SONY
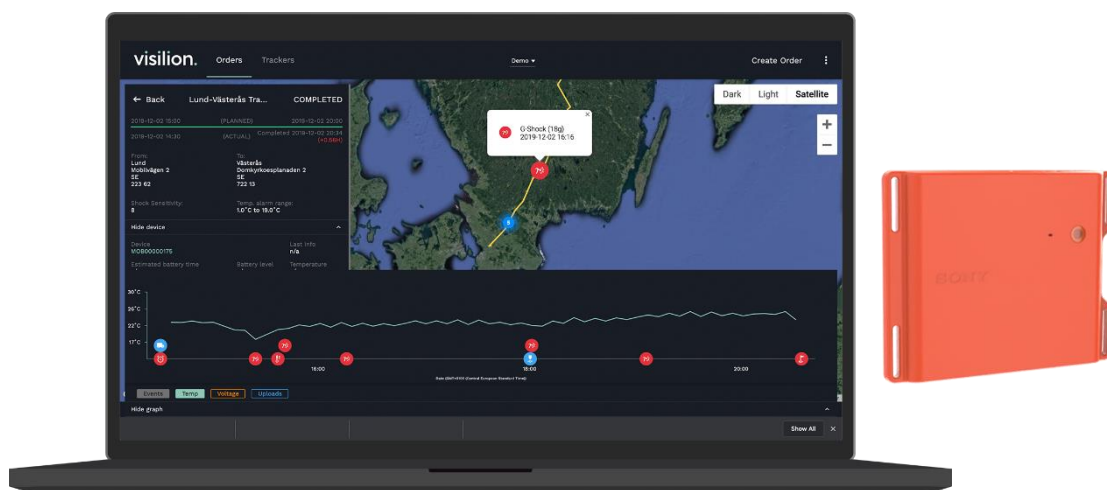
Get to know Visilion

Visilion keeps track of your goods in transit. It tells you where they are at any given moment, if they are being handled correctly, and whether or not they will be delivered on time.

With automatic notifications relating to departure and arrival, late delivery, positioning, temperature, and shock & tilt detection, Visilion tells you everything you need to know about what's happening in the transport chain.

Let's get started!

visilion.

Table of Contents

TRACKERS

ORDERS

Login in for the first time

You will receive an email inviting you to sign in. If you don't receive an email, please get in touch and we will help you.

o Select ''Create account'' and add your name, user name, email and password.

o Press ''Create account''.

o You will receive a confirmation email with a verification code. Insert the code into the prompt and confirm your email.

You now have an account and you will be signed in for the first time.
Please note that it is important that you keep the same browser open during this full sequence with creating account and entering verification code. Also note that Chrome is the browser that is supported.
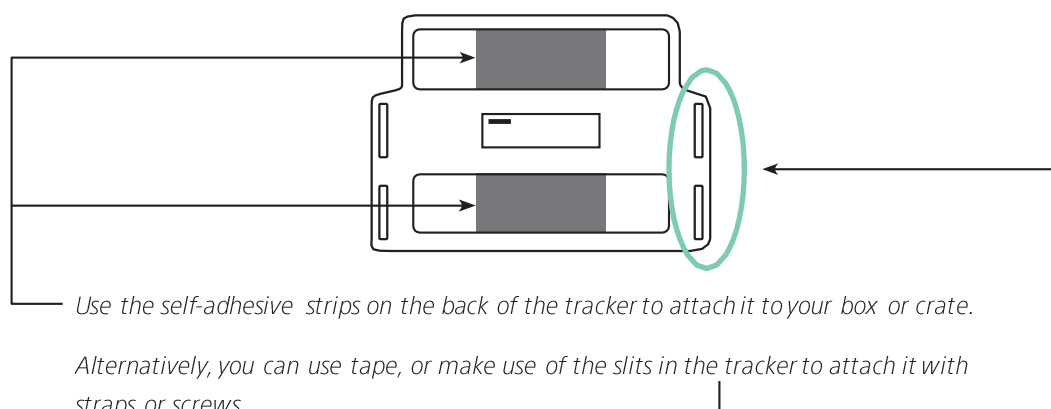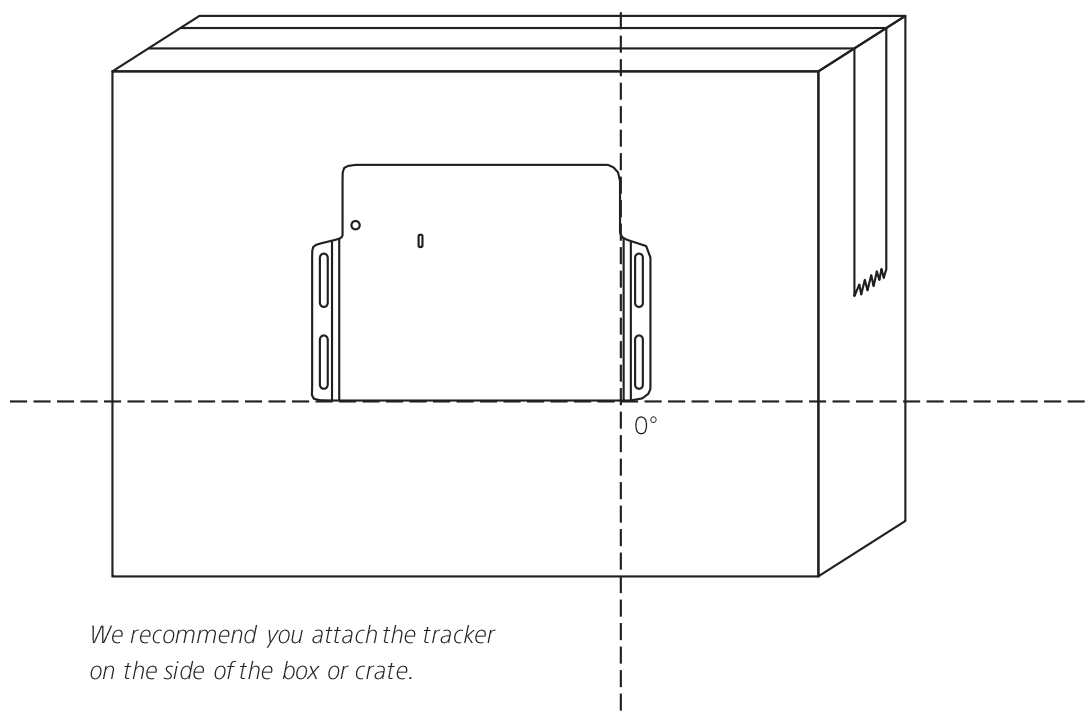
Trackers

Visilion is based on trackers with cellular connectivity (LTE Cat M1 and GSM/E- GPRS). The system includes GPS for position data, sensors for temperature, shock & tilt detection, a backend with cloud services and a web application (UI). The tracker continuously gathers and uploads data, which is then displayed in the web application. If GPS positioning is not possible due to bad conditions (for example, the tracker being inside a building) network positioning will be activated instead. Your data subscription is included in the Visilion service subscription.

Mounting the trackers

There are several easy ways to attach the trackers to your goods (see illustration below). In general, we recommend that you attach the tracker to the side of your box or crate.

This is especially important if you plan to use the tilt alert function. The tracker must be mounted on the side of your package and horizontally aligned for 0-degree tilt orientation.

We recommend you attach the tracker on the side of the box or crate.

Use the self-adhesive strips on the back of the tracker to attach it to your box or crate.

Alternatively, you can use tape, or make use of the slits in the tracker to attach it with straps or screws.
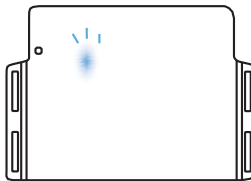
Tracker light and button functions

Charging status

o   Yellow light -> Charging

o   Green light -> Finished charging
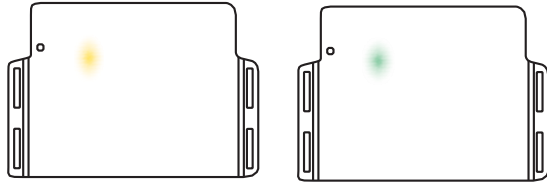
Check battery level

o   Double-click button

o   1 blue flash -> 0-25 %

o   2 blue flashes -> 25-50 %

o   3 blue flashes -> 50-75 %
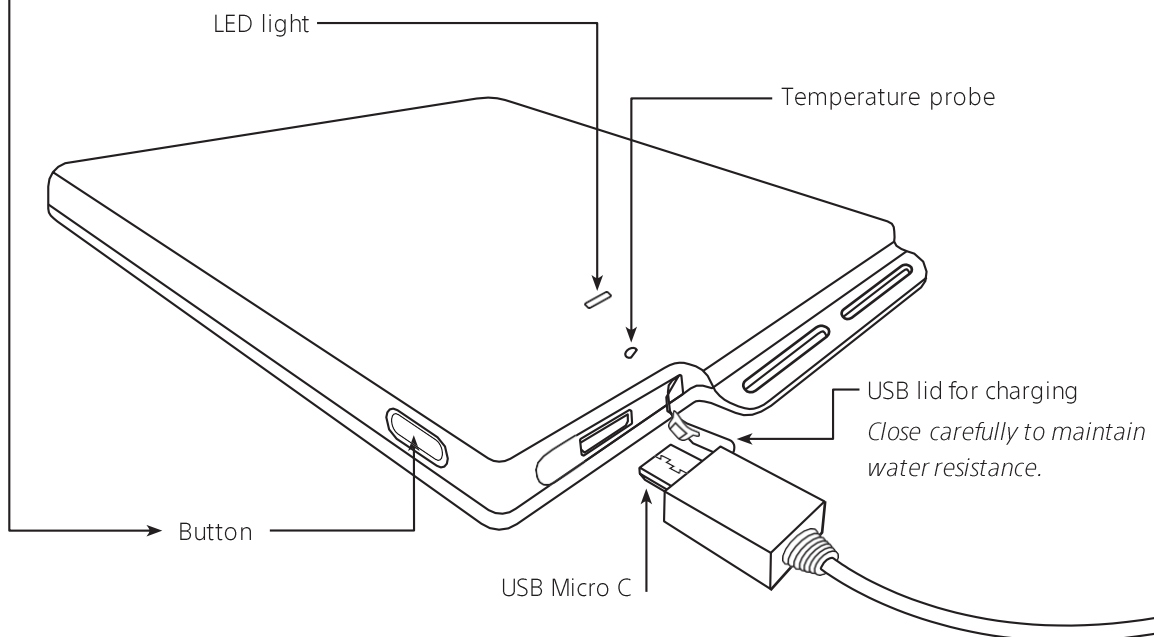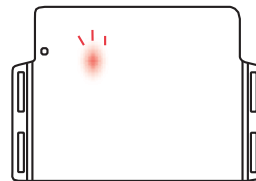
o   4 blue flashes-> 75-100 %

