# FACTBIRD

## USER GUIDE | Cloud Application
for operators

factbird.com
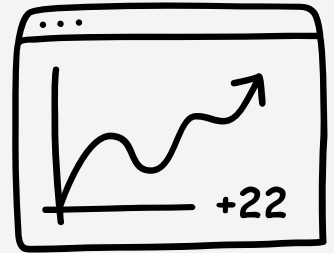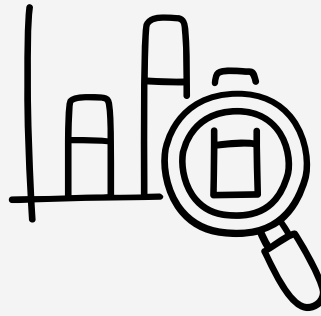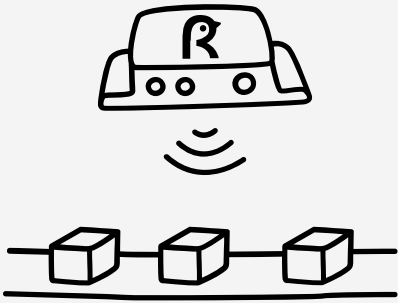
# Monitoring live data

## 1 Live page

1. Click on **"Lines"** from the menu.
2. Choose the desired line.
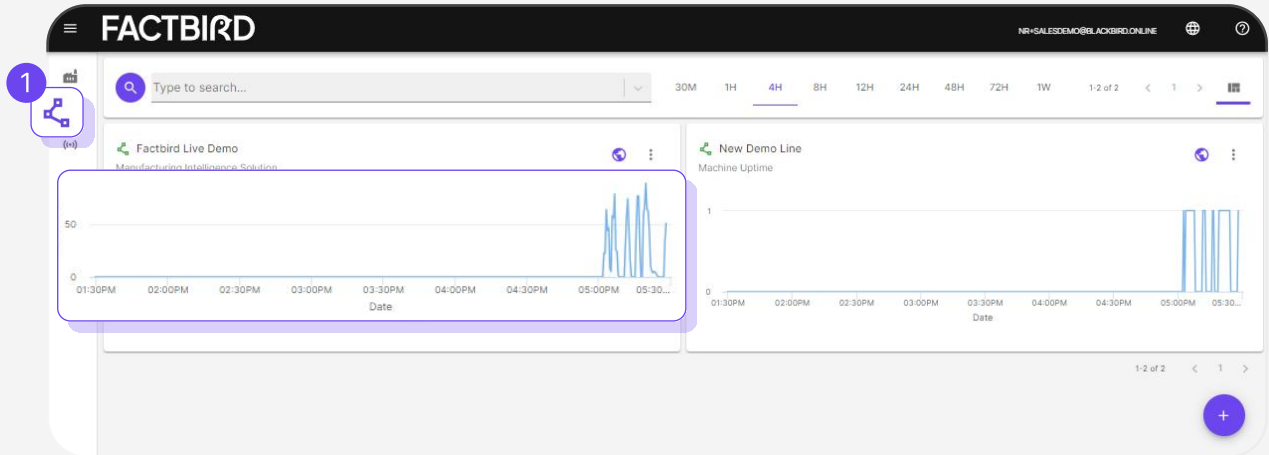


## 2 Monitor live flow and KPIs

1. Choose a time range, such as "Last 24 hours", "1 week", or "Morning Shift" (click the calendar icon for more presets).
