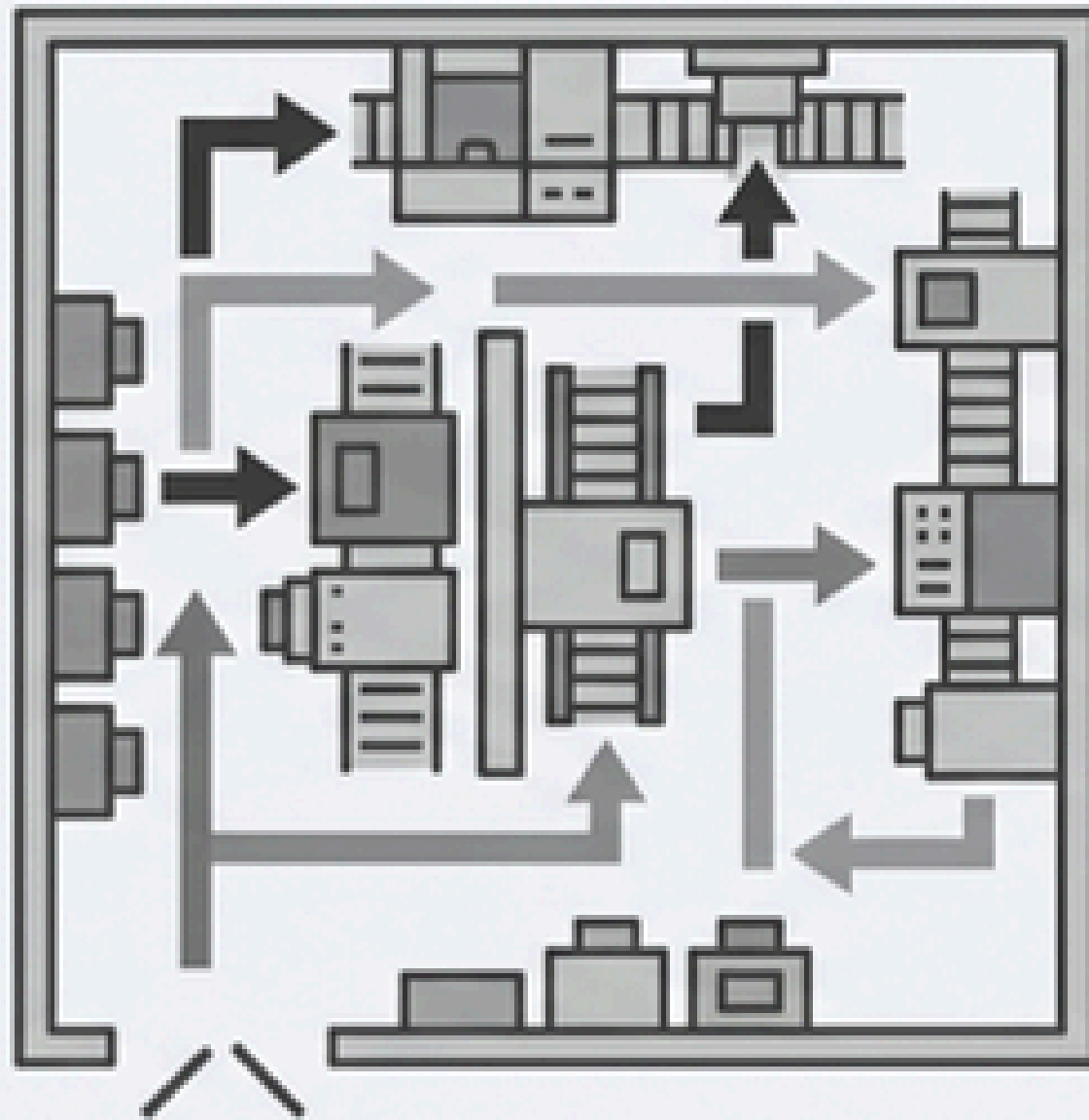


Adapt at the Speed of Production.

The Flexible Logistics Solution for Dynamic SMT Lines.



