Sperantus
Make data speak to you

pack® &trace edge

User Manual

Updated to September 25, 2024

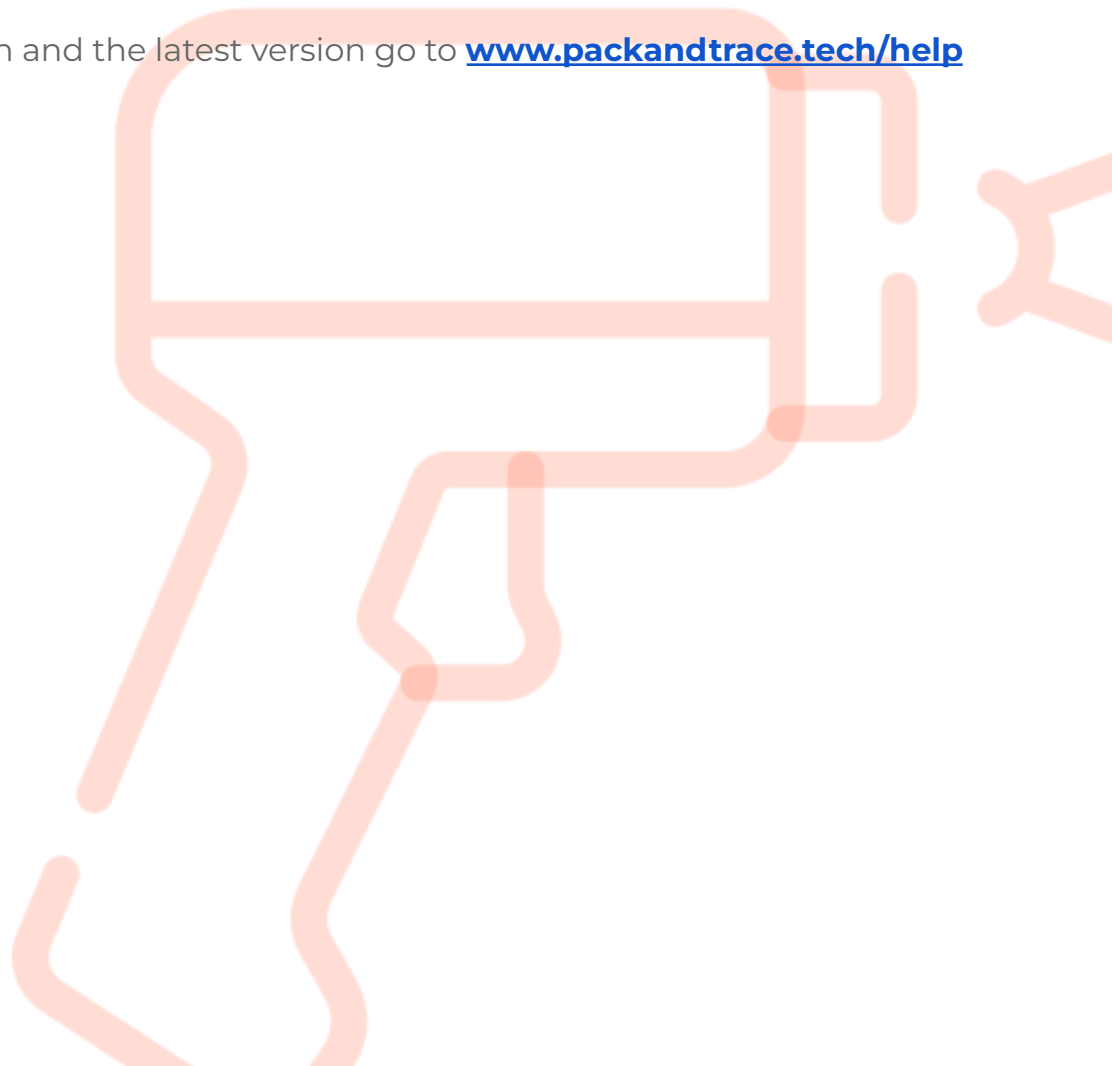For