2. Zoom in on the live graph by dragging and dropping.
3. View various KPIs below the live graph. KPIs are dynamic and automatically calculated based on the selected time range.
4. Hover over the **"?"** mark on each KPI for more information.
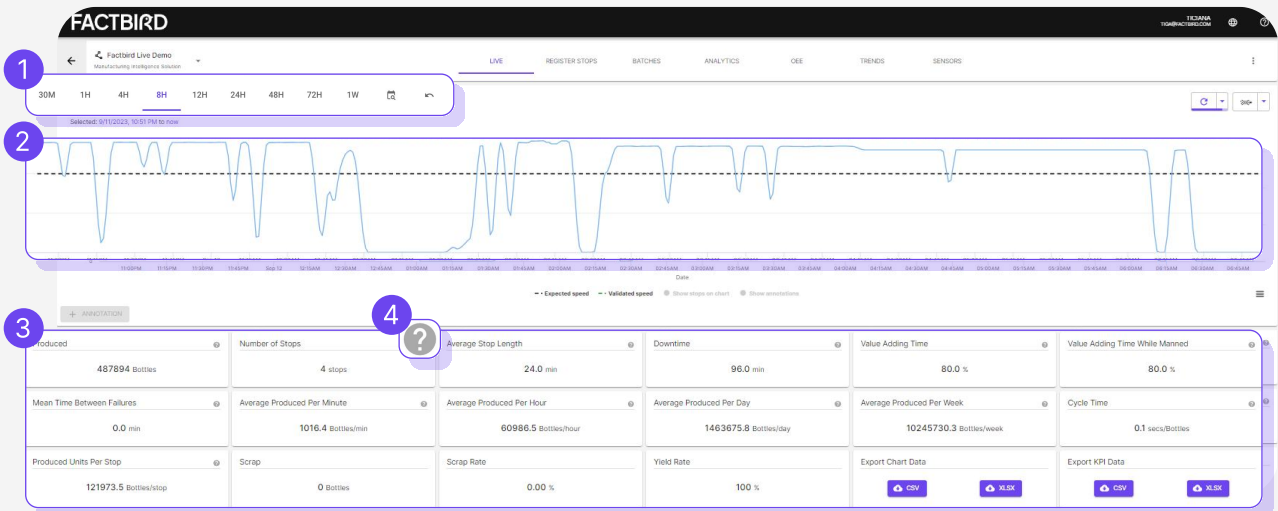


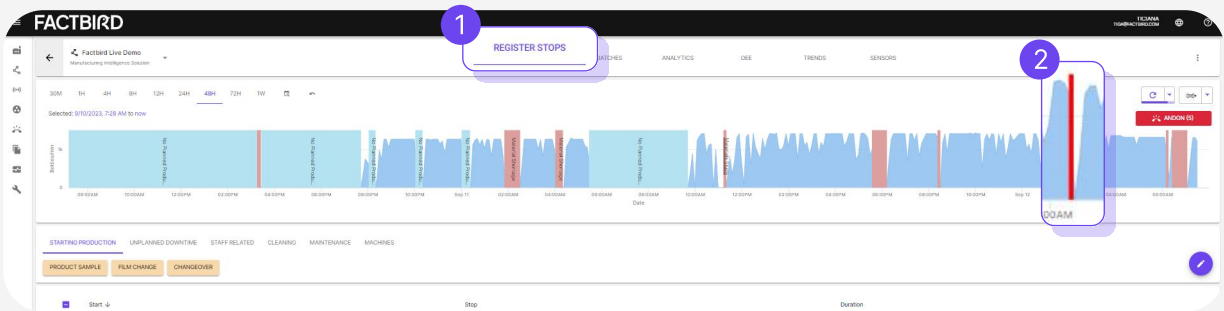- Real time production output: X axis  - time,  Y axis - volume

# Registering causes on detected stops

## 1

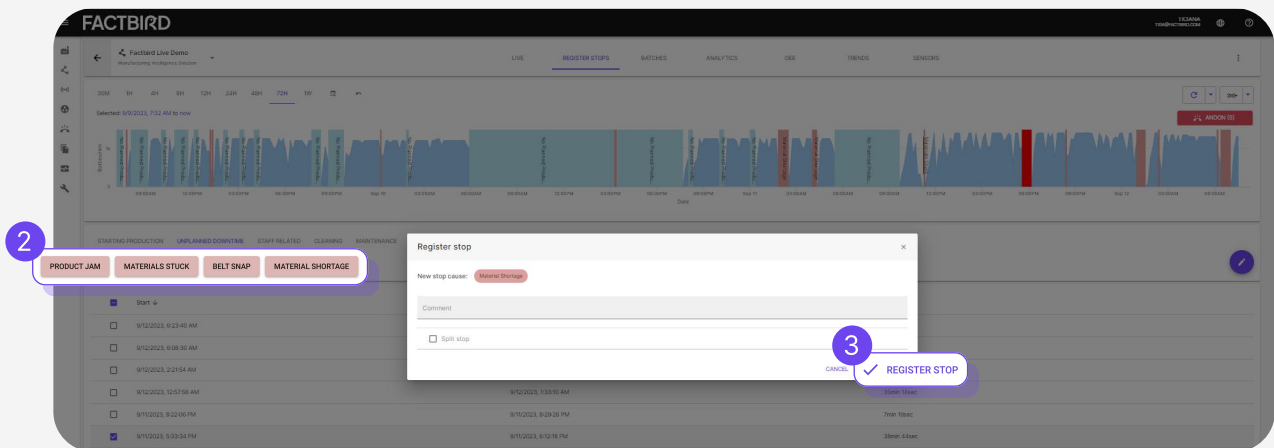### Select unregistered downtime (indicated by a red bar with no text)