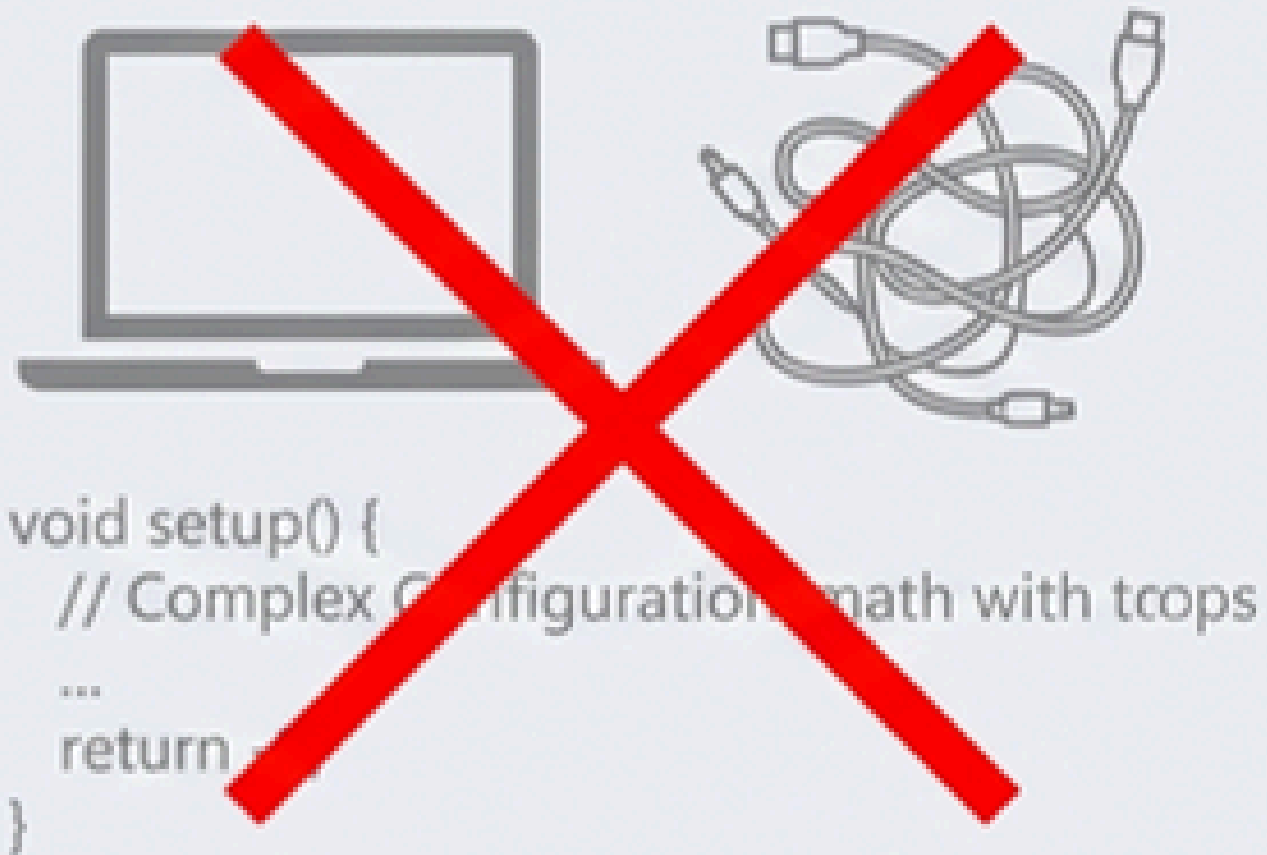


Your Line is Always Moving. Your Logistics Should Too.

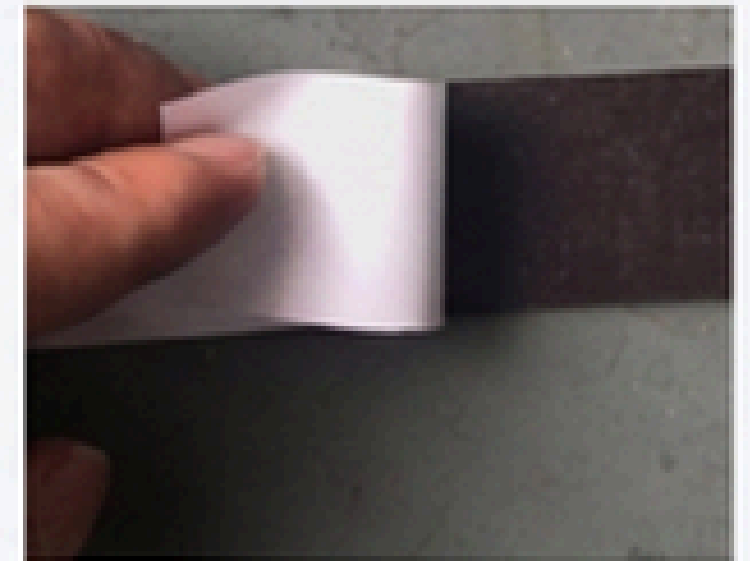
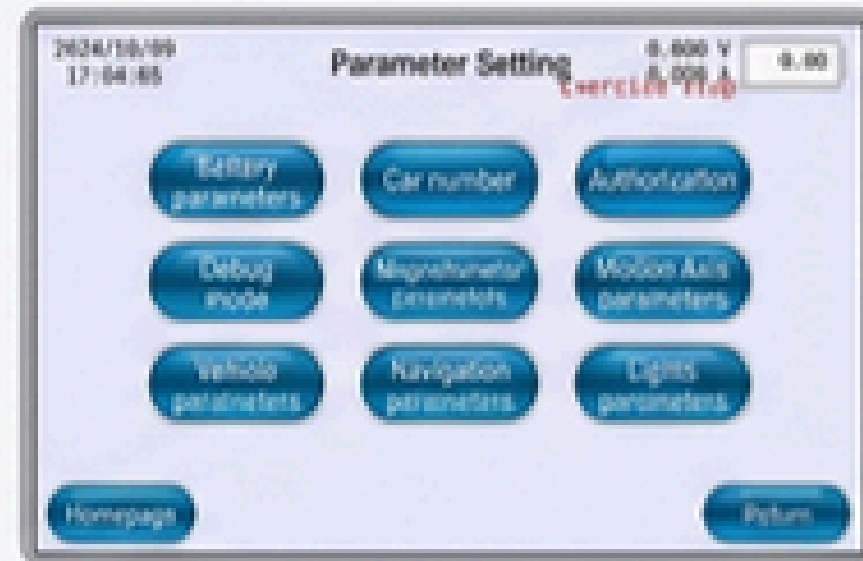
New Product Introduction (NPI) ramp-ups, layout optimization, and shifting production demands mean the factory floor is never static.

