

Smart. Connected. Efficient.

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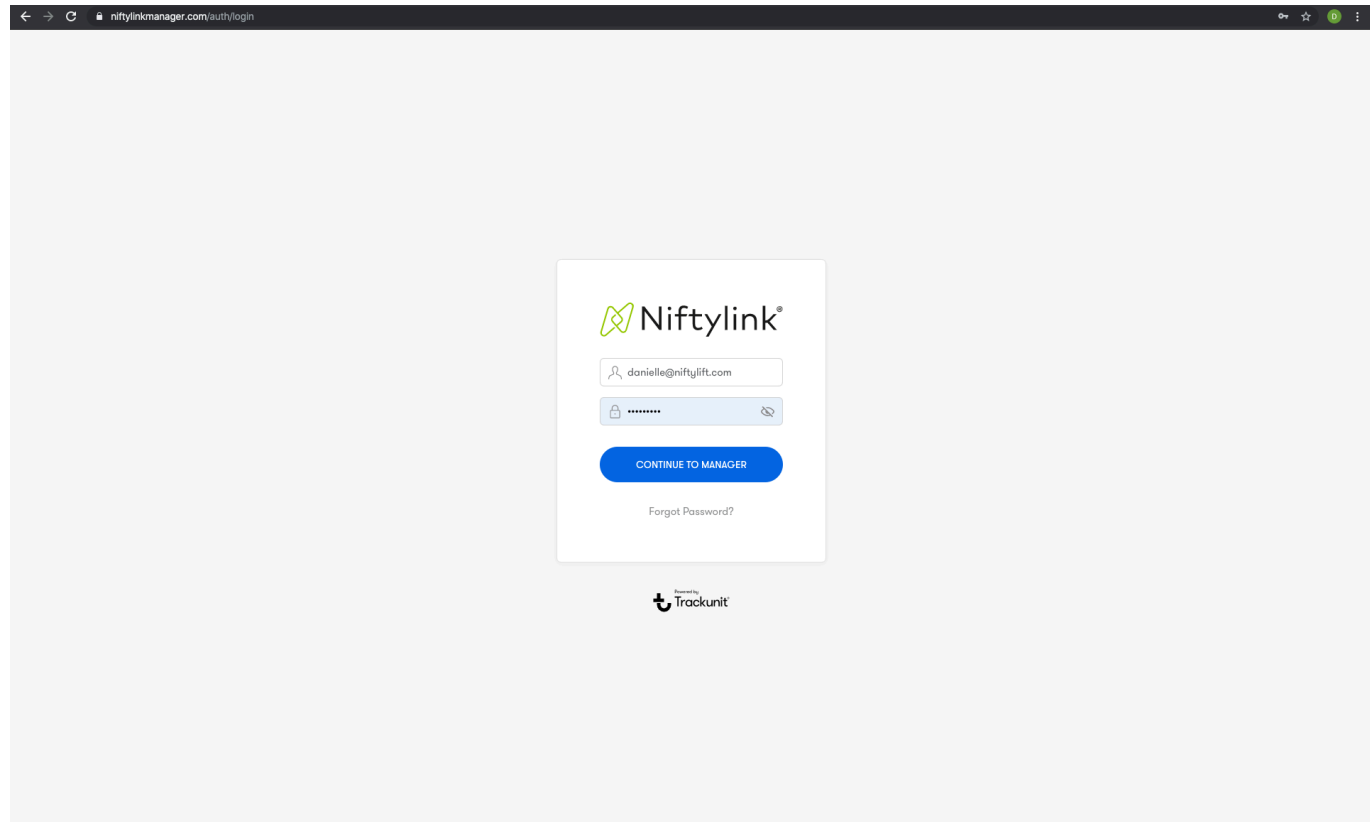


## Logging into the Niftylink Manager

1. Enter [www.niftylinkmanager.com](http://www.niftylinkmanager.com) in the URL
2. Enter your Username and Password.
3. Select 'CONTINUE TO MANAGER'.

### Forgotten your Password?

1. If you have forgotten your password, select 'Forgot Password' and you will be directed to the Trackunit website.
2. Follow the instructions provided to reset your Password.