more information and the latest version go to **www.packandtrace.tech/help**
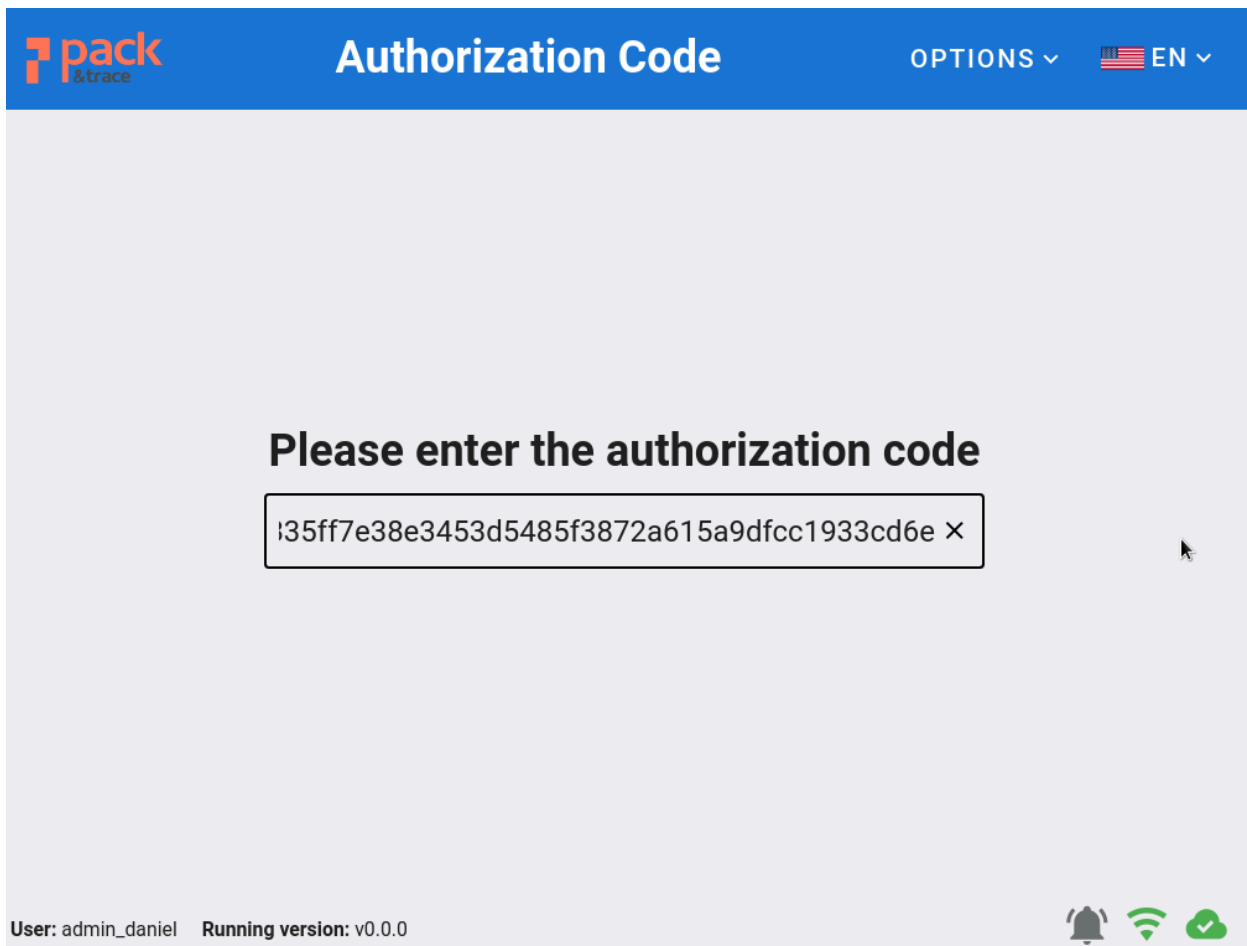
Tabla de contenido

