

# USER GUIDE

## Factbird® Barcode Solution - Stop Cause Registration

### Stop cause registration

**Stop cause registration** - Scanning a barcode automatically registers the associated stop cause in the Factbird cloud software.

# 1

## Prepare a list of barcodes associated with stop causes

- Prepare and print out a stop cause list that will be placed by the barcode scanner.
  - Template is available by Factbird in a separate Word document.
  - New barcodes can be generated for free from a websites e.g. <https://barcode.tec-it.com/en/>

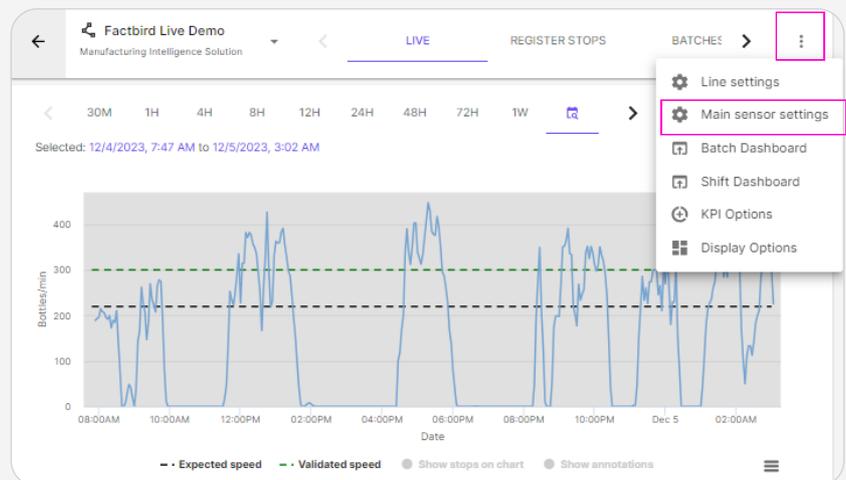
Material Storage Waiting for Forklift	 (97)00001
Machine Setup Press/Die Adjustment	 (97)00002
Break Paid lunch	 (97)00003
Break Scheduled Break	 (97)00004
Product ChangeOver Coil change	 (97)00005
Product ChangeOver Die Change	 (97)00006
Product ChangeOver Scrap/Parts Changeout (*Changing Bins)	 (97)00007

Print out a stop cause list

# 2

## Configure Stop Mapping in Factbird software

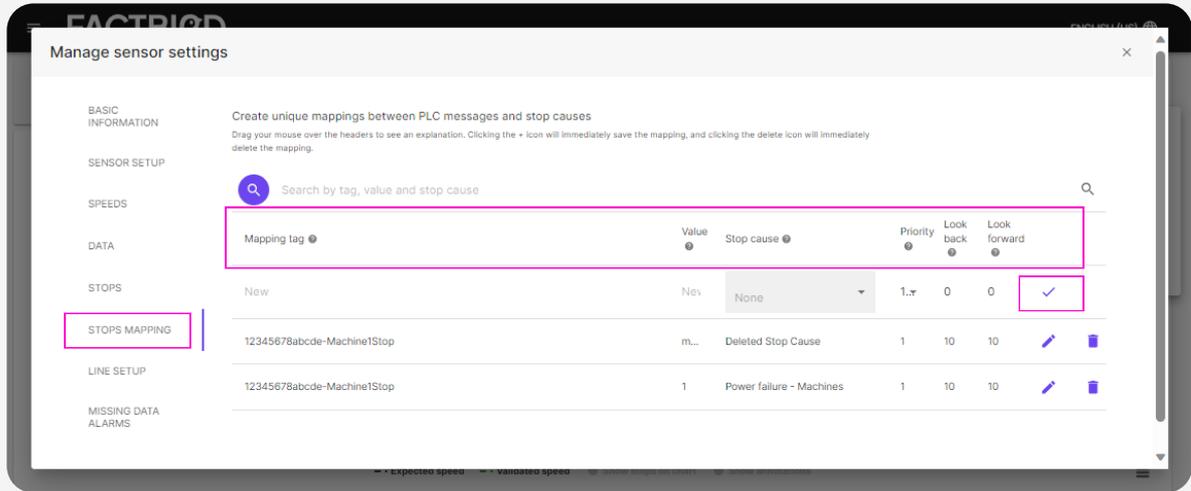
- Log in to Factbird Software and go to your line.
- Click the three dots, “Main sensor settings”.