The screenshot displays the login interface for Niftylink Manager. At the top, the browser address bar shows the URL 'niftylinkmanager.com/auth/login'. The main content area features the Niftylink logo, a username input field containing 'danielle@niftylift.com', a password input field with masked characters, and a blue 'CONTINUE TO MANAGER' button. Below the button is a link for 'Forgot Password?'. At the bottom, it states 'Powered by Trackunit' with the Trackunit logo.

## Niftylink Manager Toolbar

When you login to Niftylink Manager you will be presented with this screen. The Toolbar is your overview of all the different functions of Niftylink Manager and is always visible.

### 1. Fleet Home

Insights on the current fleet status and activity.

### 2. Fleet

A list of all the machines in your fleet.

### 3. Manager Classic

Create reports, schedule services and set alarms.

### 4. Fleet Inventory

Creates charts based on your machines data, e.g. Bar chart showing all your different machine models.

### 5. Exceptions

Overview of hours machines have worked in excess of a standard workday.

### 6. CAN Comparisons

Investigate and compare CAN parameter data across the fleet.

### 7. Machines in need of attention

The number in the red alert box displays the number of machines that are in 'Critical' need of attention.

Select to view which machines are in 'Critical' need of attention.

### 8. Latest Messages

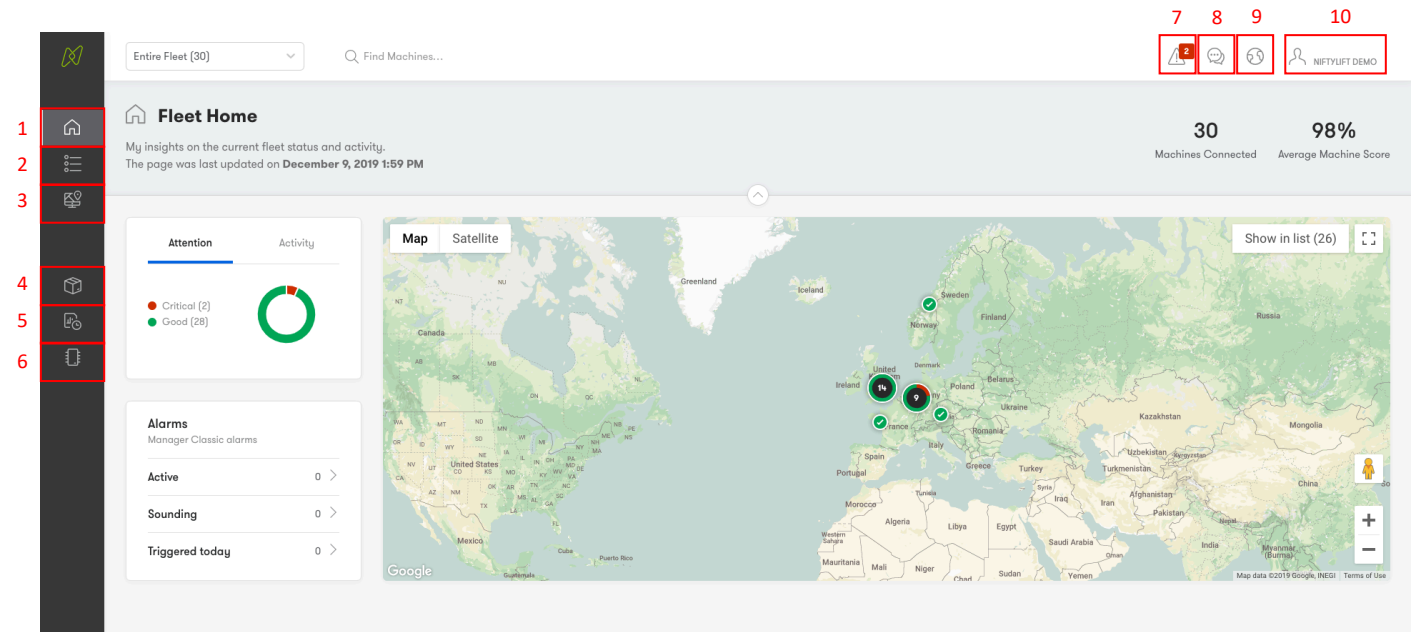
Select to view the most recent messages around your machines.