P&T Edge
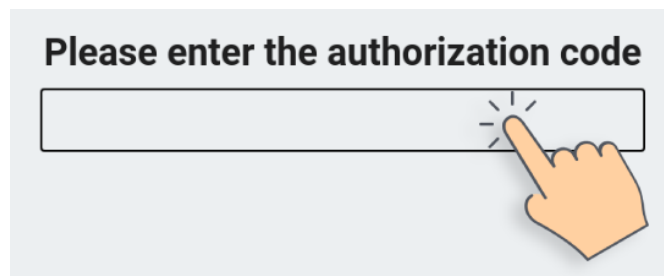
Validator only edition

Line Setup

Main Flow

1. Scan the **Authorization code** provided by Sperantus, and it will automatically appear in the designated text field, opening a new screen.

a. If the code doesn't show, click the text field and try scanning again.

2. In the **Line Setup** screen, click the **Item number** field and select the item to be packaged in the Line, then the item description will show.

3. Click the right arrow , and the rest of the form will show. Click each text field to select or add the required data using the on-screen keyboard.

a. If it's required to change the item, click the left arrow to return to the previous screen.

4. Press to finish the Line Setup.

Validation

After completing the Line setup, the system will enter the verification state. This means that the screen will exclusively display the OCR and Barcode camera's connection statuses and details of the ongoing labeling. During this period, there is no need to perform any activities on the screen; just stay alert in case any connection issues with the cameras arise.

Screen components
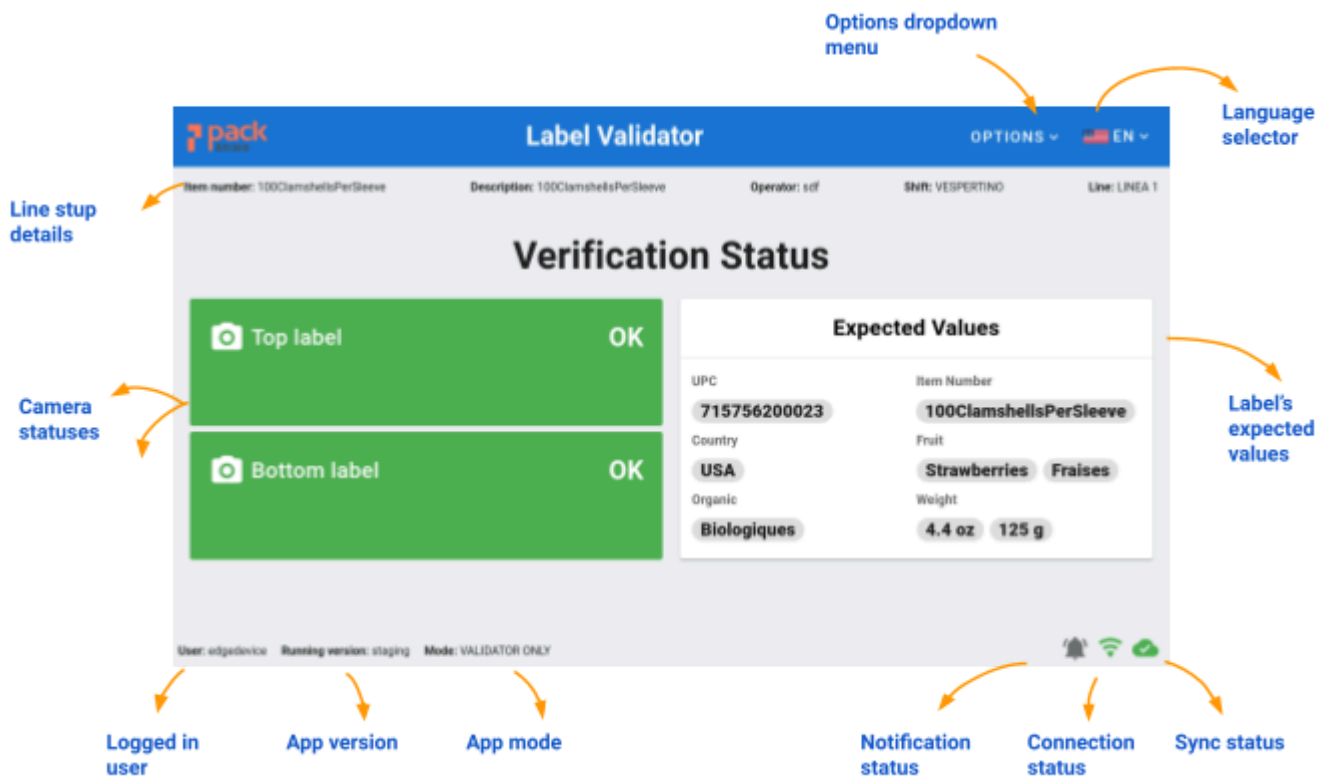
Camera connection status

The connection status of each camera is independent; it's possible for one camera to be functioning correctly while the other is disconnected or experiencing reading issues. Therefore, **it's essential to be alert to any changes in each of them**.