Reset and enable RF (flight mode disabled)

·   o   Press and hold button down for at least 10 seconds
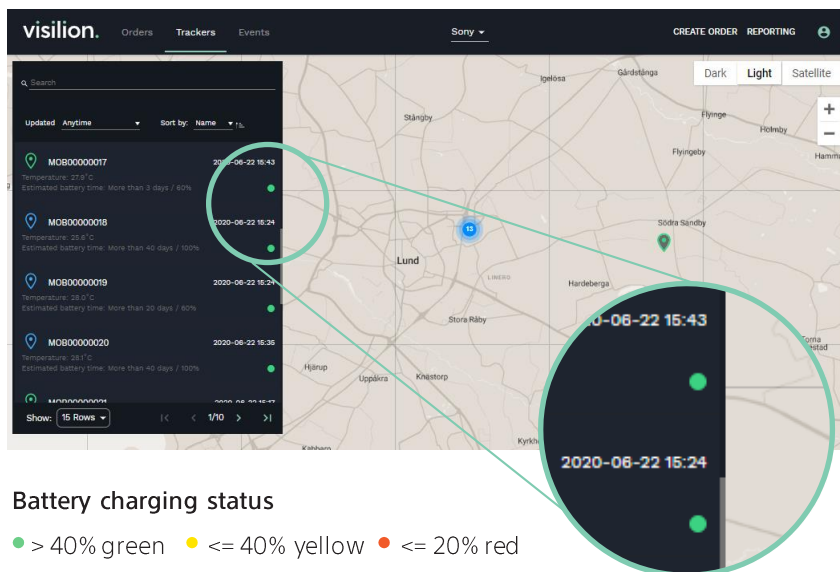
o   2 green flashes during boot-up

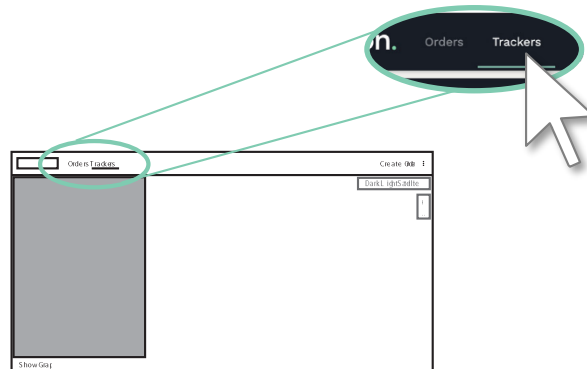**Disable RF for flight mode**

·   o   Press and hold button down for 2-5 seconds

o   2 red flashes to show RF disabled

LED light

Temperature probe

USB lid for charging
Close carefully to maintain water resistance.

Button

USB Micro C

Tracker view in the UI

Press ''Trackers'' to get a list view on the left.

Battery charging status

● > 40% green   ● <= 40% yellow   ● <= 20% red

 If several orders or events are very close to one another, you will see a cluster icon on the map. Zoom in and click on this icon to see the different orders and events separately.

Tracker status

The status of the tracker is displayed with an icon

|			
	Green icon	–	The tracker is online (i.e. has connected recently) and has GPS coverage.
	Blue icon	–	The tracker is online without GPS coverage.
	Red icon	–	The tracker is offline (i.e. not connected recently).
	Filled icon	–	The tracker is included in an ongoing order.
	Storage mode icon	–	The tracker is in storage mode.

Filtering and sorting

Filtering and sorting options are shown in the two input fields above the tracker list. These provide information on which trackers have recently been connected and can also be used to search for a specific tracker.
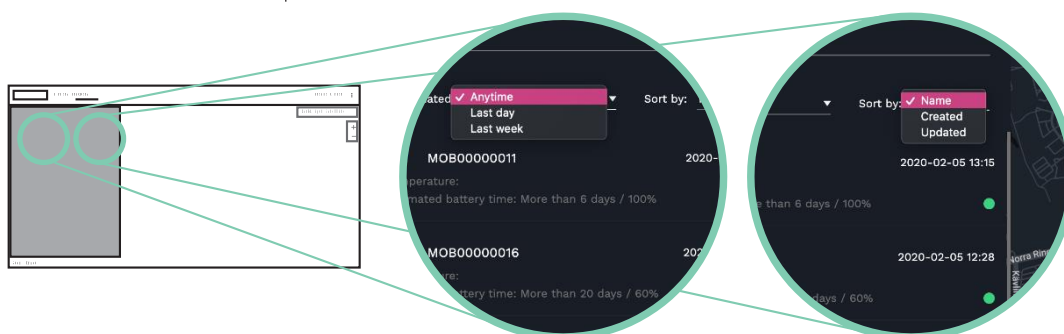

Organisation selector

Operations in the Visilion platform, are always connected to a specific organisation or company. If managing several different organisations or companies, you can switch between them by selecting a different option in the drop-down menu — see top bar of UI.

Tracker details

To get more information about a specific tracker, select it from the tracker list.
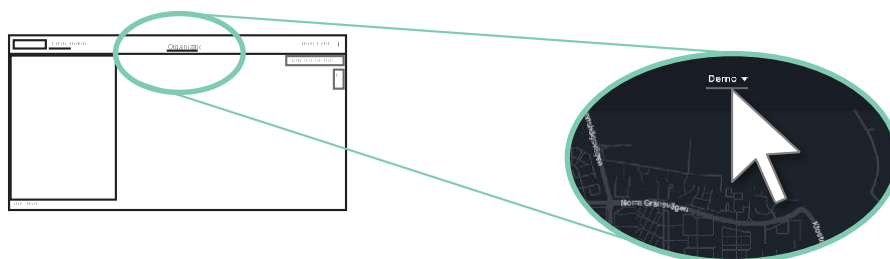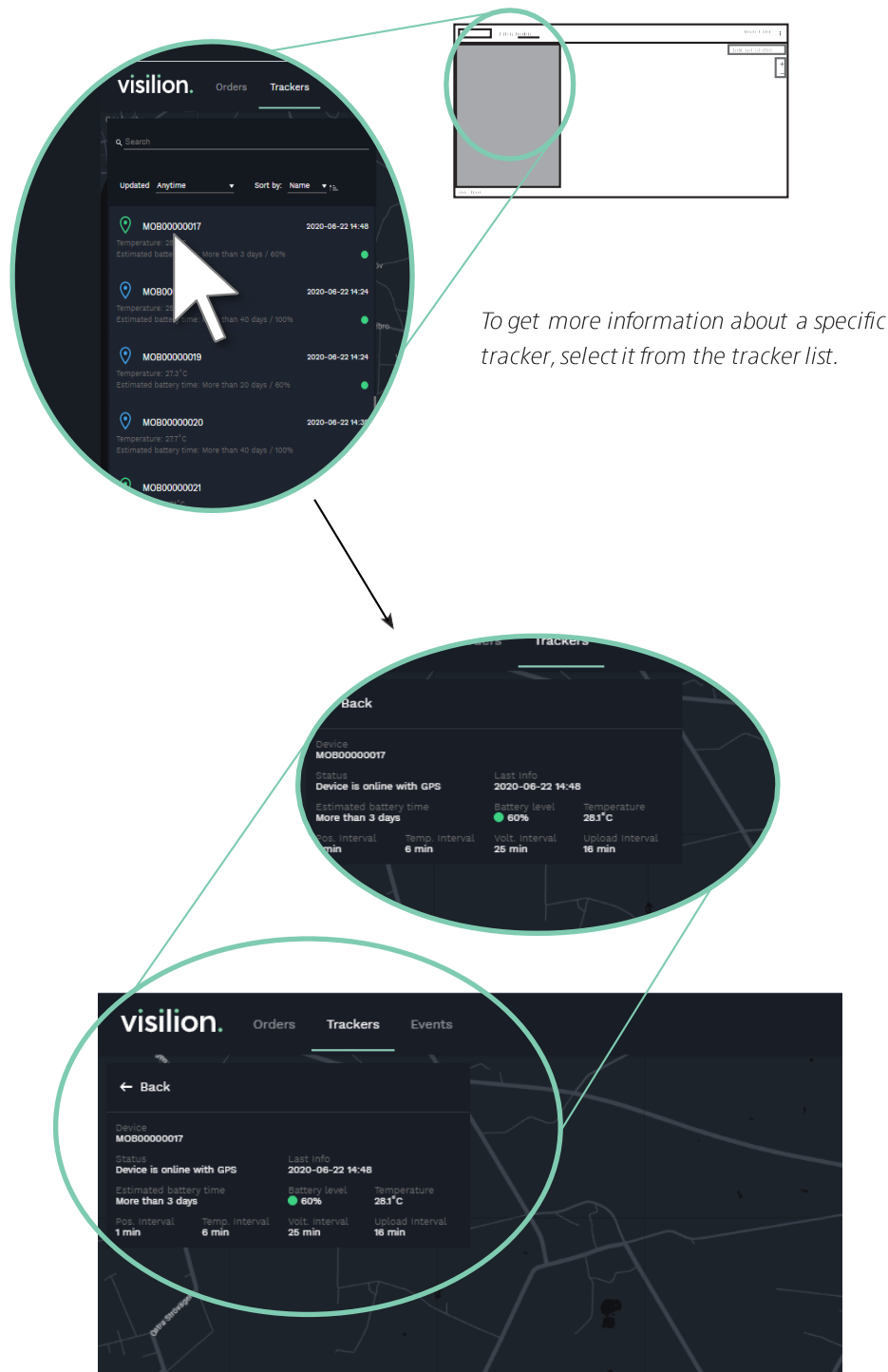
Device information

Device

Each tracker has a device ID. See the sticker on the back of the tracker.

Status

Current tracker status. See previous section on tracker status.

Latest info

This shows when the tracker was last connected to the Visilion platform.

Temperature

The latest temperature reading from the tracker.

Battery info

Estimated remaining battery time and battery level according to the latest reading from the tracker.

● > 40% green   ● <= 40% yellow   ● <= 20% red

Interval fields

The current frequency with which temperature, position, battery voltage are measured and how often data is uploaded.

Positions

The position of the tracker is continuously updated and shown on the map, along with historic data showing where the tracker has been.

Each position is displayed as a black dot in a white circle. If you hover over one of these dots, you will get a snapshot of the sensor data from that time and see if it is a GPS or cellular network positioning. Under normal outdoor conditions you should get a GPS positioning. However, that may not always be possible due to bad weather conditions or the tracker being inside a building, in which case network positioning is activated instead. GPS gives best precision, typically within 10m in good conditions.