### 9. Language

Select to choose your language.

### 10. My Account

Select to view 'Terms & Conditions' or logout of Niftylink Manager.





## Fleet Home

Fleet Home presents you with an overview of the status, activity and location of all the machines in your fleet.

### 1. Attention / Activity

Displays how many of your machines need 'Critical' or 'Low' attention and how many are 'Good' (fully operational).

By selecting 'Activity', you can view how many of your machines are currently 'Working', 'Moving', 'Idle' or 'Stopped'.

### 2. Map

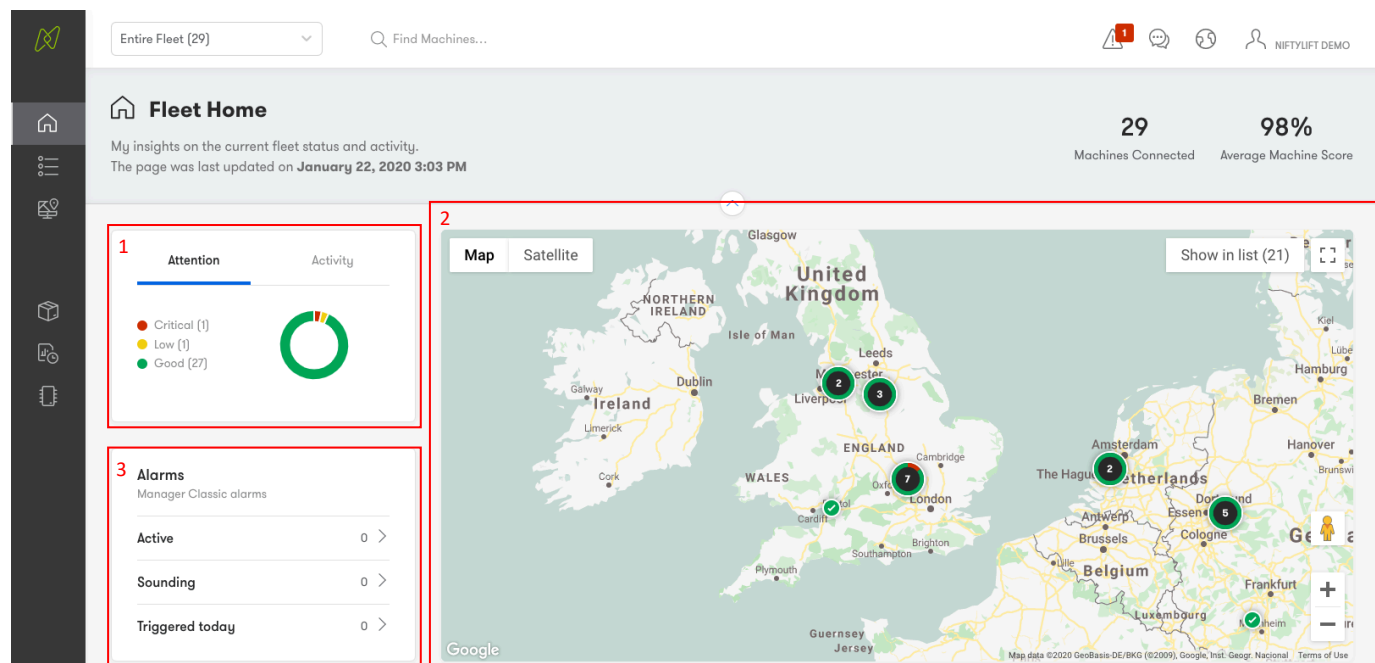
A 'Google Maps' overview of your entire fleet, showing you exactly where your machines are located.

When 'Attention' is selected in 'Attention / Activity' you can see the current status of each machine on the map.

When 'Activity' is selected in 'Attention / Activity' you can see the current activity of each machine on the map.

### 3. Alarms

Displays the number of machine alarms that are 'Active', 'Sounding' and have been 'Triggered today'. For information on setting up alarms, [see page 13](#).



## Fleet

A list of all the machines in your fleet.