Online camera - OK

In this state, the labels are passing correctly and are being detected.

Verification Status

| Top label | OK |
| Bottom label | OK |

Expected Values

UPC	Item Number
715756200023	100ClamshellsPerSleeve
Country	**Fruit**
USA	Strawberries Fraises
Organic	**Weight**
Biologiques	4.4 oz 125 g

Offline camera

In this case, the system is not detecting one or both connected cameras, so the labels are also not being verified. To correct the issue, you will need to connect and turn on the camera with the problem.

Verification Status

| Top label | OFFLINE |
| Bottom label | OFFLINE |

Expected Values

UPC	Item Number
715756200023	100ClamshellsPerSleeve
Country	**Fruit**
USA	Strawberries Fraises
Organic	**Weight**
Biologiques	4.4 oz 125 g

No read camera

This occurs when one or both cameras are connected but detect many empty values. To correct the issue, you will need to check that the camera is pointing directly at the labels and is focusing properly.

Verification Status

📷 Top label	**NO READ**
📷 Bottom label	**NO READ**

Expected Values

UPC	Item Number
715756200023	100ClamshellsPerSleeve
Country	**Fruit**
USA	Strawberries Fraises
Organic	**Weight**
Biologiques	4.4 oz 125 g

Standby camera

This happens when one or both cameras are connected correctly but are not passing labels. As soon as the labeler starts and the labels are detected, the camera will be back online.

Verification Status

📷 Top label	**STANDBY**
📷 Bottom label	**STANDBY**

Expected Values

UPC	Item Number
715756200023	100ClamshellsPerSleeve
Country	**Fruit**
USA	Strawberries Fraises
Organic	**Weight**
Biologiques	4.4 oz 125 g

Troubleshooting and error handling

Blocking Errors

These critical errors can affect the proper functioning of the app and will appear as a blocking dialog screen when there is a high risk of data loss and critical labeling inaccuracies. Such issues could adversely affect the end-users, leading to negative consequences and potential penalty fees. **It is crucial to address and resolve these errors promptly to ensure the app operates smoothly and serves its purpose effectively.**

> When encountering an error, the system will prompt the user to enter the supervisor code. **Ignoring the error and attempting to enter the supervisor code three times will trigger the need for a higher-level unlock code, which is usually managed exclusively by Sperantus.**

Example of blocking error:

🔒 **Blocked application**

Some errors are blocking the scanning process. Please contact to your maintenance area and the Sperantus support team at support@packandtrace.tech, to obtain the unlock code and continue.

Date	Message	Instruction
2023-12-14 01:53:27 PM	• **VISION CAMERA:** OCR MISMATCH: Top label does not match the expected SKU.	Check that the correct label is being used. If the problem persists, please contact support@packandtrace.tech.

Enter the unlock code   **UNLOCK**

Types of Errors and How to Solve Them

| Message	Correction
CAMERA TROUBLE: The camera is not able to read the label codes correctly.	Contact the maintenance team so they can align the camera correctly and according to the maintenance guide.
UPC MISMATCH: Edge has detected a UPC mismatch between the top and the bottom labels.	Confirm the correct labels are being used. If they are, a printing issue might be the cause.
UPC MISMATCH: The UPC code on the label does not match the one configured for this SKU.	Ensure the correct labels are being applied in the clamshells. If the issue persists, reach out to Sperantus for further assistance.
VISION CAMERA OCR MISMATCH: Top label does not match the expected SKU	Make sure that the correct labels are being used according to the item that was set up to be packed on the production line.
LABELING ISSUES: 2 UPC labels were detected on a single scan.	Ensure the reading area is free from any scraps labels on the conveyor belt.
LABELING ISSUES: The UPC label wasn't detected in the clamshell	Make sure that the camera is properly aligned with the clamshell and that the clamshell is correctly labeled.
CAMERA TROUBLE: The clamshell scanned on Edge was not detected by the camera.	Verify the camera's power connections, or alternatively, check the camera's network cable connection to the computer. Correct if it's necessary.
CAMERA TROUBLE:: The last 3 scans on Edge were not detected by the camera.	Ensure the sensor and reflector are perfectly aligned, allowing the camera to activate when the clamshell is passed through.
OUT OF SYNC: Edge has not synced to the server for more than 16 hours.	Resolve the network issue. If an immediate solution isn't possible, contact Sperantus for a temporary fix.

