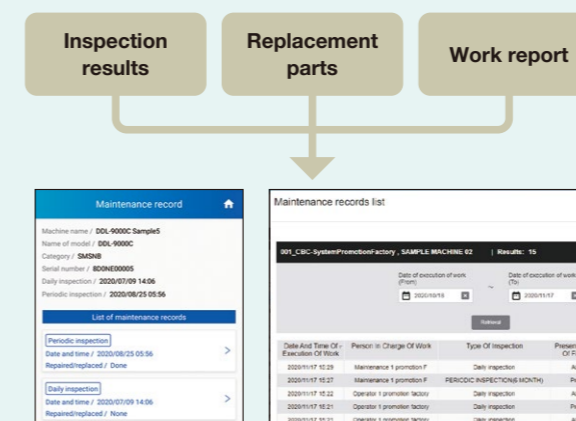**Digitally managed** maintenance work reduces working hours.

**JUKI-ShuHaRi stores sewing machine data as required.
The data stored can also be used for making improvements,
sending reports, and analyzing work done.**

(The range of retrievable data varies between the smartphone/tablet and PC-accessed apps.)

JUKI-ShuHaRi Cloud

- JUKI's unique inspection knowhow
- Number of inspections, inspection time and faulty parts
- Sewing machine and equipment conditions in the factory
- Management of inspection staff
- Number of parts replaced and sewing machine repair history
- Parts estimation history

Smartphones and tablets

Personal computer

Maintenance record

Sewing-machine inspection results and work reports are managed collectively in a maintenance record that gives users a clear, big-picture view of the sewing machine conditions.

- Inspection results
- Replacement parts
- Work report

Abundant management functions

JUKI-ShuHaRi manages the sewing machines installed in the line and keeps of history of inspections by the field staff through the cloud app. Users of JUKI-ShuHaRi on the cloud can access data whenever and wherever they want.
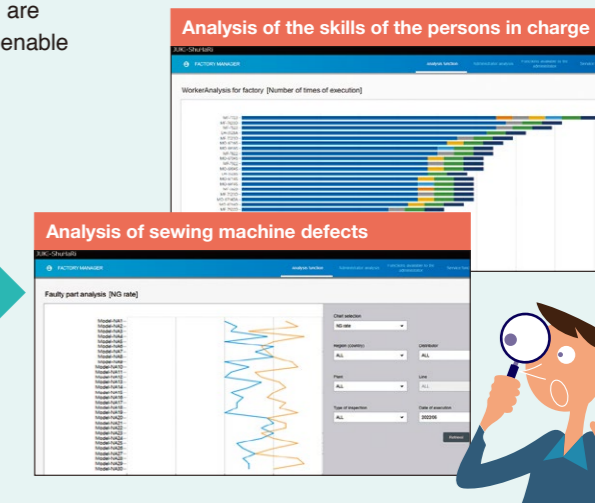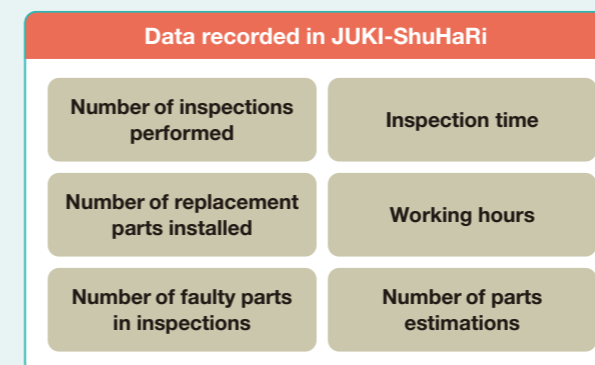
Sewing machine management

Staff management

Line management
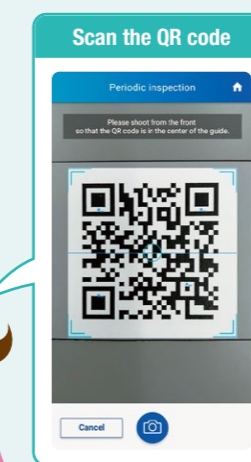
Parts estimation management

Analysis function

Inspection data and sewing machine data stored in JUKI-ShuHaRi are analyzed through the cloud app. Multiple data sets in combination enable various types of analysis.

Data recorded in JUKI-ShuHaRi	
Number of inspections performed	Inspection time
Number of replacement parts installed	Working hours
Number of faulty parts in inspections	Number of parts estimations

Analysis of the skills of the persons in charge

Analysis of sewing machine defects

QR code management function

QR codes can be used to select a sewing machine during an inspection or operation. Equipment from other companies can also be managed with QR codes if the codes are registered.
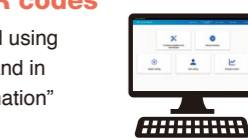
Scan the QR code

How to generate QR codes

QR codes can be generated using the "Print QR Code" command in the "Sewing Machine Information" section of the cloud app.

Print the QR code on the sticker paper.
(The seal mounts are not supplied with the sewing machine.)

Adhere the sticker paper with the QR code to the sewing machine to enable machine identification.