1. Navigate to your desired line then click the **"REGISTER STOPS"** tab.
2. Select downtime by clicking the red bar.



## 2

### Select a downtime reason and complete registration

1. Navigate the categories just below the graph, then choose the correct downtime reason
2. Click **"REGISTER STOP"**

# Downtime analytics

**1**

## Downtime analytics

1. Navigate to your desired line then click the **"ANALYTICS"** tab.
2. Select a time range e.g. last 24 hours, morning shift etc..
3. Select a chart type.
4. Click on a bar to see the breakdown.
5. Click a column to sort the list of stops. e.g. Duration to see the longest stops.
6. Filter stops as required.



*Hourly count chart: Shows analytics and issues for each hour*
*Scatter plot: Shows how frequently issues are progressing*
*Scrap reasons: Shows a distribution chart of scrap reasons*

# OEE analytics

## 2

### Overall Equipment Efficiency (OEE) analytics

1. Navigate to your desired line then click the **"OEE"** tab
2. Select a time range e.g. last 24 hours, morning shift etc..
3. Filtering by product in the search field provides SKU specific OEE.



OEE result VS target

OEE waterfall chart
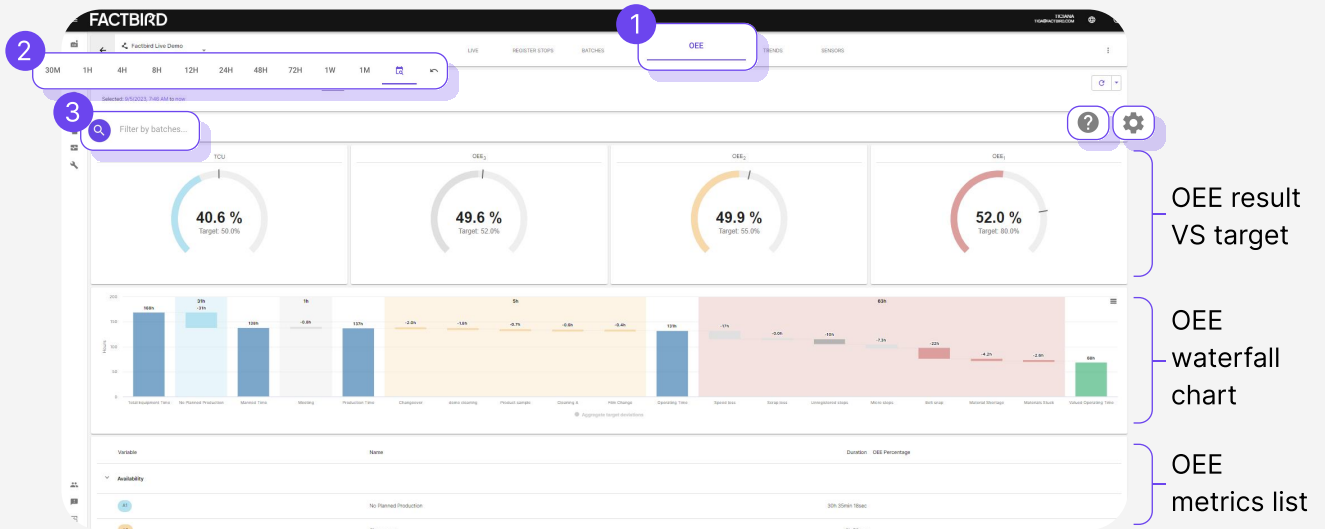
OEE metrics list

- *The gear icon* ⚙ *allows to type in OEE targets on OEE meters.*
- *The "?"* ❓ *shows how various OEE metrics are calculated in the Factbird system.*
- *Scrap is calculated automatically as quality loss. Scrap sensor can be set up on* ***"Line Settings".***

For more information on calculating OEE, please visit our website.