Lines are drawn automatically between the position dots.
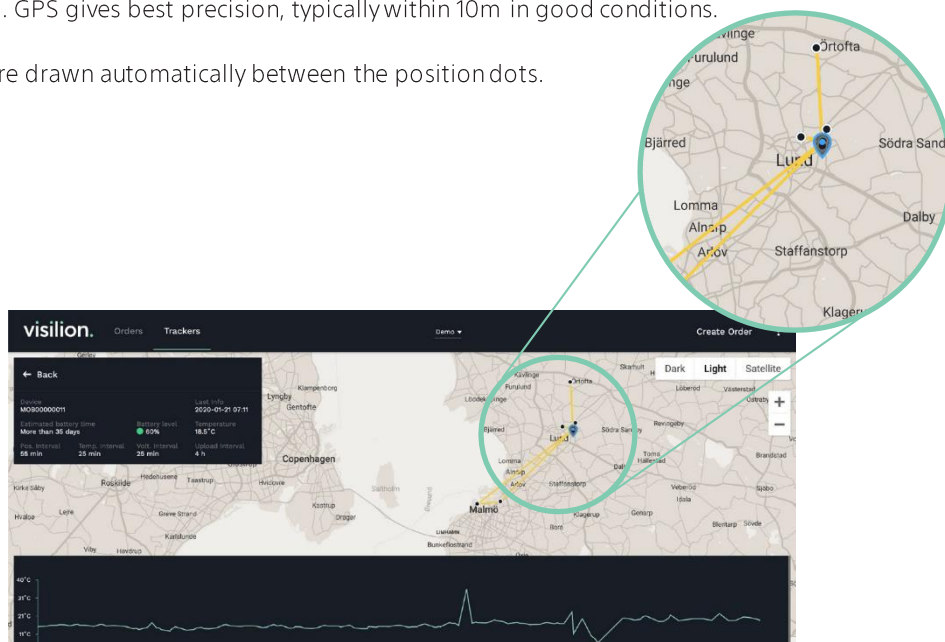
Sensor data graph

To see the sensor data graph, click the bottom pane of the user interface. The graph contains sensor data from the tracker and events. Click the buttons at the bottom of the pane to select the data you want to see. The following information is available:

Temperature

The temperature data over time.

**Battery voltage**

The battery voltage level over time.

Uploads

See when the tracker has been connected to Visilion and when data has been uploaded.

Slider

At the bottom of the screen, you'll see a time slider. Use this to decide the period of time for which you would like data to be displayed.

When you hover the mouse over the graph, a white circle will appear on the map. This tells you where your goods were when the measurement was taken.
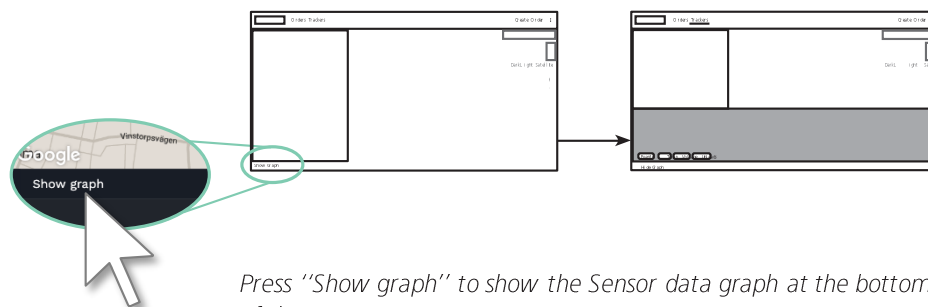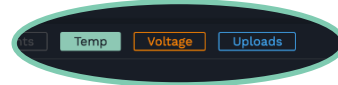
Press ''Show graph'' to show the Sensor data graph at the bottom of the page.
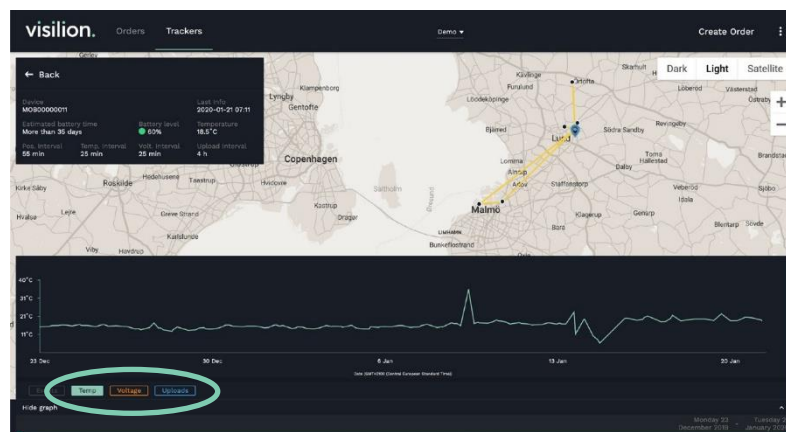
Tracker sensor data & position acquisition

The tracker samples sensor data and positions at regular intervals. The time interval for your various sensors and GPS positions can be set independently of one another. Choose the frequency that best suits your order.

You can select the desired settings while creating each order. The default settings (to be used when the tracker isn't in an order) are managed in the tracker's hardware configuration view, found under Organisation Settings for your devices.

If the tracker is not going to be used for a longer time it can be set in Storage Mode, which is a low power configuration to save battery. A charged tracker in Storage Mode can have over a year of battery life.

We have the following pre-defined configurations:

Interval	Sensor Interval	GPS Position Interval	Upload Interval	Meaning and recommendation	Transport type
Auto	varies	varies	varies	The system automatically selects the best frequency, based on the distance of the shipment. Shock detection is activated automatically.	Road
Intracity	every 6 minutes	every minute	every 16 minutes	Suitable for very short shipments — within a city.	
National	every 6 minutes	every 4 minutes	every 16 minutes	Suitable for nation- wide shipments —within a smaller country	
Continental	every 6 minutes	every 14 minutes	every hour	Suitable for medium length shipments —nationwide in a larger country or geographic region (e.g. Europe).	
Inter-continental	every 25 minutes	every 55 minutes	every 4 hours	Suitable for long shipments - globally	
Rail Inter-continental	every 25 minutes	(Network position every 6 hours)	every 6 hours	Suitable for long train shipments - globally. Typically in a steel container	Rail
Sea Inter-continental	every 25 minutes	(Network position every 6 hours)	every 6 hours	Adapted for radio conditions at sea, so suitable for long sea shipments - globally. Typically in a steel container	Sea
Storage Mode	N/A	(Network position every 12 hours)	every 12 hours	Cannot be set for orders. This option is to extend battery life when the tracker is not in use. Uploads take place every 12 hours and only network positioning is provided (not GPS positioning). Back-off is disabled.	N/A

Back-off algorithm

If there is no connectivity, the tracker may fail to upload data. In this case, the tracker uses a back-off algorithm to save battery. The back-off time can be configured in the admin view. As a default the algorithm uses a back-off method of 4 times the configured interval. When the tracker is being used in an order, no back-off is applied.

Example:

If a tracker has the ''continental'' configuration, it normally attempts to upload data every hour. In our example, this fails since the tracker is down in a cargo hold on a large ship. Having failed to connect, it will wait 4 hours before attempting to connect again.
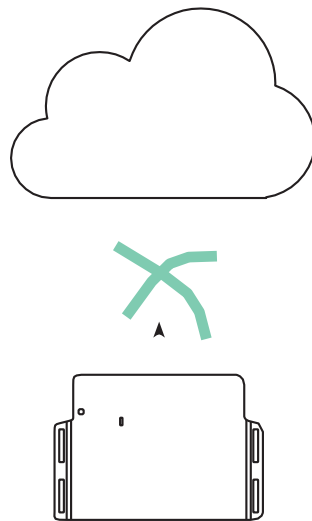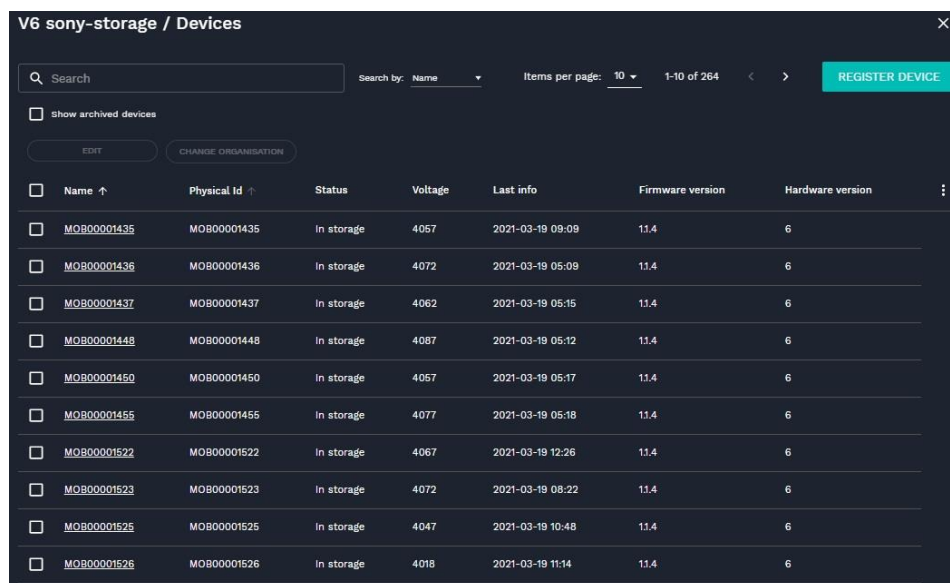
Automatic Flight Mode

The VT-G100 tracker has automatic flight mode capability.

This feature enables the tracker to be used for air freight. Please note that this applies for airlines that has approved the tracker. Please check latest list of approved airlines.

With automatic flight mode detection the trackers shuts off the cellular modem, i.e. the radio communication, when it detect an airplane take-off and later when it detects the landing it turns on the nodem again. The flight detection is always on and there is no additional setup or configuration needed from the user. During the flight sensor data will be captured as specified for the ongoing shipment.

To verify correct HW version of the tracker please check on the device list under organisations settings. There you have the devices and their HW version listed.

The tracker can also be manually set in flight mode. Press and hold button down for 2-5 seconds followed by 2 red flashes to show RF disabled, see previous section for ''Tracker light and button functions''. Also in the case where goods is hand-carrieed onboard an aircraft it is recommended that the tracker is manually set in flight mode before take-off and then at landing turned back on.

Orders

To begin a new shipment, you first create an order in the UI. This consists of a departure address and an arrival address.