Segoe UI Bold

Is it hard to change the route when I move my SMT line?



The Old Way.

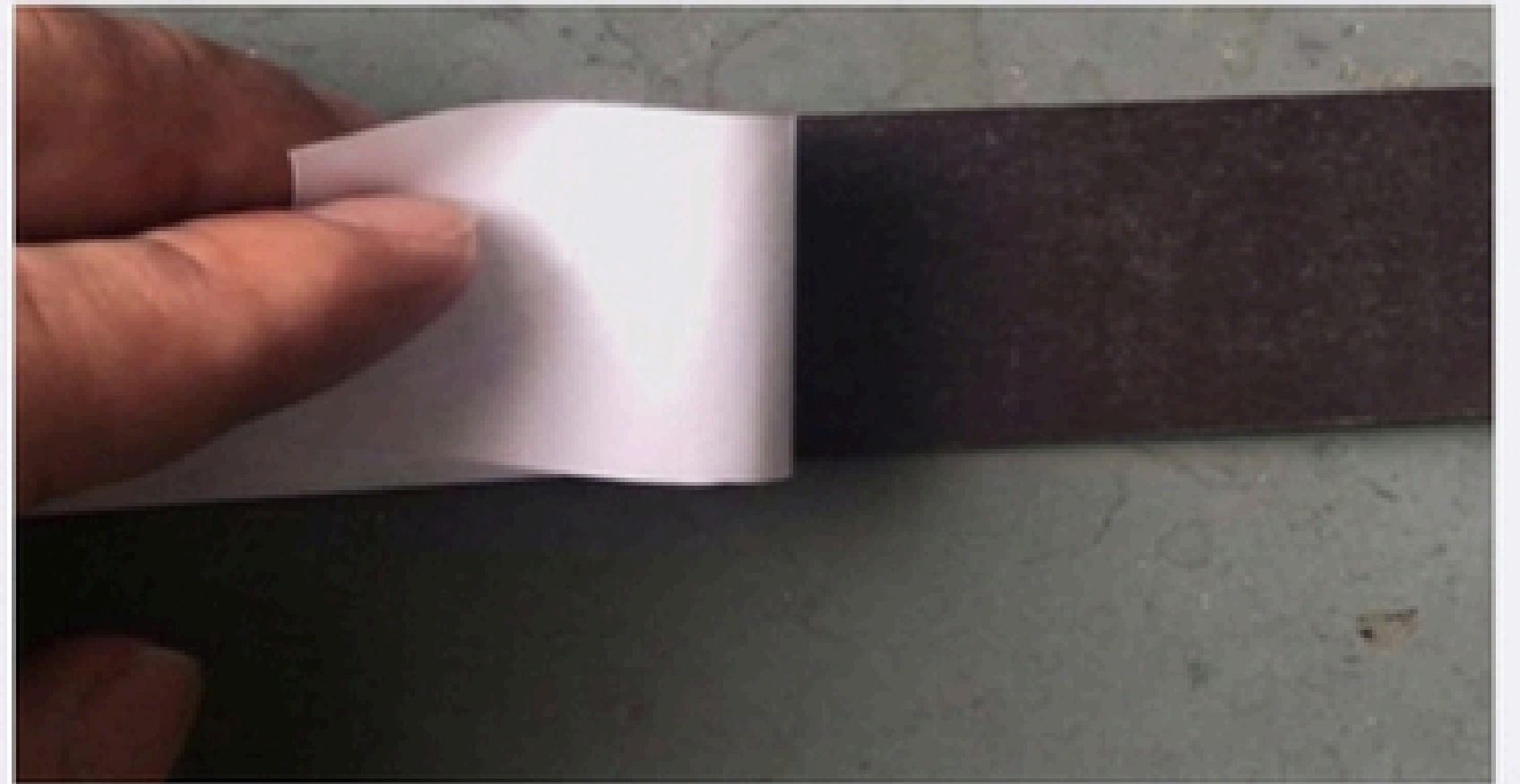


The SFY03 Way.

No Coding. No Laptops. No Downtime.

Navigation You Can Peel & Stick.

- Uses standard 30mm/50mm magnetic strip navigation.
- To change the path, simply peel up the old strip and lay down the new one.
- Precision: $\pm 10\text{mm}$ accuracy without complex floor mapping.



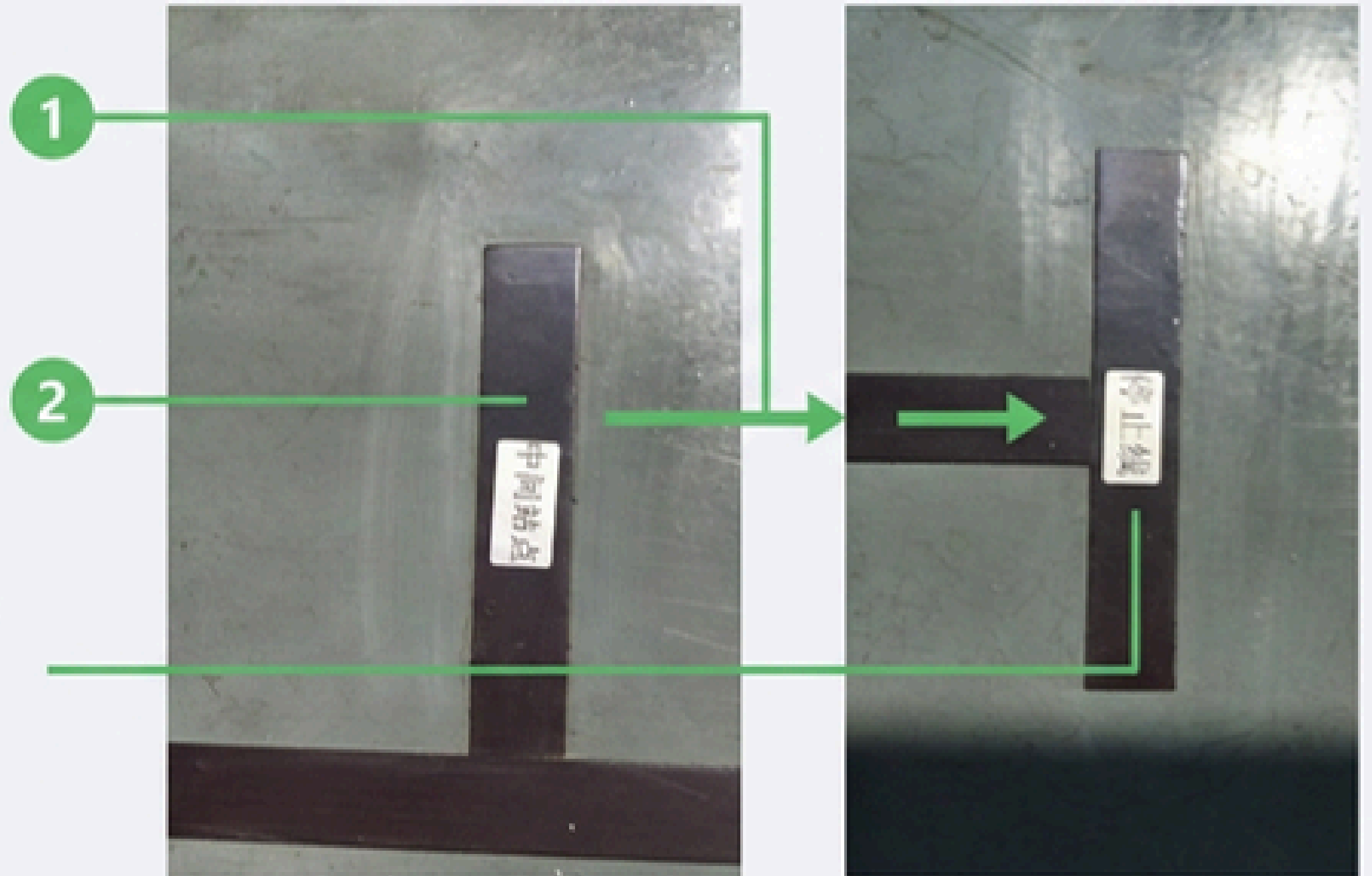
Your Finger is the Only Key.