OEE complete guide is available here.

# KPI trend analytics

## 3

### Trend of Key Performance Indicators (KPIs)

1. Navigate to your desired line then click the **"TRENDS"** tab or any KPI on "LIVE" page.
2. Choose a KPI you want to see over time by clicking on **"selected statistic"** e.g. OEE, produced, downtime.
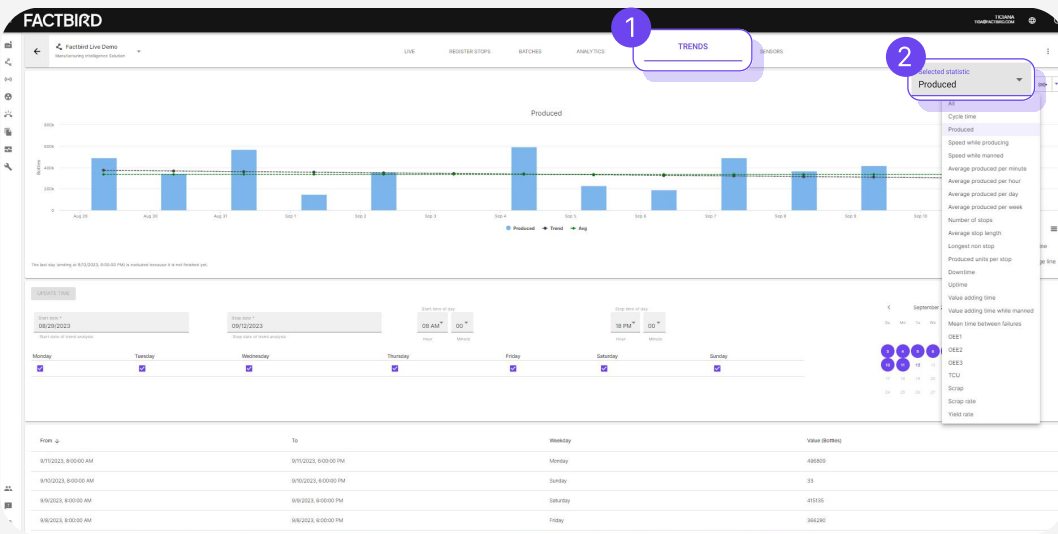


Transition of KPI over time

Filter time intervals e.g. last 2 weeks, Monday to Friday etc.

Choosing **"All"** allows analysing correlation between KPIs.
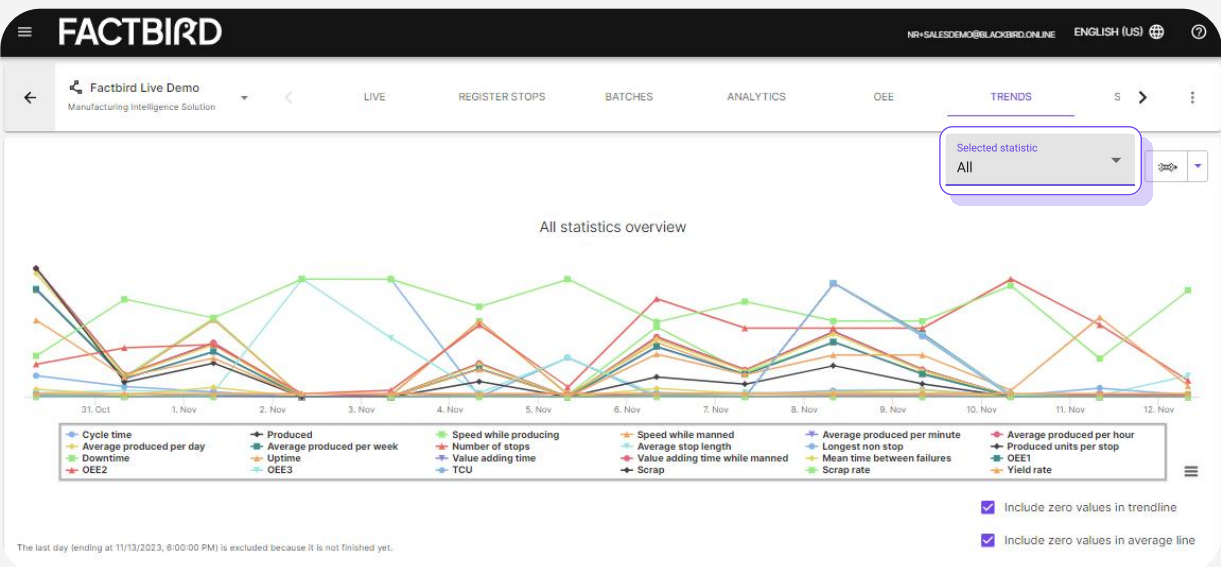
# Creating products