FAQ

How to change the item during the packaging process?

You can change only in instances where there are no completed or ongoing cases. However, that will end the packaging process to start a new one.
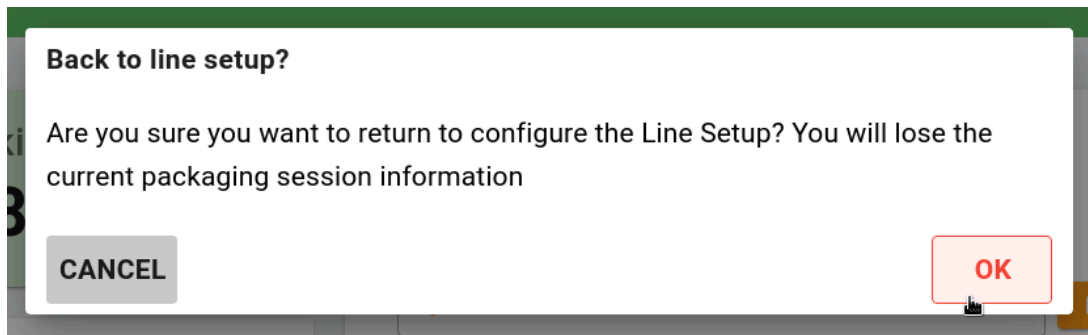
1. Start by pressing the **Options** button to open the drop-down menu.
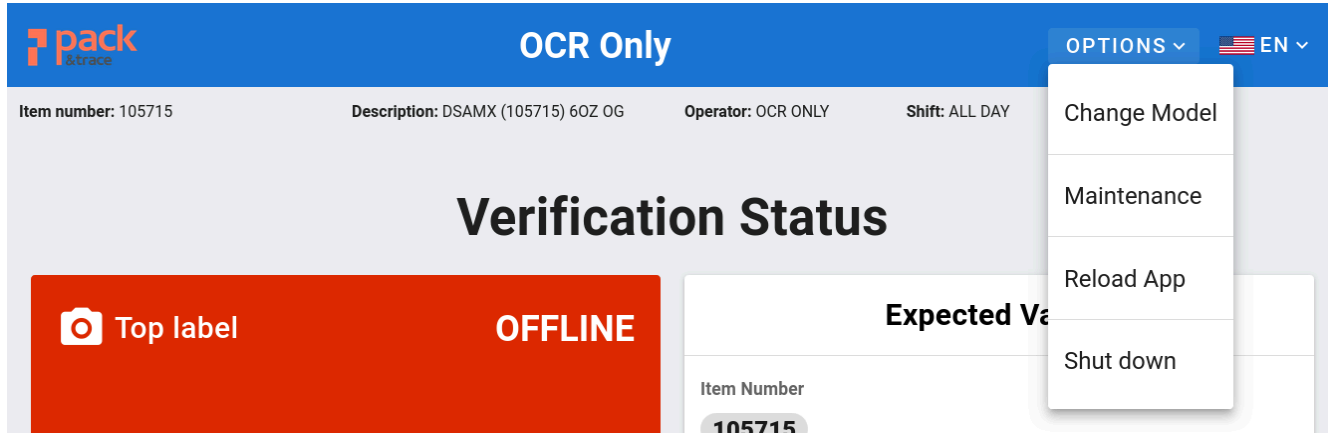
2. Press the **Change Model** option
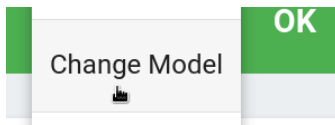
3. A confirmation message will show and by accepting it, the current packaging process will end. Then it'll be necessary to start a new Line Setup process.