It may also include waypoints on the route. Geo-fences are used to automatically detect the departure and arrival of an order, and to detect your defined waypoints. For a typical road transport (longer distance than 10km) the geo-fence radius is 1000m in the normal case when you have GPS positions and 3000m the case you only get network positions. In the case of inter-continental rail and sea transports the geo-fence radius is 5000m.
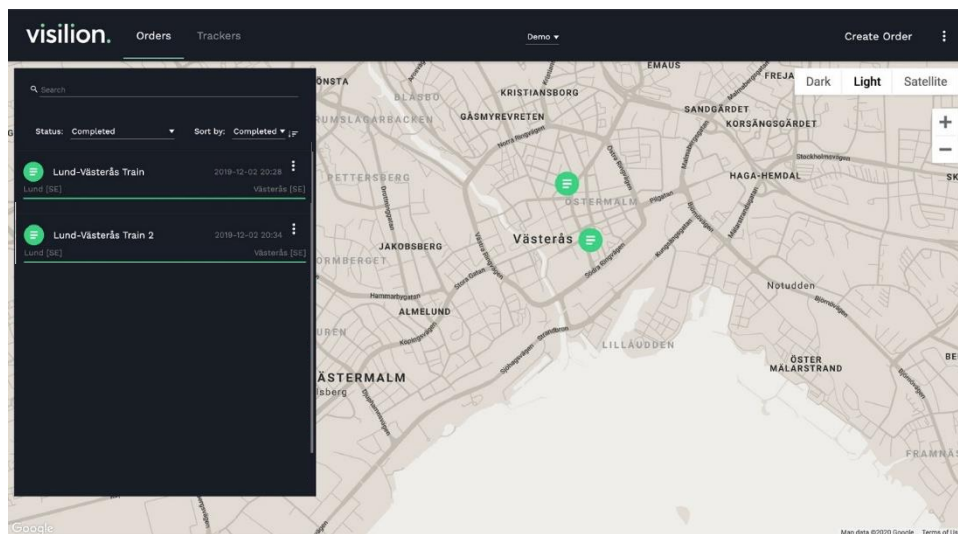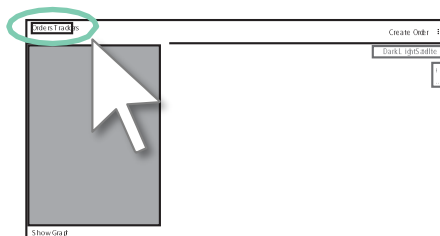
This order list view shows two completed orders.

Orders status

Icons indicate the status of the order:

Grey icon — The goods have not yet left the departure address. The order has not been initiated.

Blue icon — The goods have left the departure address and are in transit. The order is ongoing.

Green icon — The goods have arrived at the arrival address. The order is completed.

Red icon — The order failed to reach the destination address within a certain time frame (which you set in the system when creating the order). The system automatically indicates failed status if the delay exceeds this timeframe.

Progress bar

There is a progress bar for each item on the list. This indicates the progress of the order on its shipping route.

ETA

The estimated arrival time is continuously calculated. If a shipment is delayed and not expected to be delivered within the specified time, alerts are provided.

Filtering and sorting

You will notice a filtering and a sorting option in the two fields above the order list. You can use these to filter your orders by status. There is also a search field into which you can key the ID of a specific order.
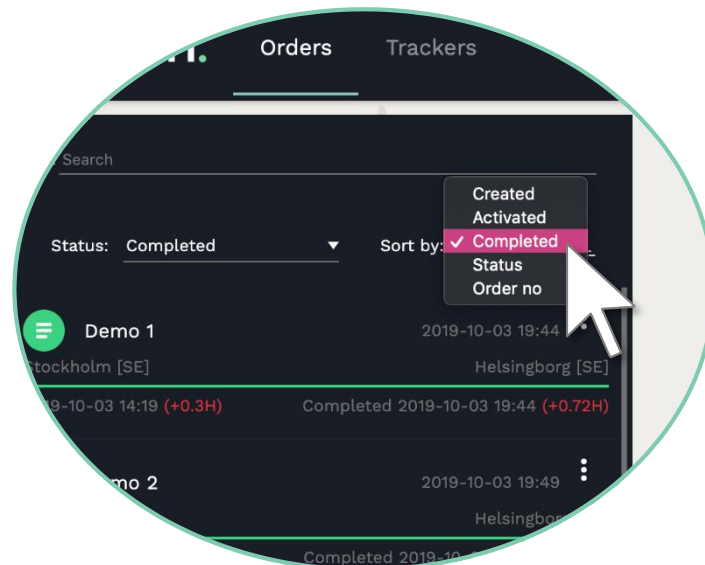
Order details

Click on an order to see more detailed information, and to view the route your order is taking.
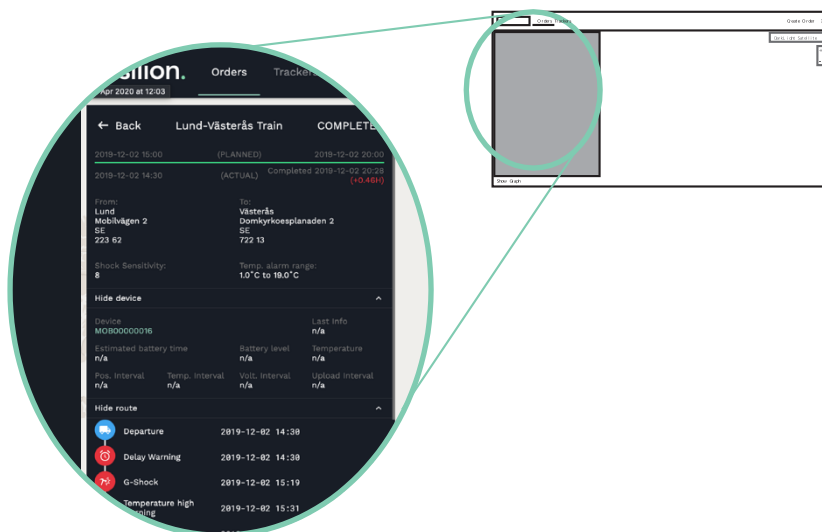
Basic order information

Basic information about the order is shown in the top left section. This includes:

Departure address, arrival address and planned times
These reflect the information you provided when creating the order.

Actual departure time
This information is generated by the system when it detects the departure of the order. How accurate it is depends on the measurement frequency of the order. High frequency (intra-city) gives greater accuracy and vice versa. Early departure will be detected up to 6 hours before planned start time.

Estimated arrival time
This is calculated by the system and re-calculated every time the tracker acquires and uploads new positioning data. If the system detects that the shipment will not reach its destination at the planned arrival time, it triggers an event for delayed arrival.

Event information

Several events can be detected during an order, and they are all visible in the web application. If you want to be notified about certain events by email, select these when creating the order in the web application.

These are the list of events:

Departure
Normal, on time, departure of the order.

Late departure
The order departed later than planned.

Arrival
Normal, on time, arrival of the order.

Late arrival
The order arrived later than planned.

Delay Warning – Late arrival ETA prediction
A delay warning will be issued by the system when the order is deemed unable to reach the destination on time based on the ETA prediction.

Temperature warning
A warning that the temperature is outside the defined temperature range.
You can define the approved temperature range and set this warning when you create the order.

Shock warning
An alarm indicating that the device has been exposed to an impact. You can define the desired sensitivity level for shock detection when you create the order.

Tilt warning
If tilt detection has been enabled in the order, you will get a warning if the device has been tilted more than 45 degrees. All events are displayed on the graph and map.

Light warning
If light warning has been enabled in the order, you will get an alarm indicating if the device has been tilted more than 45 degrees. All events are displayed on the graph and map.

Unscheduled stop

The shipment has experienced an unplanned stop. For road transports based on the unscheduled stop threshold in the organisation settings. Rail and sea transports with a 12 hour threshold.

Stop warning

For sea and rail transports if stop warning has been enabled. Warning is triggered if the stop exceeds the time limit set for the order.

Waypoint

Notification of arrival at a waypoint.

Missed waypoint

Notification that a waypoint arrival has been missed.

Arrival at timed waypoint

Notification of arrival at a timed waypoint.

Late arrival for timed waypoint

Map

The map is continuously updated while your cargo is in transit. Events are displayed at the geographic location where they happened.

The following information is shown on the map:

Positions

A line connects the positions of the shipment. For individual tracker positions, go to the tracker detail view.

Events

Events are shown at the location where they took place, with the exception of temperature, shock and tilt events. Since these are not related to an exact GPS position, a best approximation of the position is shown.

Clusters

If several orders or events are very close to one another, a cluster icon will appear. To see these orders and events separately, zoom in and click on the cluster icon.

Themes
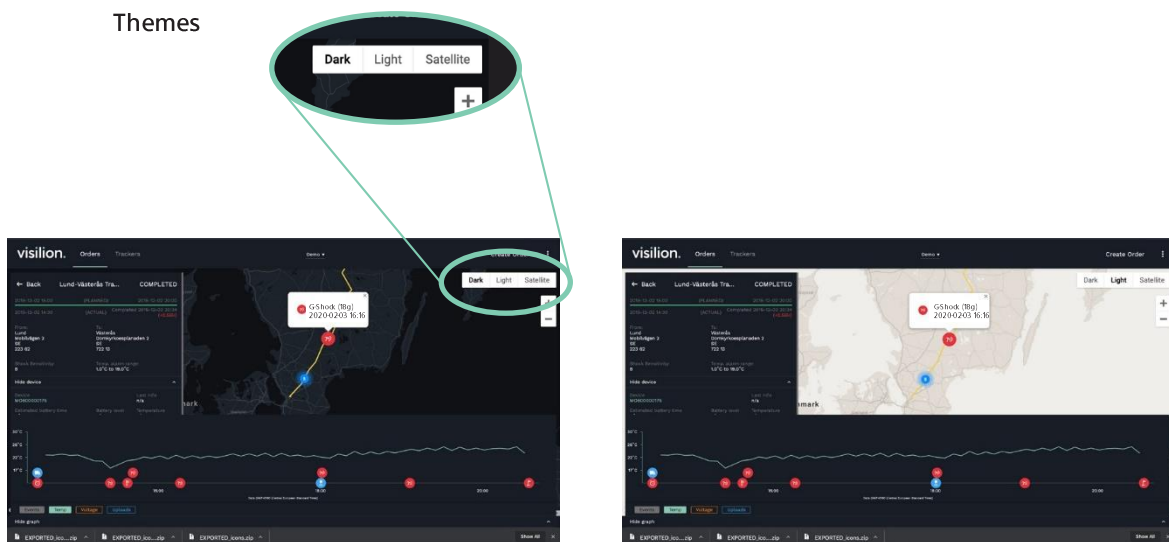
Dark theme

Light theme
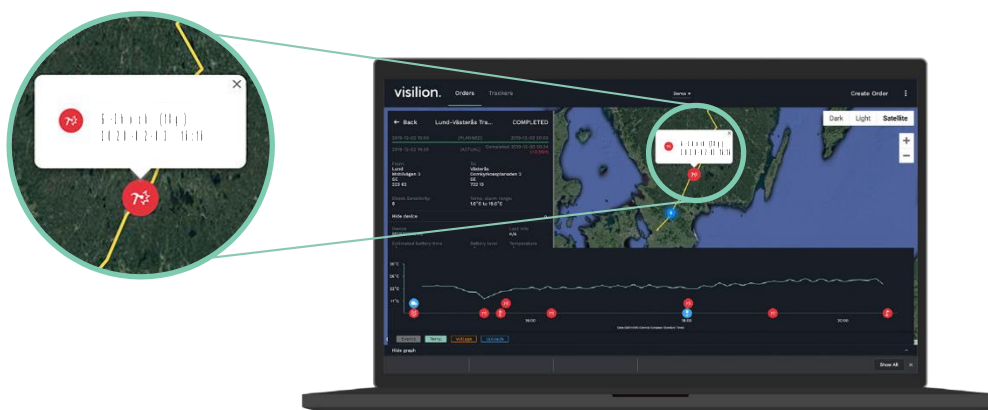
Satellite view

Tilt orientation and tilt event

Tilt detection can be enabled for a specific order (as can temperature alarms and shock detection).