**What is a batch?**
PO or a work order of a product with planned production amount.

## 1 Create products

1. Navigate to your desired line then click the **"BATCHES"** tab
2. Click **"+"** to:
- **"Manage packagings"**: Unit of products such as pcs, bottles, can, boxes. Pcs is default.
3. Click **"Manage products"**
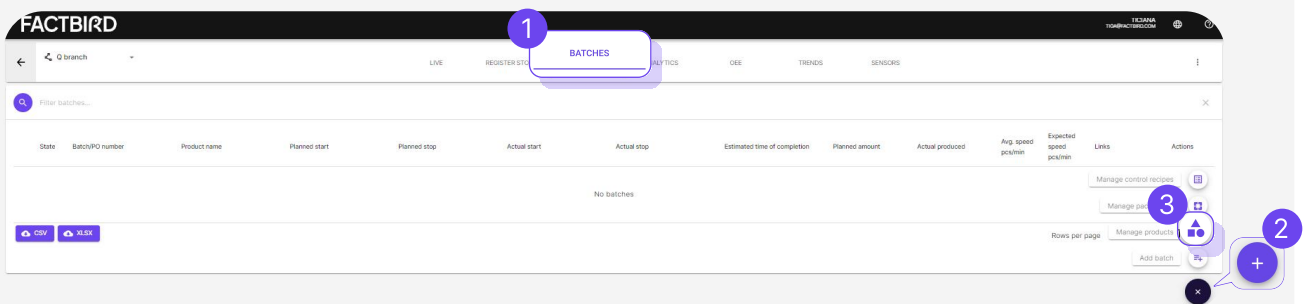


4. Click **'"ADD PRODUCT"** and fill in the required fields
5. Click **"CREATE PRODUCT"**
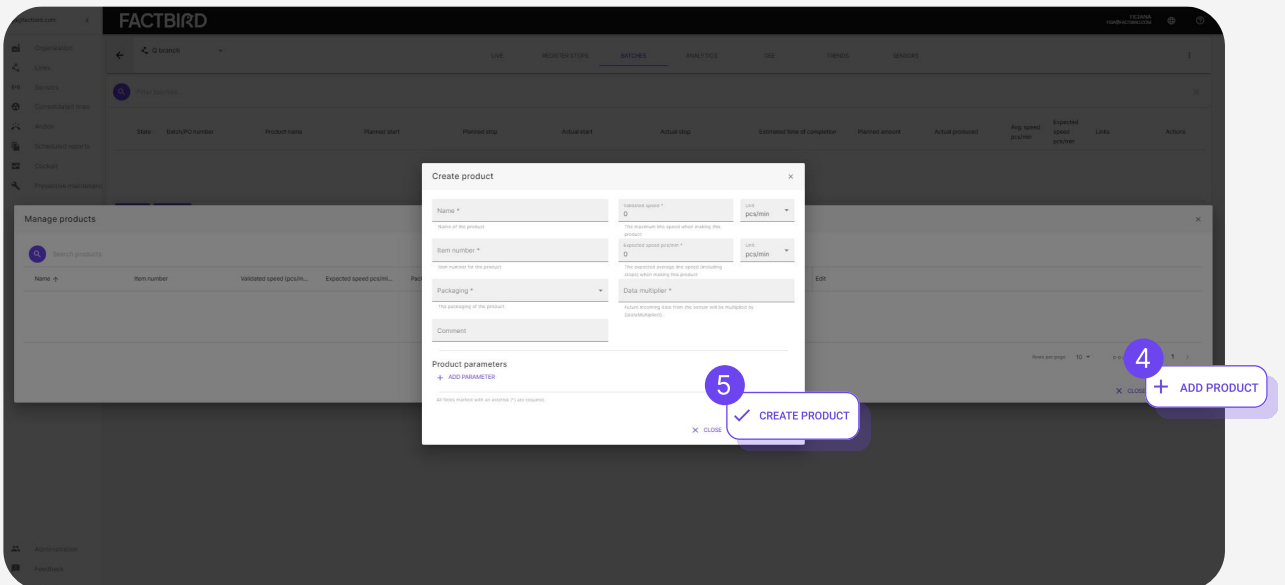
# Creating batches