- The onboard 4.3-inch industrial touch screen is the command center.
- Monitor status, set parameters, and edit routes directly on the machine.
- Modify parameters instantly on the shop floor without waiting for a programmer.



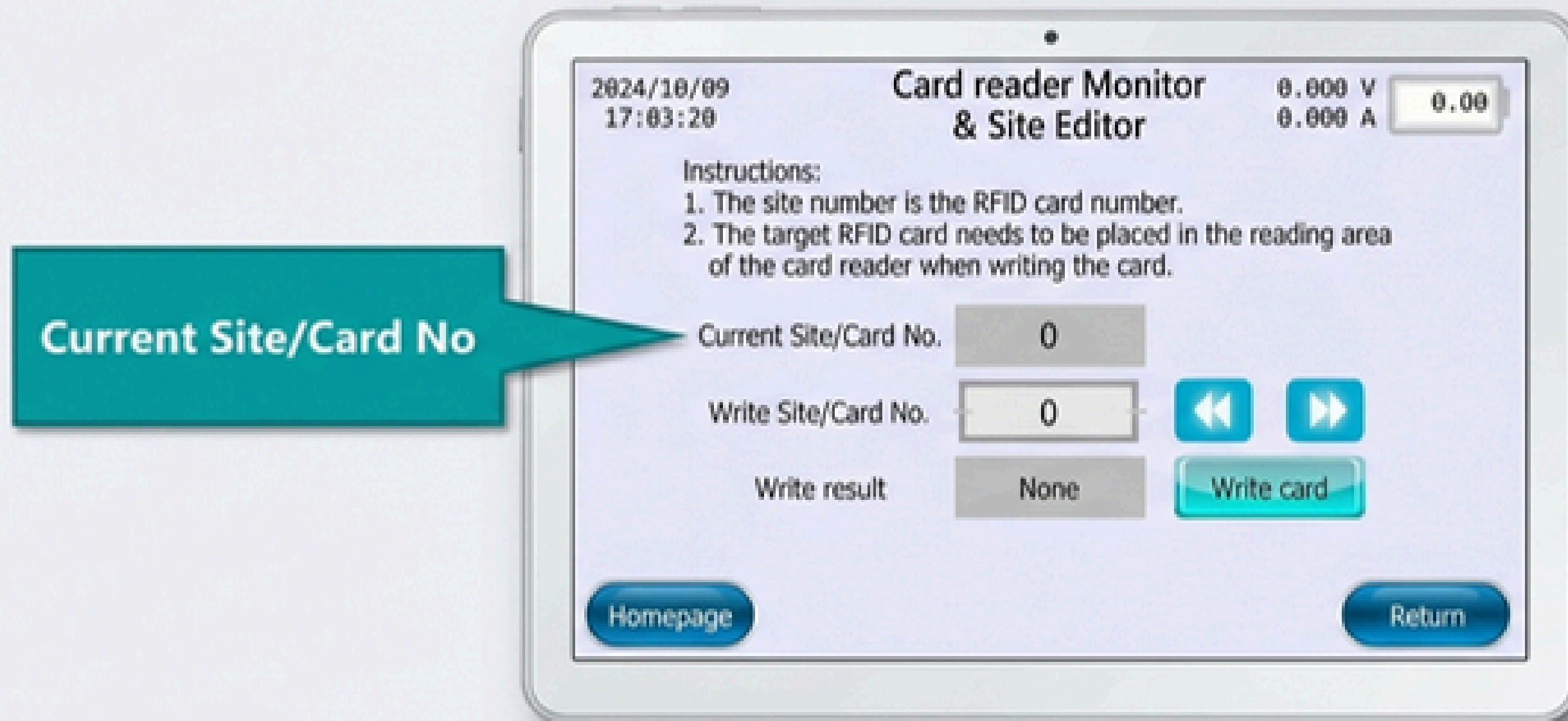
Step 1: Redefine the Path.

1. Relay the magnetic tape to the new machine location.
2. Place RFID "Site Cards" at specific stop points.
3. The AGV reads these cards to know its exact location.



Step 2: Define the Sites.