Tilt orientation is measured every 5 minutes throughout the journey and displayed on the chart (where the tilt angle is shown with an arrow). The displayed angle has a 5-degree resolution. Due to space limitations, a maximum of 38 tilt datapoints are shown in the graph (the orientation data is downsampled with an algorithm that favours the extreme values).

For 0-degree tilt orientation, the tracker must be mounted on the side of a box/package and aligned horizontally.

45°

A tilt event is triggered when the tracker angle exceeds 45 (or 135) degrees. The event is displayed on the graph and map.

0° 180°

90° 90°
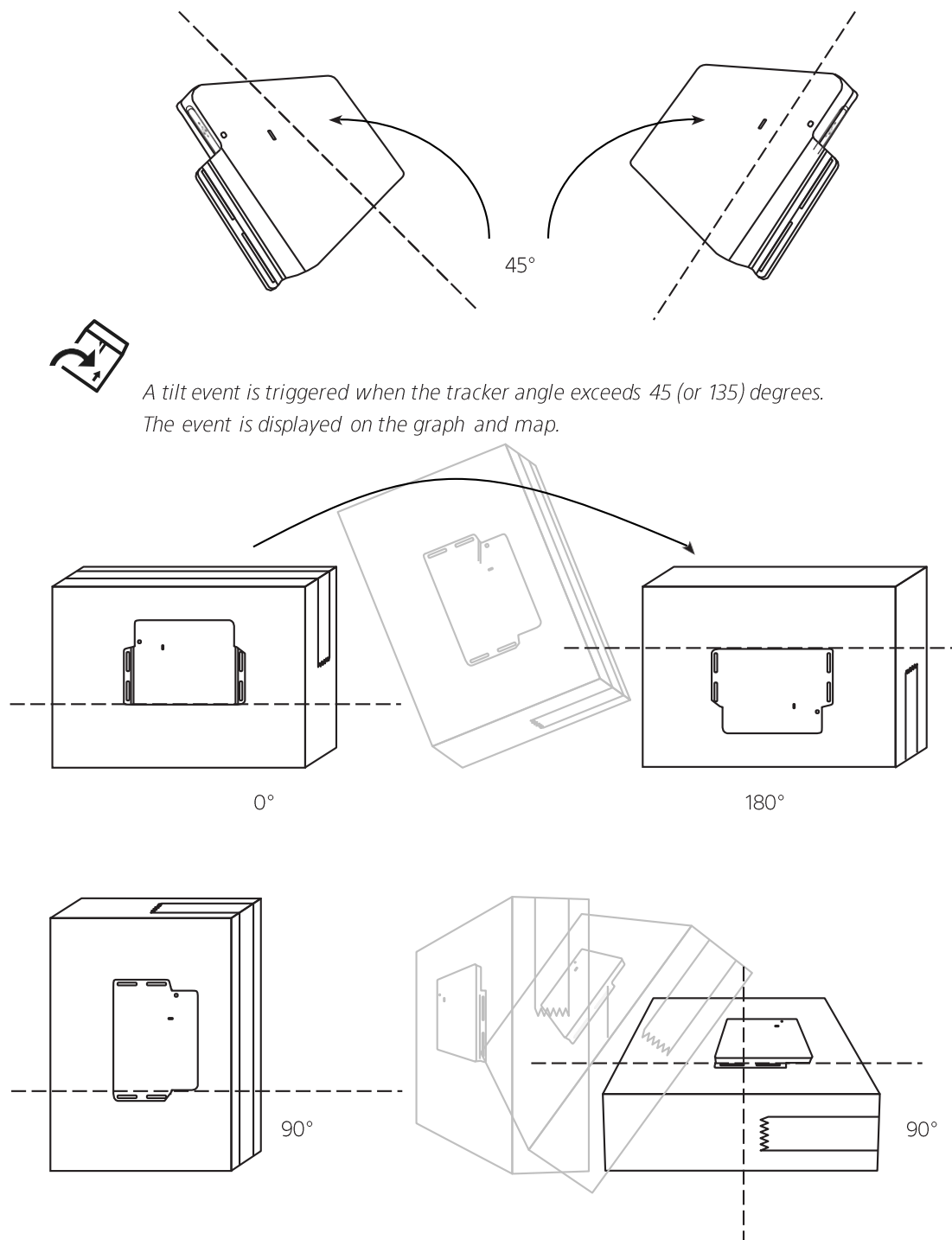
Sensor data graph

To see the sensor data graph, click the bottom pane in the user interface. The graph contains sensor data from the tracker and related events. Click the buttons at the bottom of the pane to select the data you want to see:

Events
The events that occurred during the order.

Temperature
The temperature data for the order over time.

Tilt
The angle for the tilt orientation for the tracker during the order - if tilt detection has been enabled.

Light
Indication on when it has been light during the transport.

Stops
Displays longer stops. For road transports, based on the unscheduled stop threshold in the organisation settings. For rail and sea transport stops longer than 12 hours are displayed.

Battery voltage
The battery voltage for the tracker during the order.

Uploads
When the tracker has been connected to Visilion and when data has been uploaded.
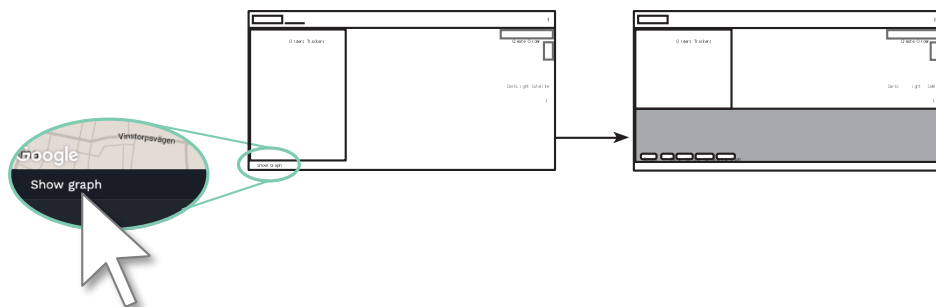
Press ''Show graph'' to see the chart view at the bottom of the page.
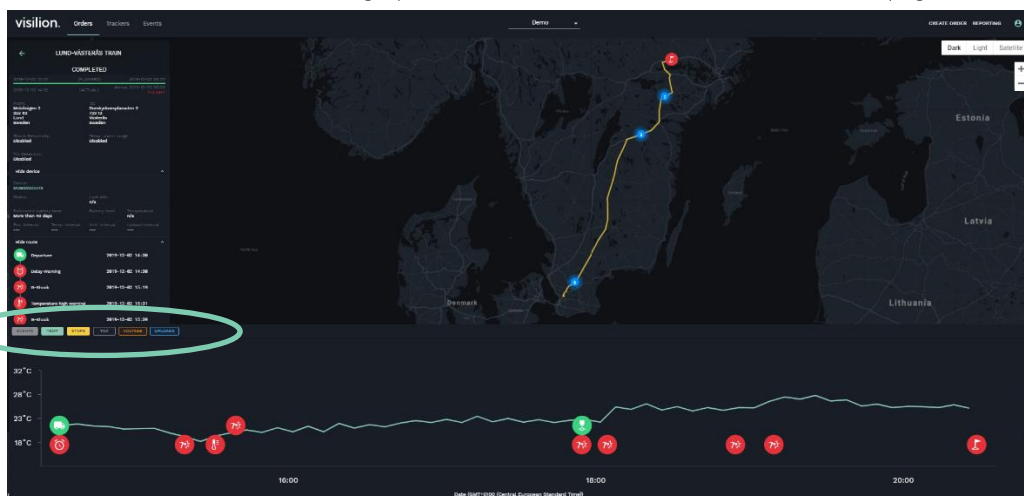
This is an example of an order view.

Order actions

First, select an order. A list of options will appear in the order menu to the right of the order item. Different options will be available depending on the status of the order.

Copy as new order

Choose this option to make a copy of an earlier order which you want to repeat. Remember to type in the new information e.g. order ID or planned arrival/departure times. The copy function is useful when you have lots of similar orders.

Create return order

Choose this option to make a copy of an order, but with the arrival and departure address reversed. This is useful when you want to track a reverse flow.

Delete order

This option is only available when an order has the status ''waiting''.

