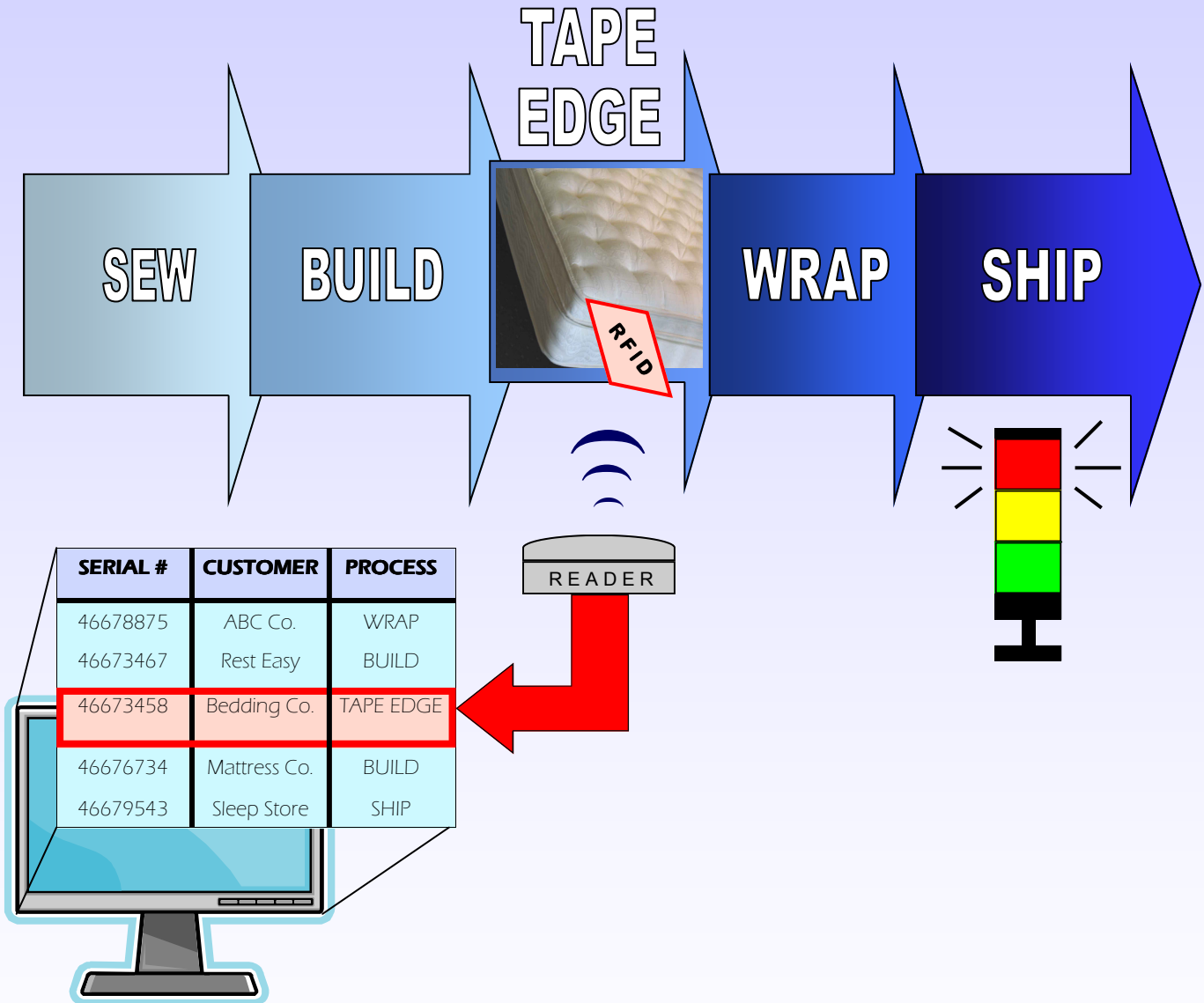


RFID Technology For The Bedding Industry



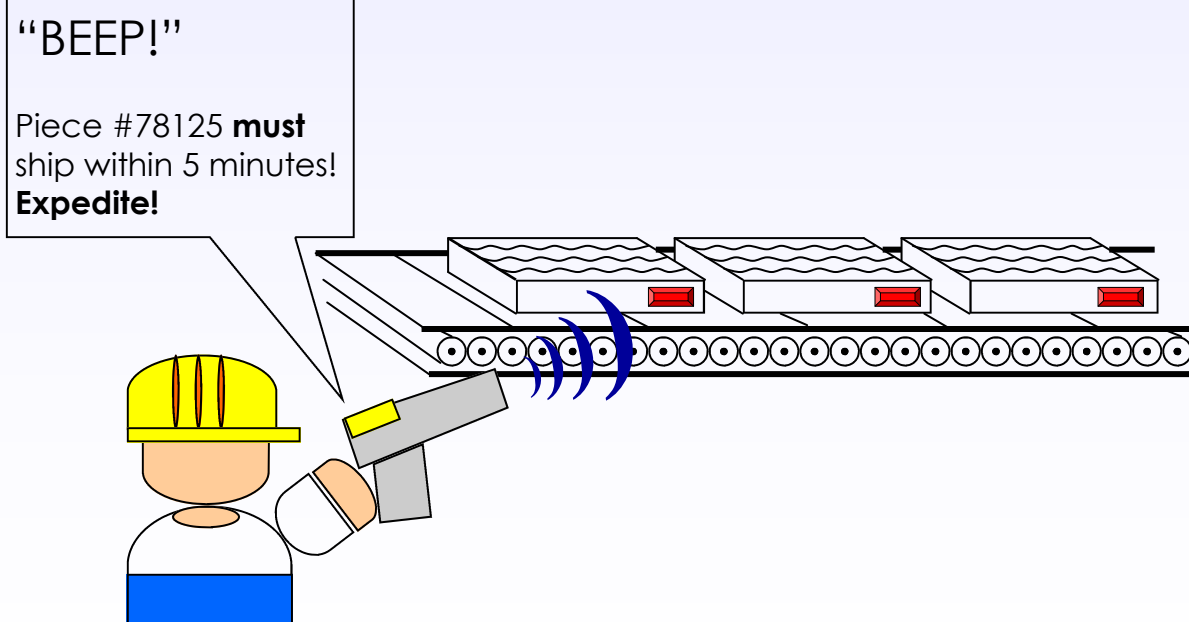
“Let your mattresses tell you where they are”

What is RFID?

Radio-Frequency Identification, or RFID, is a technology that uses **small tags to uniquely identify objects**—i.e. mattresses and bases—and to automatically relay their location to a software system. Though similar to bar codes, they have the following important advantages:

- **100% scan rate** without human intervention
- Hundreds of tags can be scanned simultaneously (e.g. a pile of sewn borders)
- Tags don't have to be visible, so can be **scanned through packaging**

The paper-thin RFID Tags are embedded right in the Law Label of the mattress, and are encoded with the serial number of the mattress at the same time as the Law Label is printed. The embedded tag is then used to track the mattress throughout the manufacturing process, ultimately ensuring **correct and timely shipping**.