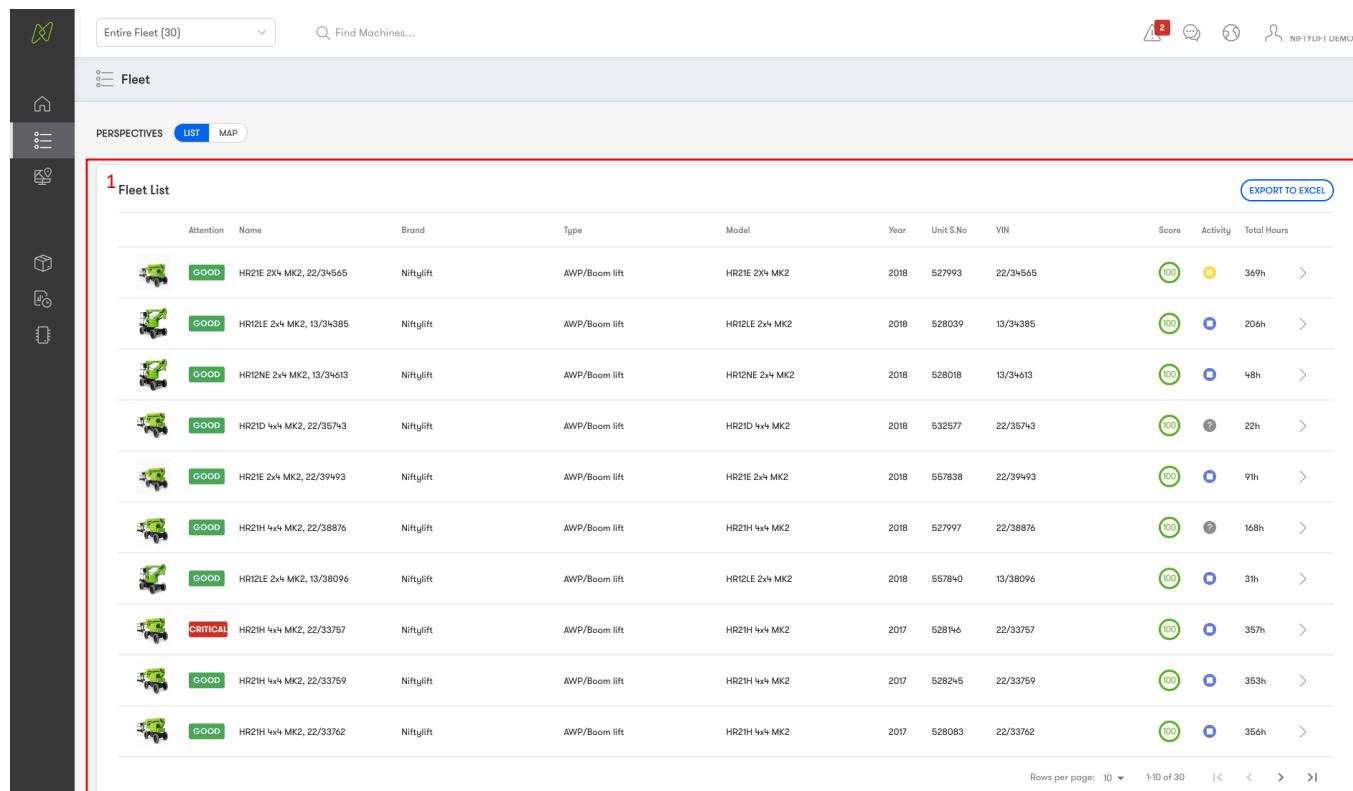
### 1. Fleet List

Organise your 'Fleet List' by selecting one of the following categories:

- Attention (Good, Low or Critical)
- Name
- Brand
- Type of machine
- Model
- Year of production
- Unit S.No
- VIN Number
- Specification score
- Activity (Working, Moving, Idle or Stopped)
- Total hours spent working

Your 'Fleet List' can be exported to Excel by selecting the icon in the top right-hand corner of the section.

Select an individual machine to view its Machine Data. For information on Machine Data, [see pages 6-12](#).