Drive the AGV over the new RFID card. The screen displays the detected Card Number. Simply assign that number as a 'Site'.



Step 3: Edit the Logic.

Open the Route Editor and select your Site Number.

Use the simple dropdown menu to choose an action: Stop, Speed Up, Wait, Wait, or Music.

No code writing required.

The screenshot displays the 'Route Station Operation Editor - Forward' interface. At the top, it shows the date '2024/10/09' and time '17:07:55'. The main title is 'Route Station Operation Editor - Forward'. On the right, there are two input fields: '0.000 V' with a value of '0.00' and '0.000 A' with a value of '0.00'. A red label 'Exercise' is positioned below these fields. Below the title bar, there is a table with columns for 'Opcode-Forward', 'D0', 'D1', 'D2', 'D3', and 'Opcode-Forward', 'D0', 'D1', 'D2', 'D3'. The first row shows '0' for Opcode-Forward, 'Null operation' for the operation, and '0' for all D0-D3 values. The second row shows '5' for Opcode-Forward, 'Null operation' for the operation, and '0' for all D0-D3 values. A 'Site editor' button is visible at the bottom left. An 'Operation Function Edit-Forward' dialog box is open in the foreground, showing a dropdown menu for 'Operation' with 'Null operation' selected. Below this, there are four rows for 'D0', 'D1', 'D2', and 'D3', each with a dropdown menu and a numeric input field containing '0'. The 'D0' dropdown is open, showing options: 'Null operation', 'Sports parking', 'Non-Parametric navigation', 'Parametric navigation', 'Switch direction', 'Non-Parametric offline', 'Parametric offline', 'Left-spin,orbit forward', 'Right-spin,orbit forward', and 'Left-spin,orbit backward'. At the bottom of the dialog are 'Cancel' and 'Confirm' buttons.

| Opcode-Forward | D0 | D1 | D2 | D3 | Opcode-Forward | D0 | D1 | D2 | D3 |
|----------------|----------------|----|----|----|----------------|----------------|----|----|----|
| 0 | Null operation | 0 | 0 | 0 | 5 | Null operation | 0 | 0 | 0 |