4. When starting the new Line Setup the system will ask for a confirmation to use the previous item setup. Press CANCEL to change it or OK to use it.
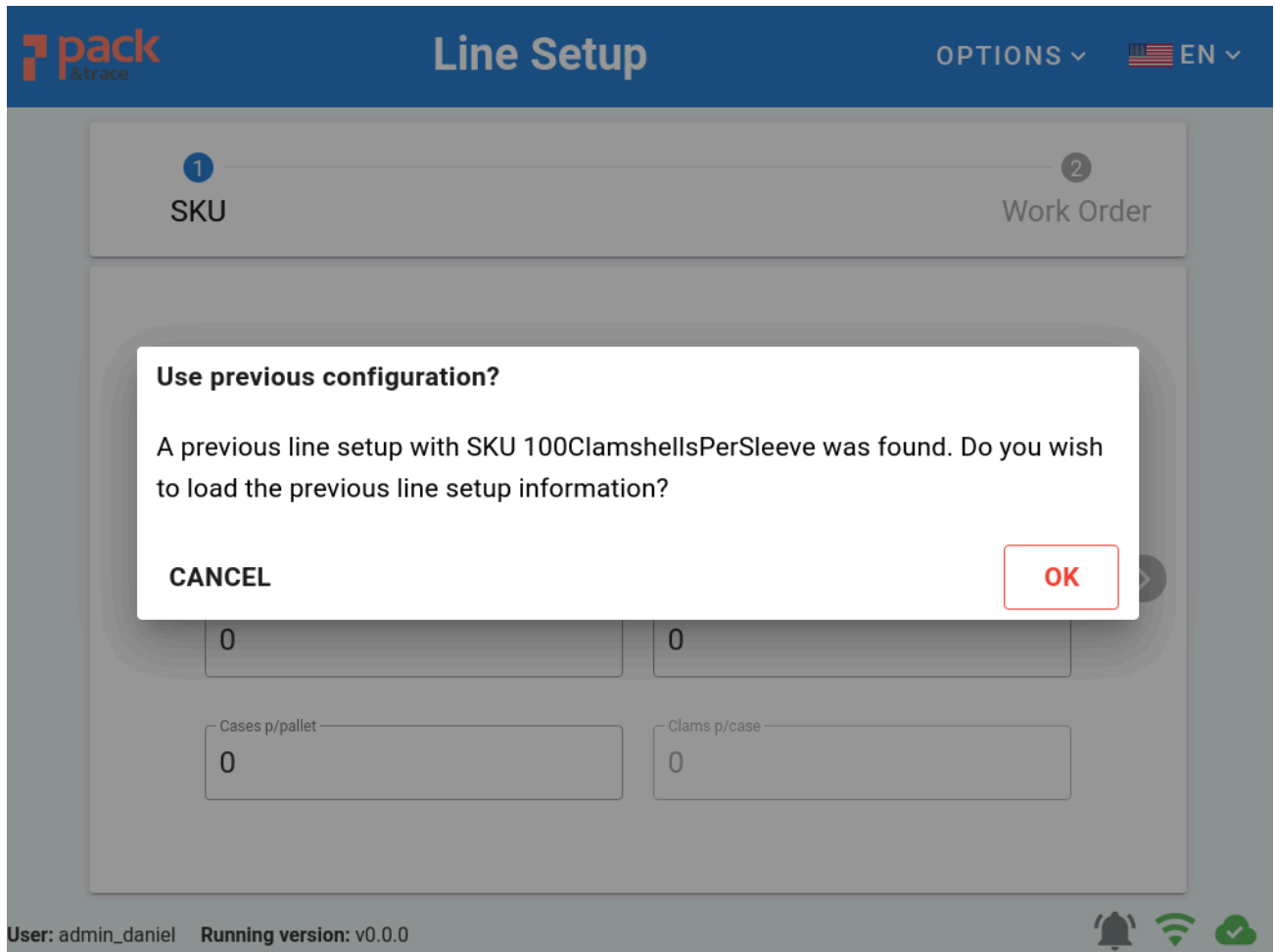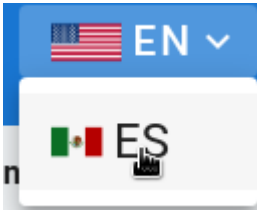
How to change the language of the application?

1. Click the flag button in the top bar.

2. Select your desired language (English or Spanish).

3. The system will now be displayed in the chosen language.