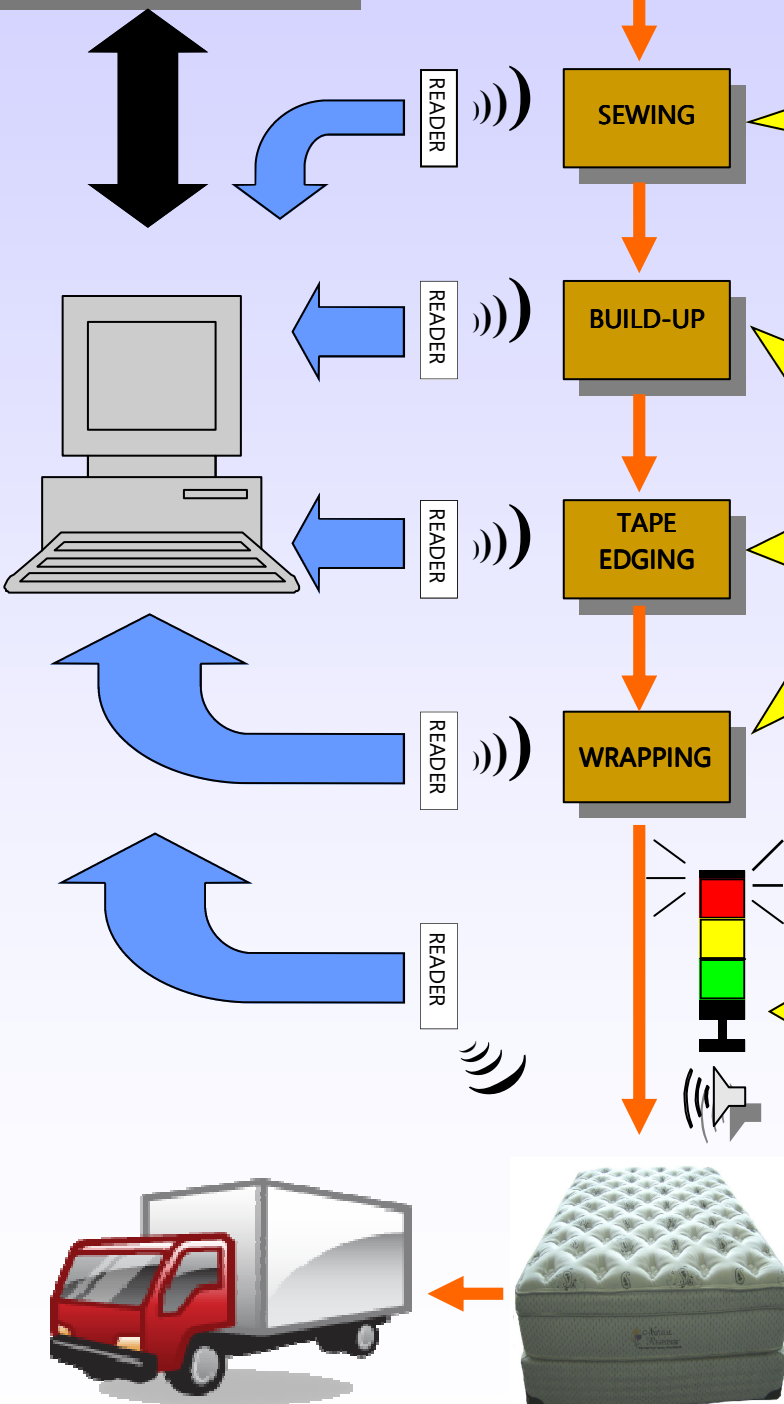


**RFID gives you total visibility throughout your manufacturing plant.
It makes shipping errors a thing of the past.**

Integration with your existing **Production Control Software** gives precise and up-to-date information on location and production / shipping status.



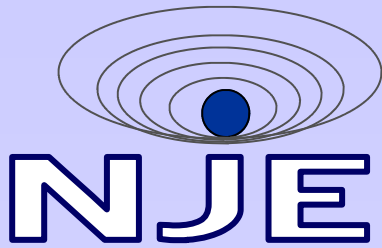
RFID-enabled Law Label printer with label-stock containing paper-thin RFID "inlay" prints each ticket. As tickets are printed, the RFID inlays are automatically encoded with the mattress or base serial number.



RFID-enabled Law Label is **sewn into the mattress** or base in usual manner.

As pieces (mattresses or bases) pass various key points in the factory, e.g. sewing, build-up, tape edging, wrapping, etc., **stationary RFID readers automatically scan each piece**, updating the location status of each piece in your Production Control Software, giving you precise visibility of your Work In Process (WIP) inventory, and thus, production status. **Scanning is fully automatic and 100% accurate.** No human intervention is required.

At the Loading Bay Door, **signal lights and buzzer trigger immediately** if worker attempts to load an incorrect piece onto a truck, thus **eliminating shipping errors!** A computerized display over the bay door can display the current load list and automatically update it as pieces are loaded, thus expediting the entire loading process. Once loading is complete, **details of the load are automatically synchronized** with your Production Control Software, ensuring 100% consistency between actual shipment and your records.



Consulting Inc.

NJE Consulting is the **World Leader** in the application of **Radio-Frequency Identification (RFID) technology to the bedding industry**. Providing complete solutions that include system installation, integration, and on-going support, we take the latest advances in this exciting tracking technology and apply them to directly benefit your mattress manufacturing business.

Contact Us

VANCOUVER

12231 Barnes Drive
Richmond, BC
V6V 1H7

PHONE: 604-295-0519
FAX: 1-866-670-1320
EMAIL: info@nje.ca

www.nje.ca/bedding