Reports

Choose this option to create a summary report of the order in a printable pdf format or as a web page. This order report can be shared with anyone, even if the recipient does not have a Visilion account.
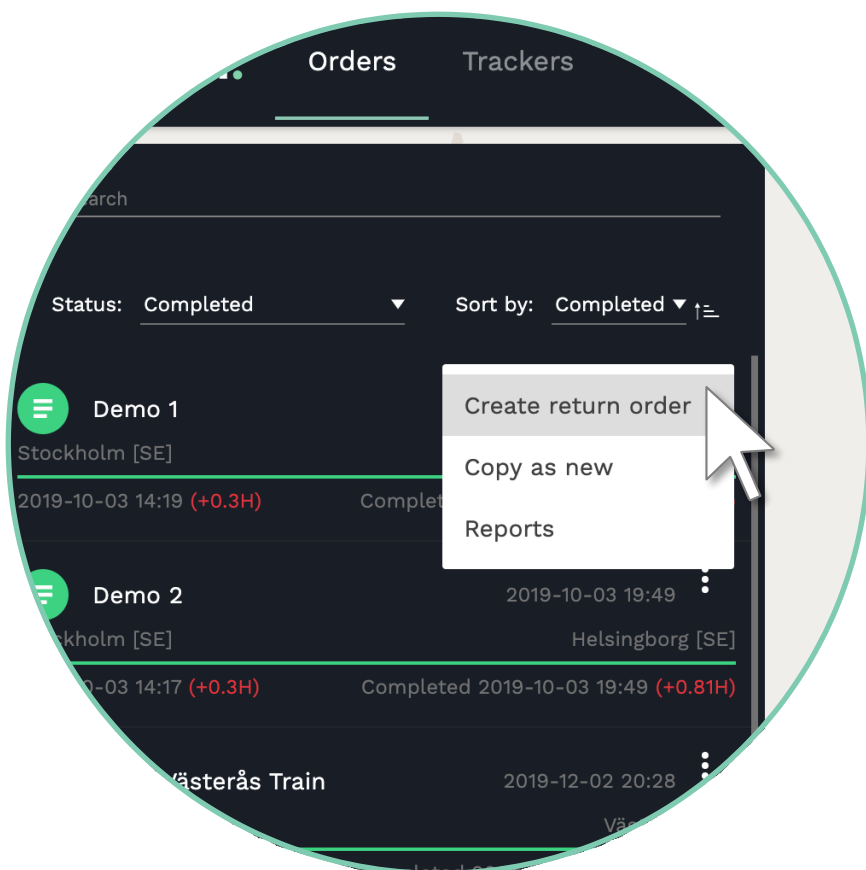
Manual start and stop of an order

Orders that have not yet started, can be initiated manually. Go to the detailed order view, click on the quick menu (top right) and select start. To stop an ongoing order, click on the quick menu and select stop.

Create an order

If you are a member of several organisations/companies – select the correct company in the drop-down list on the top of the UI. To create an order for a specific shipment, first select main transport mode and then follow the steps in the Create Order wizard.
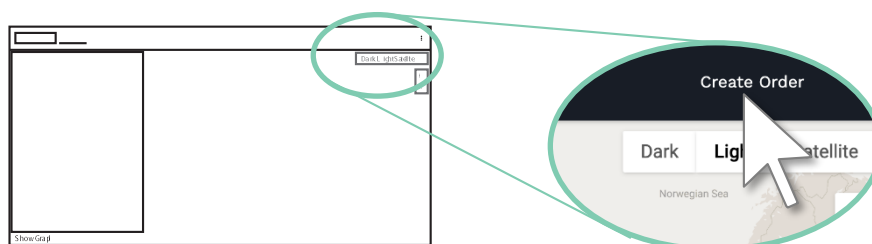
Create order – select main transport mode

Transport mode

Here you specify with which type of transportation the the shipment will be made. If the shipment will use more than one type of transport choose the one that is the main part of the transport.

The transport mode defines the frequency of the tracker's measurements and data uploads. For a short route, you should select a high measurement frequency; for a longer route, select a lower frequency. Remember that the higher the frequency you select, the more power will be consumed and the quicker the battery will run out. Read more about the different options in the Tracker section. To choose from are configurations for truck transport as well as for train and sea. The configurations are specified in the earlier section Tracker sensor data & position acquisition in this User Guide. You will also get informion regarding the transport mode when click on it.
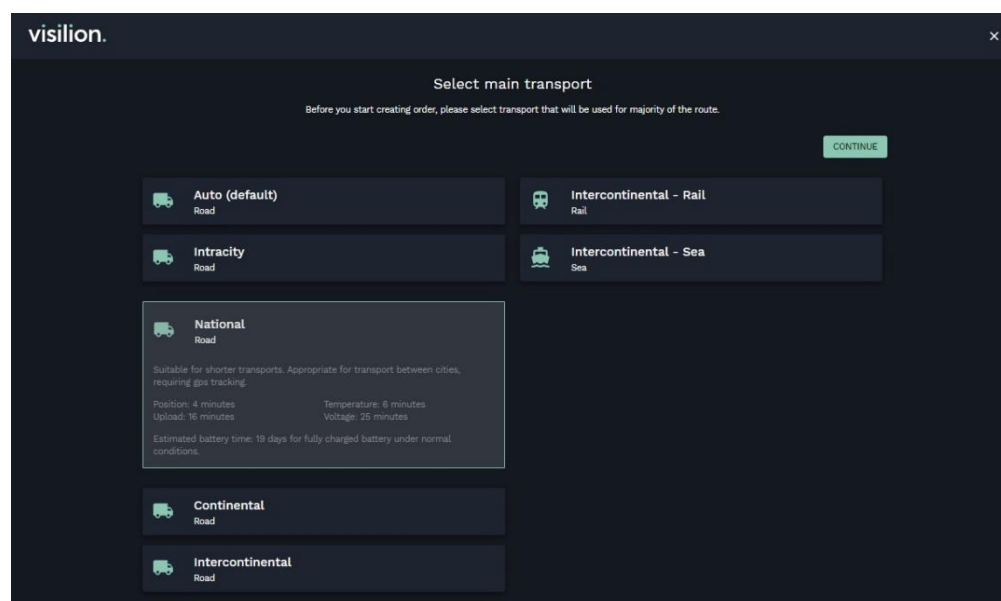
Step 1 – Create order – departure info

Planned departure time

This indicates when you plan to ship goods from their place of origin.

Enter the following information for the origin of the shipment:

o   Planned date and departure time

o   Departure address

       o Country

       o Post code

       o City

       o Street

When you have entered the above information, the position will be shown on the map. In some cases, an address may encompass a very large area. To refine the position, click on the map and provide more accurate coordinates.
Order departure will be detected from 6 hours before planned order start.

Step 2 – Create order – arrival info

Planned arrival time

This indicates when you plan for goods to arrive at their destination.

Enter the following information for your shipment:

o   Planned arrival date and time

o   Arrival address information

> o Country
>
> o Post code
>
> o City
>
> o Street

In the same way as for departure address, you will see the address you've entered on the map. If necessary, you can refine the position by clicking on the map and providing more detailed information.

Step 3 – Create order – waypoint info

You can setup waypoints for specific points of interest during transit, such as warehouses and cargo re-loading.

Enter the following information to set waypoints for the order. One order can have multiple waypoints.

o   Country

o   Post code

o   City

o   Street

The addresses you've entered will appear on the map. If necessary, you can refine the position by clicking on the map and providing more detailed information.

When you have filled in the address and pressed the 'add' button you will see a complete list of specified waypoints. When ready, press the 'next' button to continue

Waypoints with arrival and departure time (only available for sea and rail shipments)
For sea and train shipments, i.e. where you have selected sea or train intercontinental

transport mode.

Select timed waypoint and specify the expected date for arrival and departure. Similar as for departure and arrival events will be generated for this waypoint with regards to arriing and departing in timas as well as event if there is delays and email notifications can also be setup for these events.

Step 4 – Create order – settings for sensing and warnings

Here you can set up warnings for temperature variations, light detection and shock & tilt detection.

Continued monitoring

You can choose to continue monitoring after the arrival of an order from 1 hour up to 7 days. Use the slider control to specify how long you want to continue monitoring for and the order will be kept open during this period. The goods will be monitored according to the chosen settings for temperature, tilt and shock.

Temperature warnings

To enable temperature alarms, select the relevant temperature range on the slider provided. Alarms will only be sent when the order has been activated and if the temperature reaches what you have defined as an unacceptable level.

Light detection and warning

Selecting light detection enables detection of when it goes from dark to light. When light detection is enable ligt warning events can also be selected. In this case an event will be created each time it goes from dark to light and an email notification can also be setup for this warning. Typical use case can be to detect a box or container that is opened.

Shock detection

This enables shock measurement and detection for your order. Use the scale to select the desired level of sensitivity (where low sensitivity corresponds to more powerful shocks). Any shock impact above the specified level will trigger an alarm.
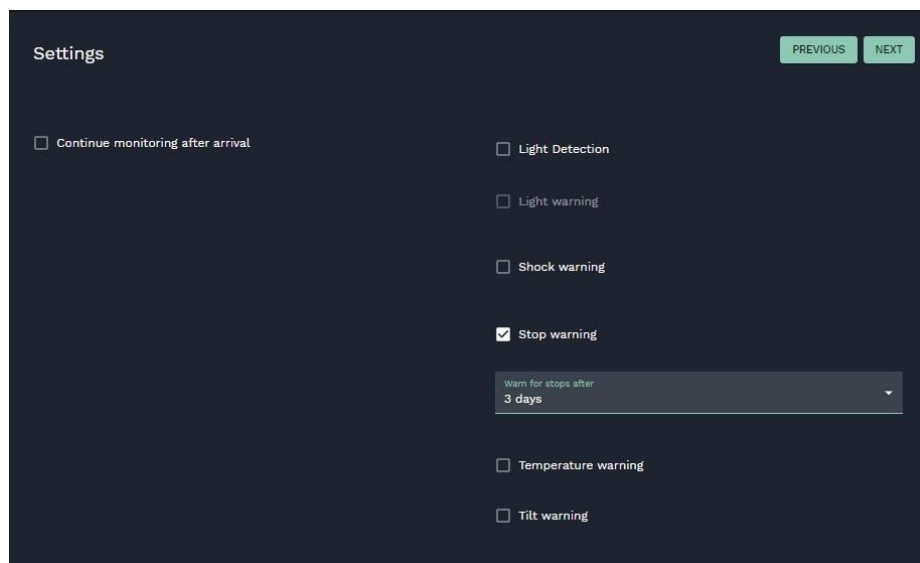
Tilt detection

This will enable measurement of tilt orientation (angle) and tilt detection for your order. Tilt orientation is measured continuously (every 5 minutes), whereas a tilt alarms are only triggered if the tracker falls on its side. Note that this function is only available for ongoing orders.

Warning for stops (only available for sea and rail shipments)

This enables stop warnings with a time threshold from 12 hours to 3 days. Any stop which carries on for longer than the specified time triggers a warning event.

Step 5 – Create order –notifications

Here you can set up notifications for events.

Notifications

Decide which notifications you want to enable during transport.

Enter the email addresses of the people you want notifications to be sent to, then click on the relevant event icons to choose which events you want to be notified about.

Step 6 – Create order – order info and summary

Order number

This is the order identity that you can use as a reference in your own systems. Choose a unique ID for each order.

Customer name

You give the order a name, for your own reference purposes.

Device

Select the tracker you're going to use for the shipment. If a tracker is in storage mode (indicated by a battery icon) it can be selected for an order. However, the tracker needs 24 hours to 'wake up' from storage mode, so you need to plan ahead.