Operation Function Edit-Forward

Operation: Null operation

D0: Null operation

D1: Non-Parametric navigation

D2: Switch direction

D3: Parametric offline

Details: Left-spin,orbit forward

Right-spin,orbit forward

Left-spin,orbit backward

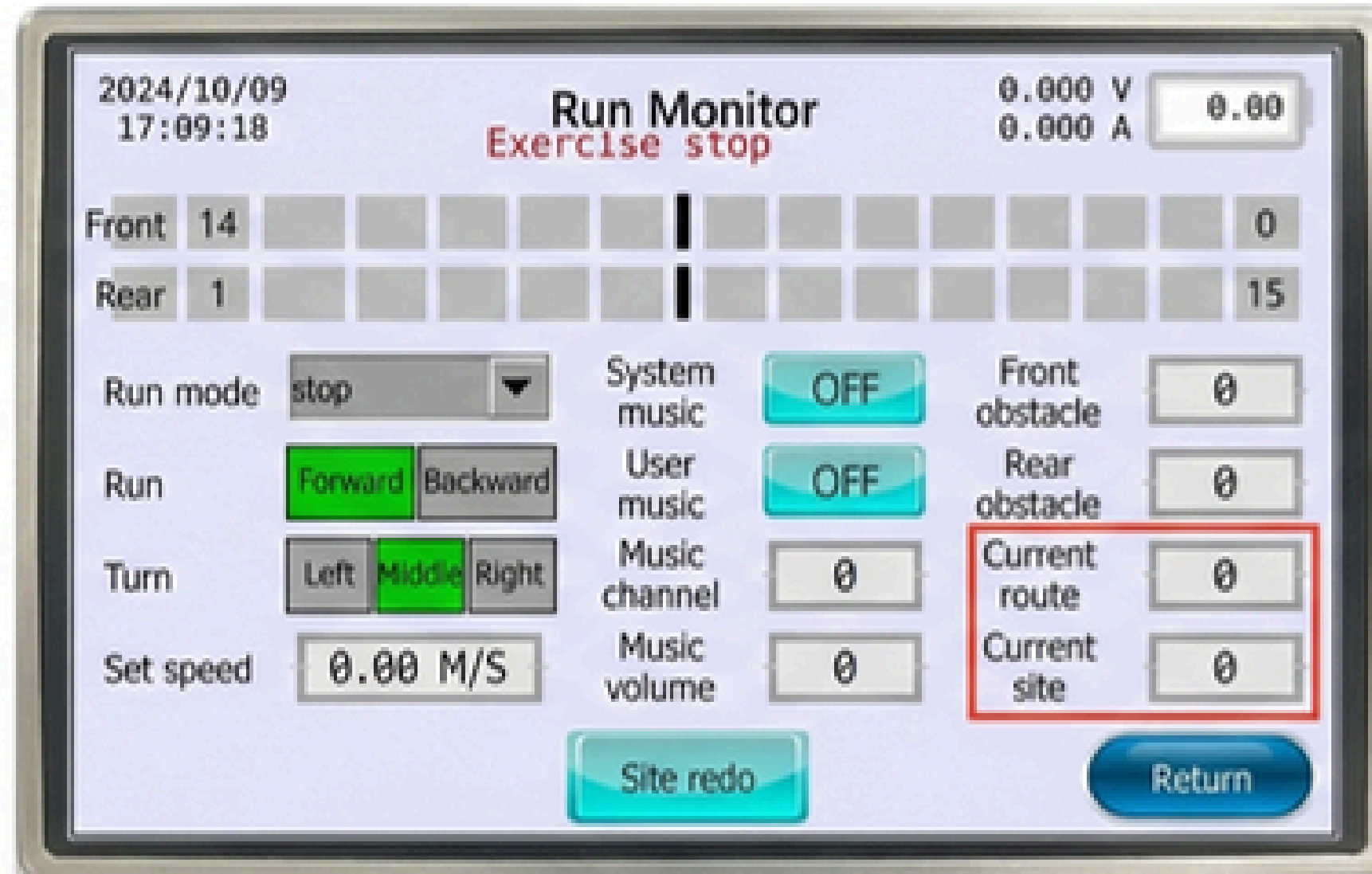
0 0 0 0

Cancel Confirm

Step 4: Save and Run

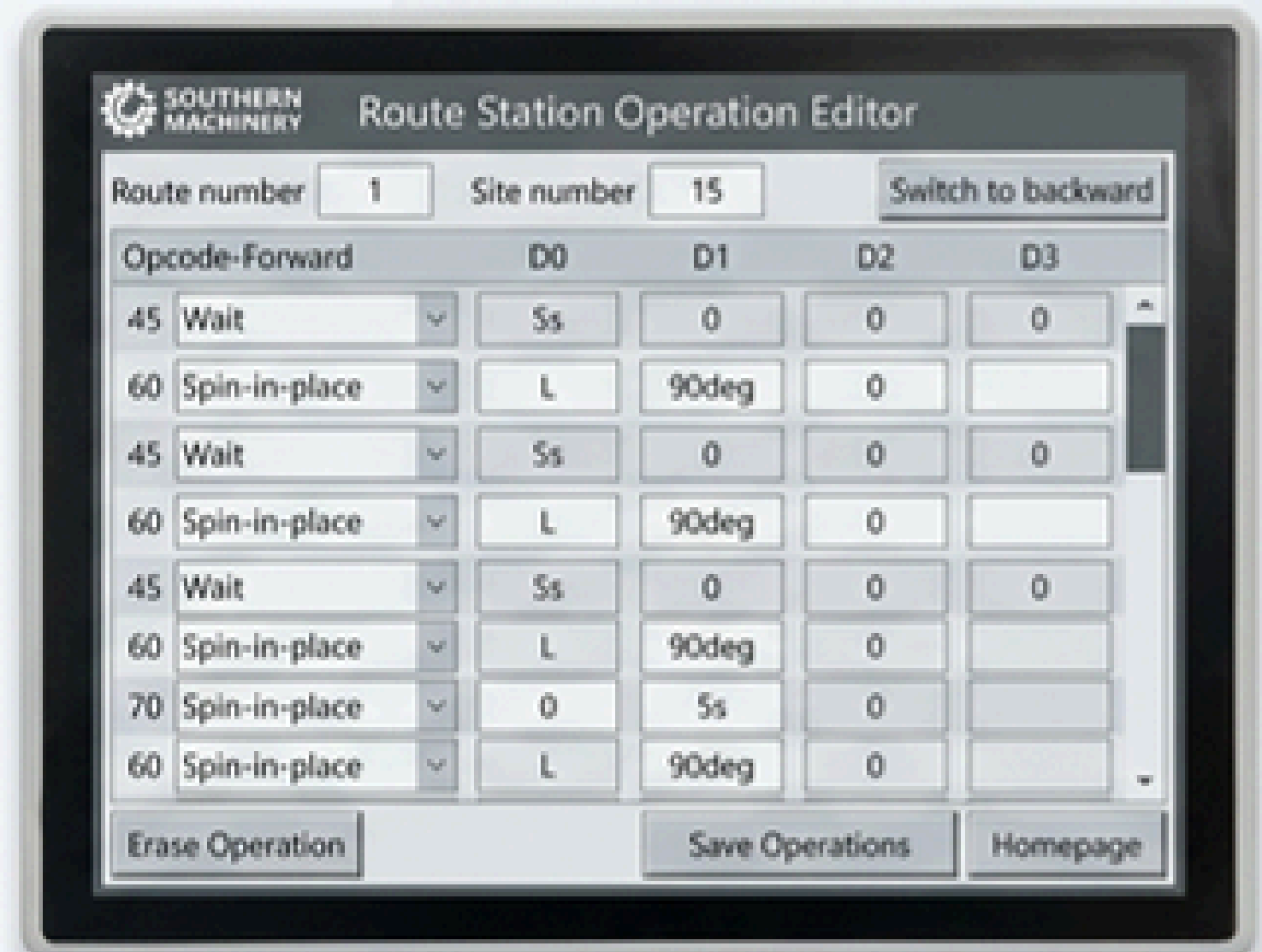
Click 'Save Operation' to write to flash memory. Select the Route Number and press Start.