Attention	Name	Brand	Type	Model	Year	Unit S.No	VIN	Score	Activity	Total Hours
GOOD	HR21E 2x4 MK2, 22/34565	Niftylift	AWP/Boom lift	HR21E 2x4 MK2	2018	527993	22/34565	100	1	369h
GOOD	HR12LE 2x4 MK2, 13/34385	Niftylift	AWP/Boom lift	HR12LE 2x4 MK2	2018	528039	13/34385	100	0	206h
GOOD	HR12NE 2x4 MK2, 13/34613	Niftylift	AWP/Boom lift	HR12NE 2x4 MK2	2018	528018	13/34613	100	0	48h
GOOD	HR21D 4x4 MK2, 22/35743	Niftylift	AWP/Boom lift	HR21D 4x4 MK2	2018	532577	22/35743	100	0	22h
GOOD	HR21E 2x4 MK2, 22/39493	Niftylift	AWP/Boom lift	HR21E 2x4 MK2	2018	557838	22/39493	100	0	9h
GOOD	HR21H 4x4 MK2, 22/38876	Niftylift	AWP/Boom lift	HR21H 4x4 MK2	2018	527997	22/38876	100	0	168h
GOOD	HR12LE 2x4 MK2, 13/38096	Niftylift	AWP/Boom lift	HR12LE 2x4 MK2	2018	557840	13/38096	100	0	31h
CRITICAL	HR21H 4x4 MK2, 22/33757	Niftylift	AWP/Boom lift	HR21H 4x4 MK2	2017	528146	22/33757	100	0	357h
GOOD	HR21H 4x4 MK2, 22/33759	Niftylift	AWP/Boom lift	HR21H 4x4 MK2	2017	528245	22/33759	100	0	353h
GOOD	HR21H 4x4 MK2, 22/33762	Niftylift	AWP/Boom lift	HR21H 4x4 MK2	2017	528083	22/33762	100	0	356h

# Fleet

## Machine – Live Status

### 1. Map

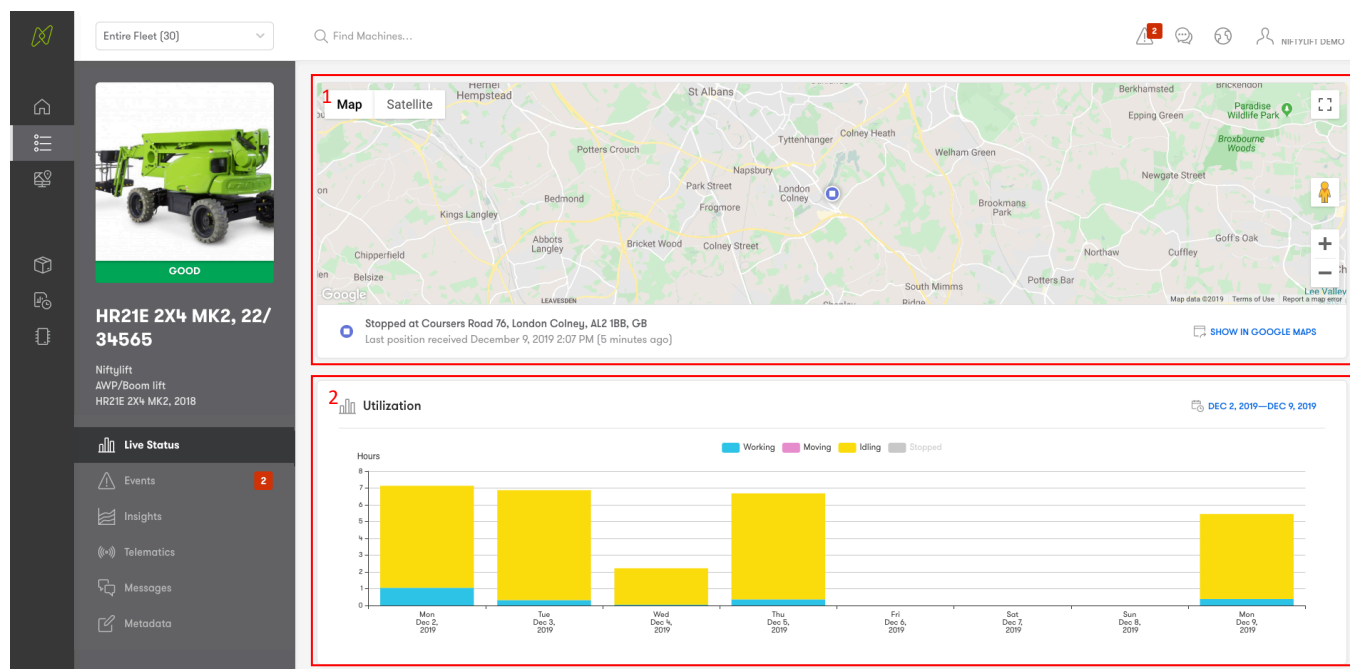
Shows you the exact location of the machine.