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- Go to "STOPS MAPPING" tab

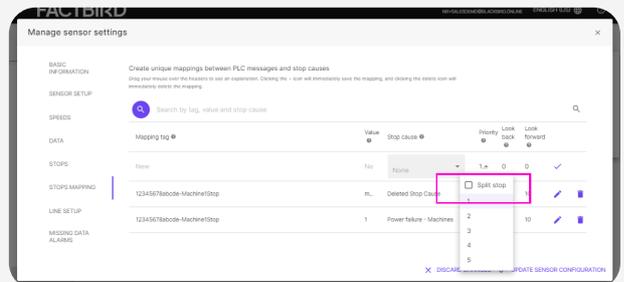


1. In "Mapping tag", type the tag name provided by Factbird. e.g. <uuid>-]C1 where uuid is the id of the device and C1 is the type of barcode to be send.
2. Set "Value" to the barcode value you have printed out for a given stop cause. e.g. 9700001
3. In the "Stop cause" drop down, find and select the stop cause you want to apply when the barcode is scanned. (If you have not created stop causes, please first create stop causes on "REGISTER STOPS" page in the Factbird software.)
4. In the "Priority", default is 1 on all. This means there is no priority on some stop causes over others. If you choose to set a stop cause priority higher than 1, this stop cause will overwrite the existing registered stop cause.
5. Look back/Look forward: when a barcode is scanned, the Factbird system looks for stops within the range of the value. e.g. in case "Look back" is set 30, within 30 seconds after the line/machine restarts, the stop needs to be registered by scanning a barcode. If there is no stop in the past 30 seconds, the scanned stop cause will be discarded.
6. Finally press the check mark (✓) to save the configuration for your first barcode.
7. Perform the above actions for each new barcode you want to trigger stop causes with.

### Splitting stops:

#### "Split stop" in "Priority" drop down:

By default, only the first barcode scanned will be applied to the stop (unless a higher priority stop is scanned). When "Split Stop" is activated, scanning that stop cause will instead divide the ongoing stop and apply this new stop cause to the remaining duration of the stop.



Example of splitting a stop: an ongoing stop is registered as "cleaning," and now the second cause, "lunch break," needs to be registered.

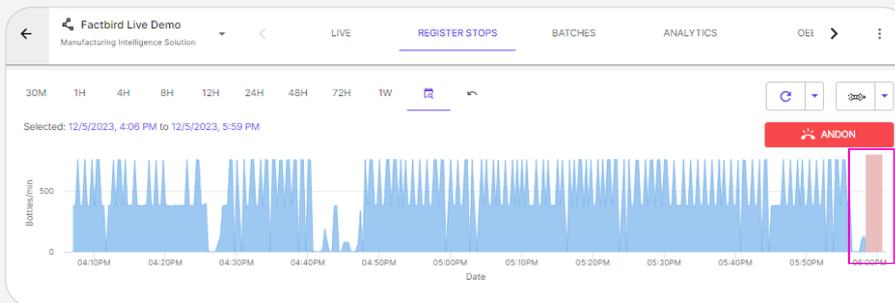
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### 3

#### Start using the barcode scanner to register stop causes

- When a stop is detected by Factbird, scan a barcode associated with a stop cause to register the stop cause.



#### Reference

- Editing a registered stop (incorrectly registered or missed due to not being scanned within the defined time threshold) can be manually corrected in the Factbird software. It cannot be rectified using barcode scanning.