The AGV immediately follows the new path.



Simple Interface. Complex Behaviors.

- Store >200 unique routes.
- Configure speed changes, spins, and wait times per station.
- Supports Forward, Backward, and Spin-in-place movements.



Safety That Moves With You.

- Single-Point Laser with 0 to 1.2m detection range.
- Intelligent avoidance detects obstacles regardless of color.
- Auto-Adaptation: When you move the route, the safety system moves with it. No need to reprogram safety zones.



The Hardware Workhorse.



| SPECIFICATION | VALUE |
|---------------|--|
| Load Capacity | 50KG (Backpack style) |
| Speed | Up to 0.8 m/s |
| Endurance | 24V/12AH Battery (6-8 hours run time) |
| Dimensions | 600(L) x 450(W) x 472(H) mm |
| Charging | Independent battery warehouse for quick swapping |

Trusted by EMS Leaders Globally.



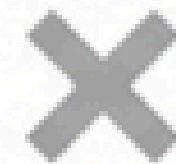
237+ Global Clients

- Specialized in SMT & THT automation since 2011.
- Compatible integration with Panasonic, JUKI, and YAMAHA lines.
- Expertise in Component Feeding, Auto Insertion, and Board Handling.

The "Is It Hard?" Checklist.

Need a Laptop?

NO



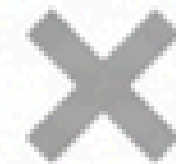
Need Coding Skills?

NO



Need Manufacturer Support?

NO

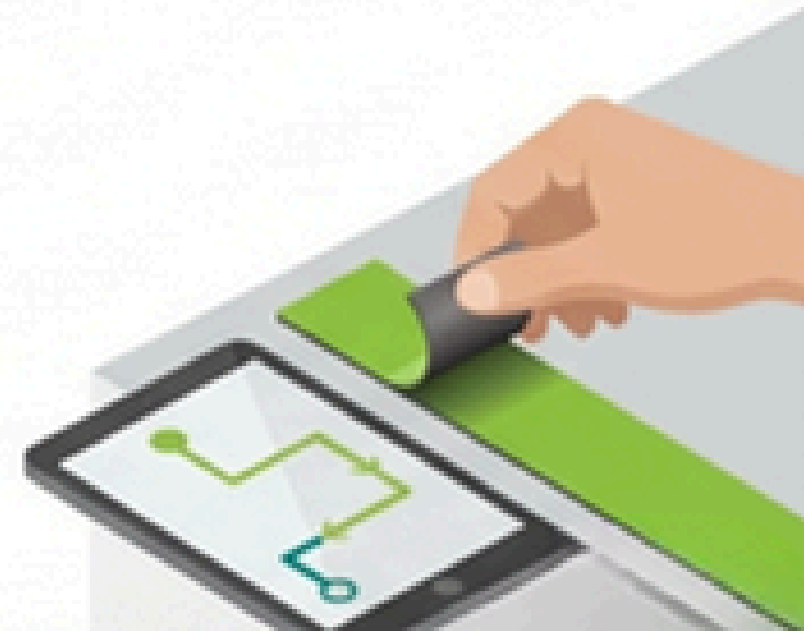


Need to Change the Route?

YES



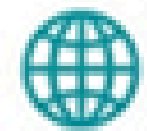
Just Peel, Stick, & Tap.





Ready to Optimize Your Logistics?

Contact our engineering team for a site assessment.



Website: SMThelp.com



Sales Engineer: Jason Wu



Email: jasonwu@smthelp.com



WeChat/WhatsApp: **+8613602562576**



Phone: +86-136-0256-2576