Summary

This provides a summary of your order information. Use the ''previous'' button to go back step-by-step and check/correct any mistakes.

To save the order, press ''Create''. Once your order is saved, the tracker configuration is downloaded to the tracker hardware. The actual download will occur when the tracker connects. Exactly when this happens will depend on the upload interval you've chosen.

You will now be directed to the order list where you can see your order has ''waiting'' status.

Event view

The event view provides an overview of all the latest events from your ongoing orders. The events are listed in chronological order with the latest one at the top. On the left, you can choose how far back in time you want to go to see generated events. There is also a filter function which you can use to select events that are of specific interest.

Order reports

You can generate a report for each order, including e.g. order configuration, events, temperature graph and a map. Go to order view and choose 'reports' in the quick menu to the right.

Aggregated order reports

It's possible to create an aggregated report for all orders within a specified period.
Click the 'reporting' button, top right.
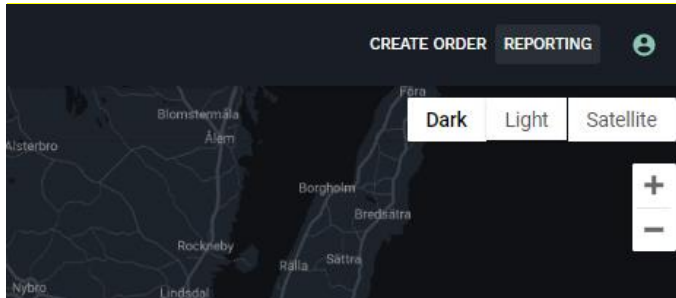
You set the criteria for your aggregated report- including the time period and any
specific events you want to see. A summary will appear, showing the number of
orders within the given time period and the events that occurred. You will then get a list
of all the orders that match your report criteria.

In the high-level info, you can see the events that occurred during the order.

To print your report, select the export data icon which is below the summary to the left.
Printable reports can be generated in csv or xml file format (xml format can be opened in Excel).

To get more detailed information, click on the relevant order item. You can also view the detailed order report.

| Time	Event	Details
2020-06-02 07:48	Departure	Skallgången 6, Lund, SE
2020-06-02 08:14	Delay Warning	
2020-06-02 09:02	G-Shock	23g
2020-06-02 09:22	Tilt	
2020-06-02 10:32	Temperature high warning	28.3°C
2020-06-03 03:17	Temperature low warning	19.0°C
2020-06-03 04:41	Temperature low warning	19.0°C
2020-06-03 10:51	Temperature high warning	27.2°C
2020-06-03 13:23	Arrival	högarörsgatan 6, ljungby, SE

Organisation settings

A menu of administration tasks is found in the upper right-hand corner of the UI.

Click on the menu and select Organisation settings to manage the information relating to your organisation/s.

You can set up and manage user accounts and/or sub-organisations. You can also use this function to manage the trackers which belong to your organisation and e.g. configure the hardware.
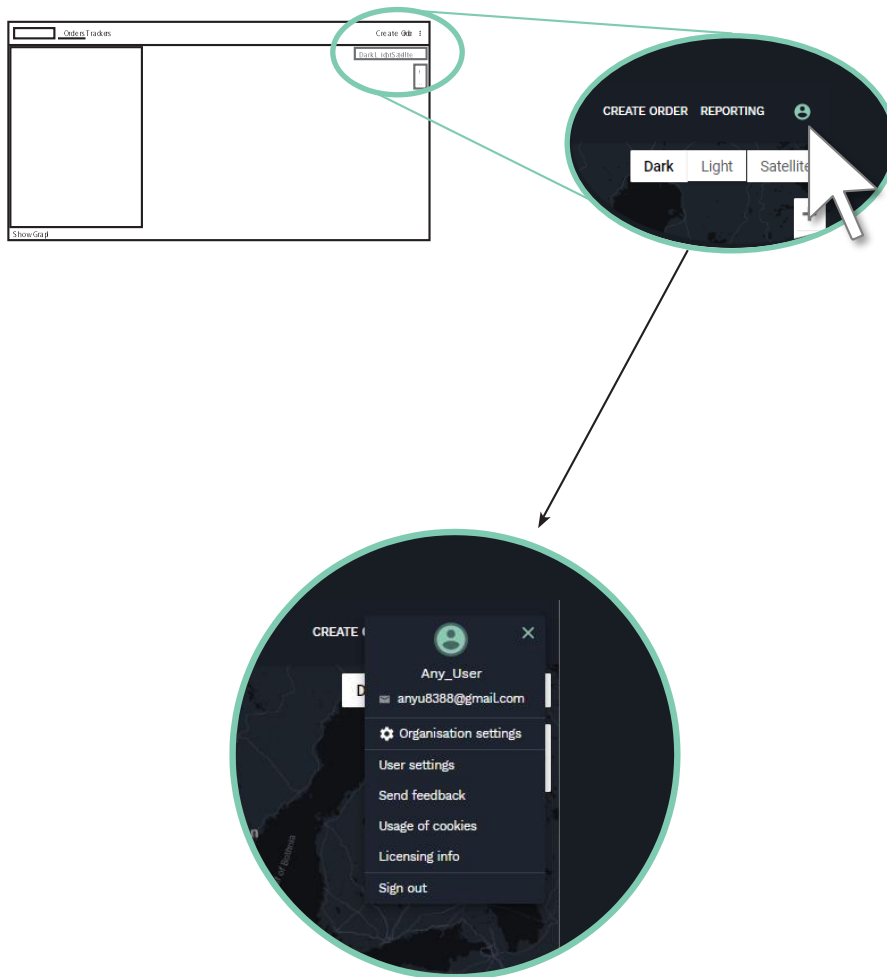
Managing user accounts and groups

Tailor the setup and usage of Visilion to your organisation's needs.

The web application provides support for administering and setting up user accounts to support different roles (e.g. regular user or administrator).

You can also set up groups to support different teams or sub-organisations.

A user invitation link is sent out to representatives in your company as a part of the onboarding process. Those who receive an invitation can then create their own account.
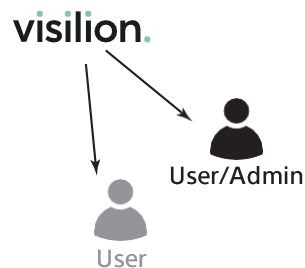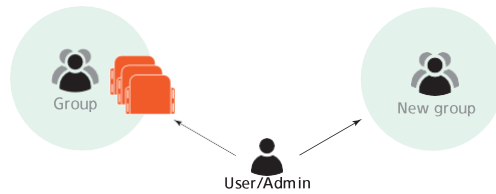

One representative is assigned the role of administrator and has the authority to manage the trackers and invite new users.
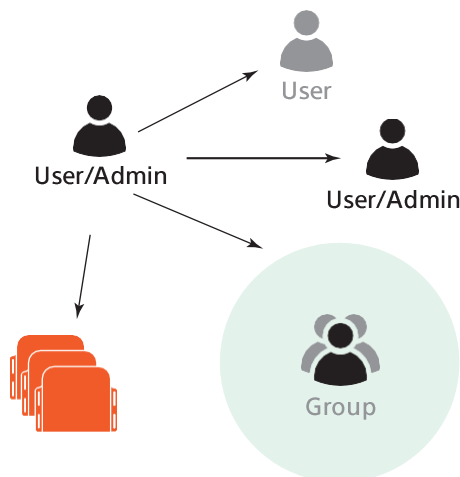
Any trackers that are included in the contract and delivered to you, will already have been assigned to your company. They become available for use as soon as the first user profile has been created and entered into the web application.
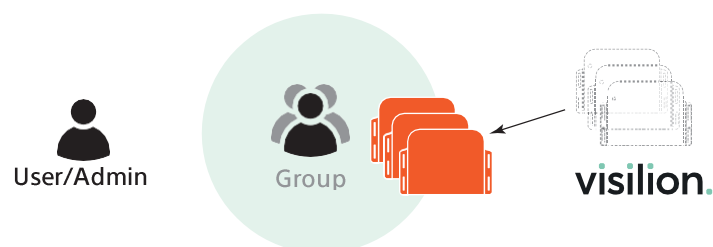
Instructions to set up a sub-organisation or new group within your company

You can create groups within your company - 'sub-organisations' - to organise trackers and user access.

o Go to Organisation Settings in the admin section of the web application

o Select your company/group

o Press the NEW button in the company view

o Assign a name to the group (sub-organisation)

o Save

Whoever created the new group will automatically be its administrator as well as being a user. User invitations can now be sent to members of the newly created group, and trackers can be assigned to it.

If the organisation is at some point deleted, the trackers associated with this organisation will be automatically transferred to the parent company. However, all order data relating to the deleted organisation will be lost.
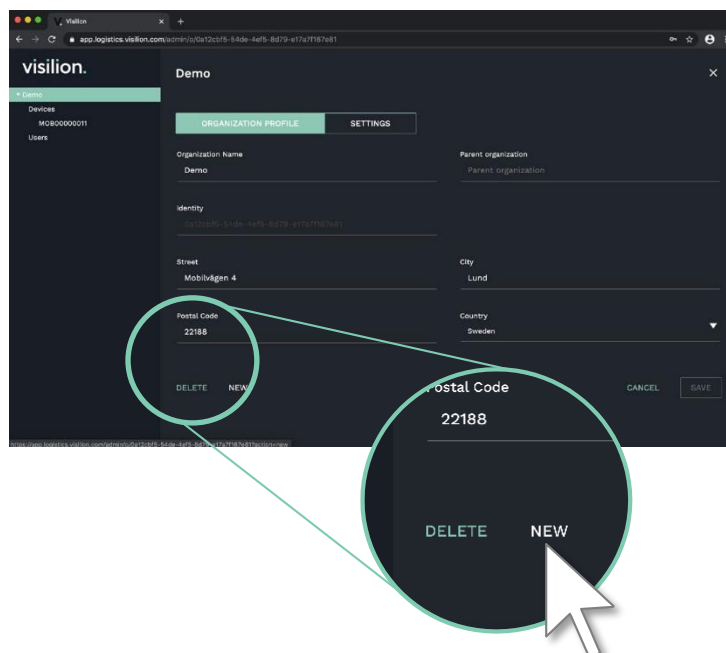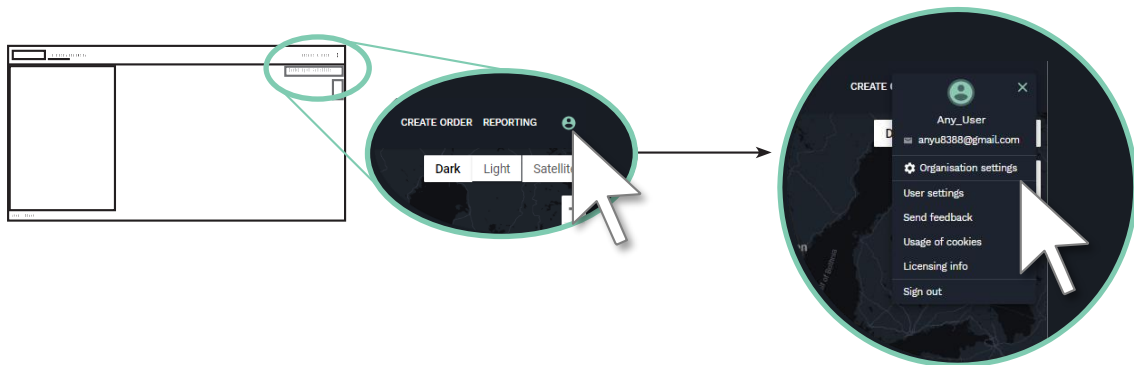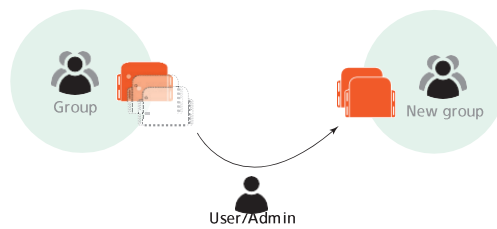
How to transfer trackers to another organisation