# 2

## Create batches

1. Click the **"+"** icon and click on **"Add batch"**
2. Select the product from the dropdown menu and fill in the required fields
3. Once done, click on **"CREATE BATCH"**



Created batches can be viewed on the list of batches.

## Starting and stopping batches

**3**

### Run a batch

1. Click the play icon to start a batch
2. Click **"CONFIRM"** on the pop-up window.
   The batch turns green = currently running batch



Use the search bar to find batches by keywords

### Stop a batch

1. A currently running batch is shown in green. Click on the stop icon to stop the batch.
2. Click "**CONFIRM**" on the pop-up window.
   The batch turns grey = completed batch

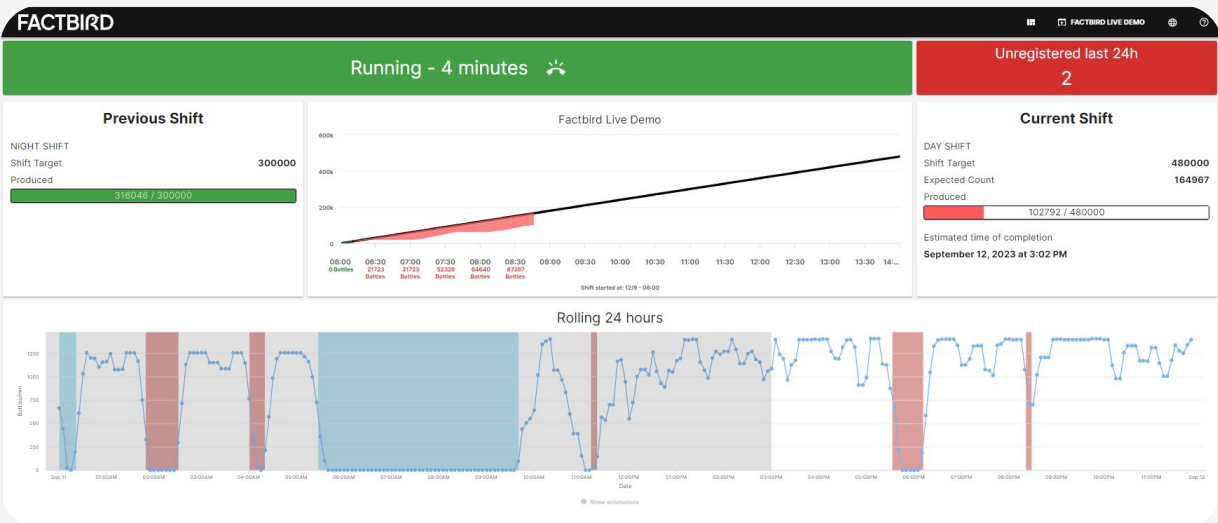# Visualizing real time batch progress

## 4 Visualize real time batch progress against batch target

1. Click on the three dots on the main navigation menu.
2. Click on **"Batch Dashboard"**



When you have a running batch (in green), the **"Batch Dashboard"** updates to reflect the current status and progress according to the batch specifications.



## Display Dashboard on a flat screen