o Enter Organisation Settings in the admin section of the web application

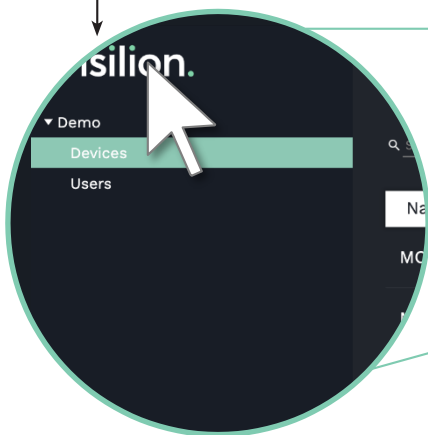o Select your organisation/company/group

o Select devices

o Click on the tracker you want to transfer

o In the edit view, select ''Transfer tracker'' and choose the group to which the tracker should be assigned

o Save

A new instance of the tracker is created and activated with the receiving group. This instance will now get the data from its physical representation. Note that the previous version and its data will still be available.

If you later decide to transfer the tracker back to its initial (or other previous) group it will be reactivated and start receiving data again. When several trackers shall be transferred the multi-select function can be used (as decribed in later section).

How to add users to groups

As an administrator, you can invite other people to become users. Each individual creates his or her own user ID.

o Enter Organisation Settings in the admin section of the web application

o Select your company/group

o Click on ''Users'' in the group to which you want to add users

o Click the ''Invite user'' button and enter the recipient's address

o Select the user's credentials. If you choose ''User'', that person can enter the web application. Select ''Admin'' if you also want him/her to be able to manage the group.

o Save

The invitation will be sent to the new user's email address and he/she can then create an account. Once logged in he/she will have access to the data owned by that group.

Managing trackers

How to manage the HW config of the trackers

o   Enter Organisation Settings in the admin section of the web application

o   Select your organisation/company/group

o   Select devices

You will see a list of all the trackers that belong to the selected organisation, with their identity and status information shown. Use the right-hand menu to select which information you want to see for each tracker on the list. Here you can also check HW and FW versions.

- To update the hardware configuration of a tracker, click on the relevant tracker. To update several trackers at once you can use the multi-select function. Click the checkboxes for all the trackers you want to update. Once you've selected your trackers, you can either press the EDIT button to update the HW configuration or the CHANGE ORGANISATION button to transfer trackers to another organisation

Choose the hardware config tab

- Edit the hardware configuration settings:

Default measurement frequency

This is the default activity mode you want the tracker to have when it's not being used in an order. It includes the upload interval for data and the frequency for sampling sensor data and positions.

Default back-off

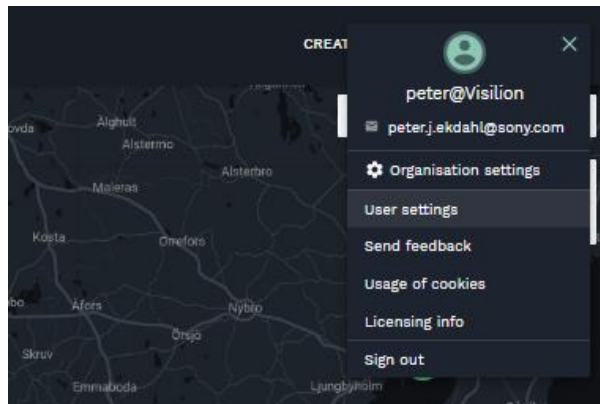This is the default setting for the back-off algorithm to save battery.

Storage mode

Set the tracker in this low power mode if it is being put in storage and will not be used for a longer period.

Managing user settings

How to manage user-specific settings

o Enter User settings in the admin section of the web application

o Edit the User settings:

Select Preferred organisation

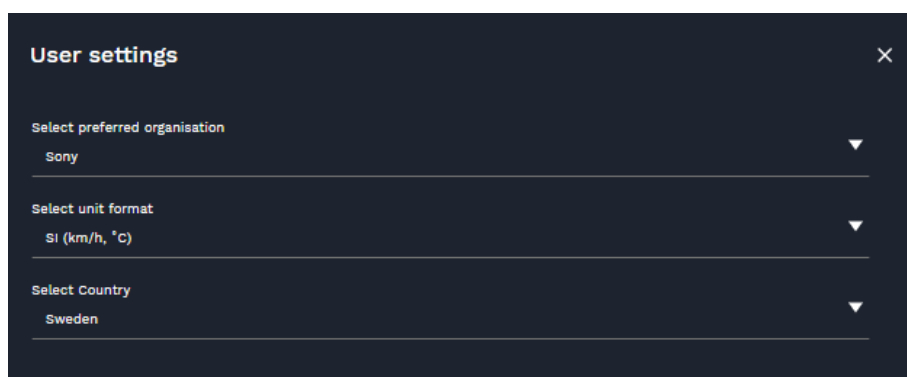If a user belongs to several organisations you can select an organisation as the default to be shown when logging in.

Select unit format

Choose between SI and Imperial unit format.

Select country

Set the user's country

o Save

Integration points with Visilion

API support is provided for integration with systems such as ERP and Transport Management Systems. Visilion supports two sets of APIs: one to create and one to retrieve data, a REST API and GraphQL.

REST API

If you want to use your own system rather than the Visilion UI, you can do so using our APIs. For example, to create or update orders, trackers or the configuration of tracker hardware, you can use the REST API. CRUD operations are possible with this API, and it makes all functionality for Visilion entities available. i.e. organisations, users, trackers and orders.

The OpenApi specification of the REST API is available on:
https://app.logistics.visilion.com/api-docs/index.html.

GraphQL API

GraphQL is a query language to formulate client applications based on an intuitive and adjustable format, for portraying data prerequisites and interactions. The Visilion GraphQL is read-only which means you cannot create or modify resources, only display data. The API is able to describe itself, which means you can post queries to it, about it.
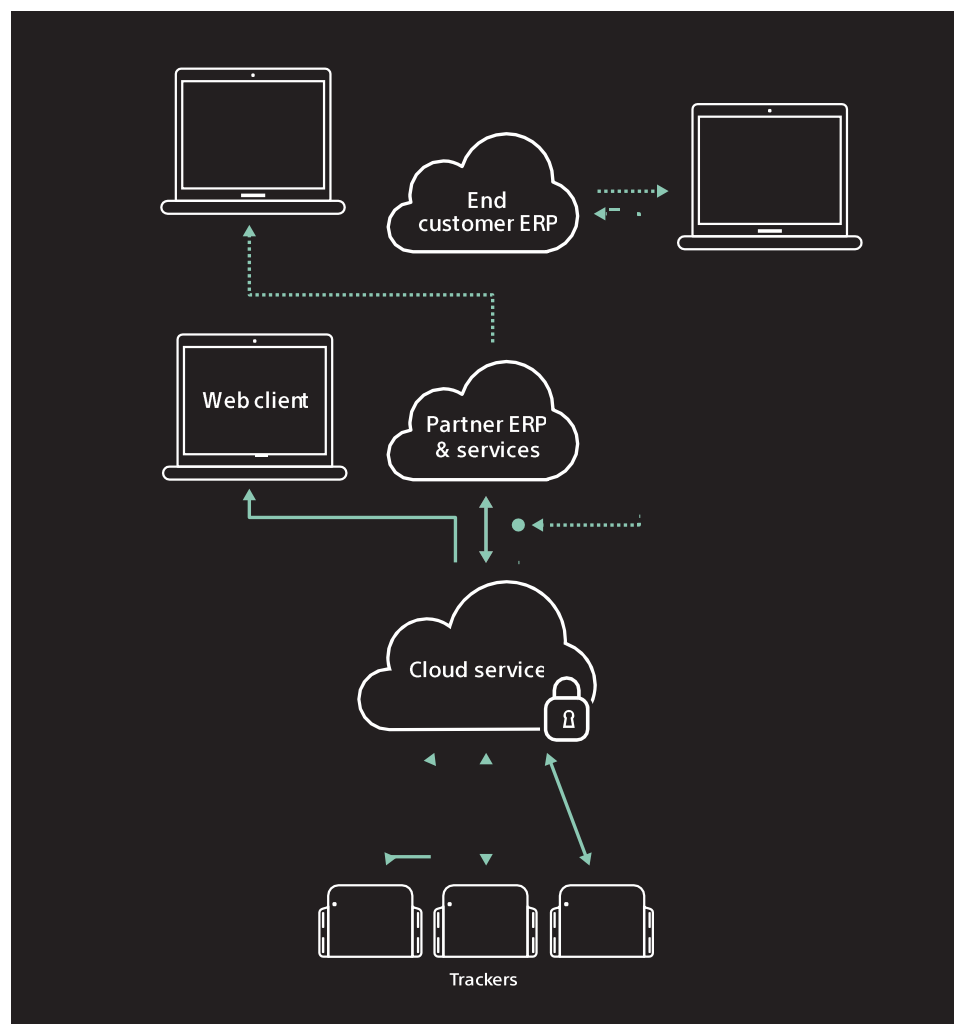
Visilion. Now you know.

Contact us on info@logistics.visilion.com
for more information

iot.sonynetworkcom.com/visilion