### 2. Utilisation

Bar chart displaying the activity of the machine over the past 7 days.

You can change the date range in the top right-hand corner of the section.

By selecting a specific day you can see to-the-minute data on when the machine has been 'Working', 'Moving', 'Idling' or 'Stopped'.



# Fleet

## Machine – Events

### 1. Active Critical Events

Displays any 'Critical' events that the machine is currently experiencing.

### 2. Historic Events

Displays any events that have occurred.

### 3. Event Log

List of all events that the machine is currently experiencing or has experienced in the past.

Organise your 'Event Log' by selecting one of the following categories:

- Status (Open or Resolved)
- Date
- Type e.g. Machine Fault
- Description of the event
- Criticality (Critical or Low)

Your 'Event Log' can be exported to Excel by selecting the icon in the top right-hand corner of the section.

The 'Search events...' function allows you to search for a specific 'Description'.

Select an individual event to view the fault code, description of the fault and suggested action to resolve the issue.

For information on machine faults, [see page 8](#).

Entire Fleet (29) Find Machines...

**Events**

**1! ACTIVE CRITICAL EVENTS (2)**

Jan 10, 2020 2:56 PM (12 days ago)  
**CRITICAL Machine Fault**  
There is a Under voltage error on the VBBR (standard side) of the PLC.  
Fault Code: 02009305

Jan 10, 2020 2:56 PM (12 days ago)  
**CRITICAL Machine Fault**  
There is a Under voltage error on the VBBa (standard side) of the PLC.  
Fault Code: 02009205

**2! HISTORIC EVENTS**

2019-2020

**3! TYPE ALL MACHINE FAULT** [LOAD MORE EVENTS](#)

**Event Log (500)** [EXPORT TO EXCEL](#)

Status	Date	Type	Description	Criticality
OPEN	Jan 10, 2020 2:56 PM	Machine Fault	There is a Under voltage error on the VBBR (standard side) of the PLC.	CRITICAL
OPEN	Jan 10, 2020 2:56 PM	Machine Fault	There is a Under voltage error on the VBBa (standard side) of the PLC.	CRITICAL
RESOLVED	Jan 10, 2020 2:54 PM	Machine Fault	B+ Undervoltage Cutback (Flash Code 23)	LOW
RESOLVED	Jan 10, 2020 2:54 PM	Machine Fault	There is an error with the Motor Controller.	LOW
OPEN	Jan 10, 2020 2:54 PM	Machine Fault	B+ Undervoltage Cutback (Flash Code 23)	LOW
OPEN	Jan 10, 2020 2:54 PM	Machine Fault	There is an error with the Motor Controller.	LOW
RESOLVED	Jan 10, 2020 2:54 PM	Machine Fault	B+ Undervoltage Cutback (Flash Code 23)	LOW
RESOLVED	Jan 10, 2020 2:54 PM	Machine Fault	There is an error with the Motor Controller.	LOW
OPEN	Jan 10, 2020 2:54 PM	Machine Fault	There is an error with the Motor Controller.	LOW

## Fleet

### Machine – Events – Machine Fault

#### 1. Fault Description

Displays a description of machine fault.

#### 2. Suggested Action

Suggests how you can resolve the machine fault.

#### 3. Fault Code

Displays the 'Fault Code'.

Jan 10, 2020 2:54 PM (12 days ago)

**LOW** Machine Fault



<sup>1</sup> B+ Undervoltage Cutback (Flash Code 23)

<sup>2</sup> **Suggested Action**  
Check battery state of charge. Check B+ and B- for loose connections or shorts. Check motor controller main supply fuse. If the problem persists, contact a Niftylift approved service centre.

<sup>3</sup> Fault Code  
**01540000**

# Fleet

## Machine – Insights

### 1. Insights Overview

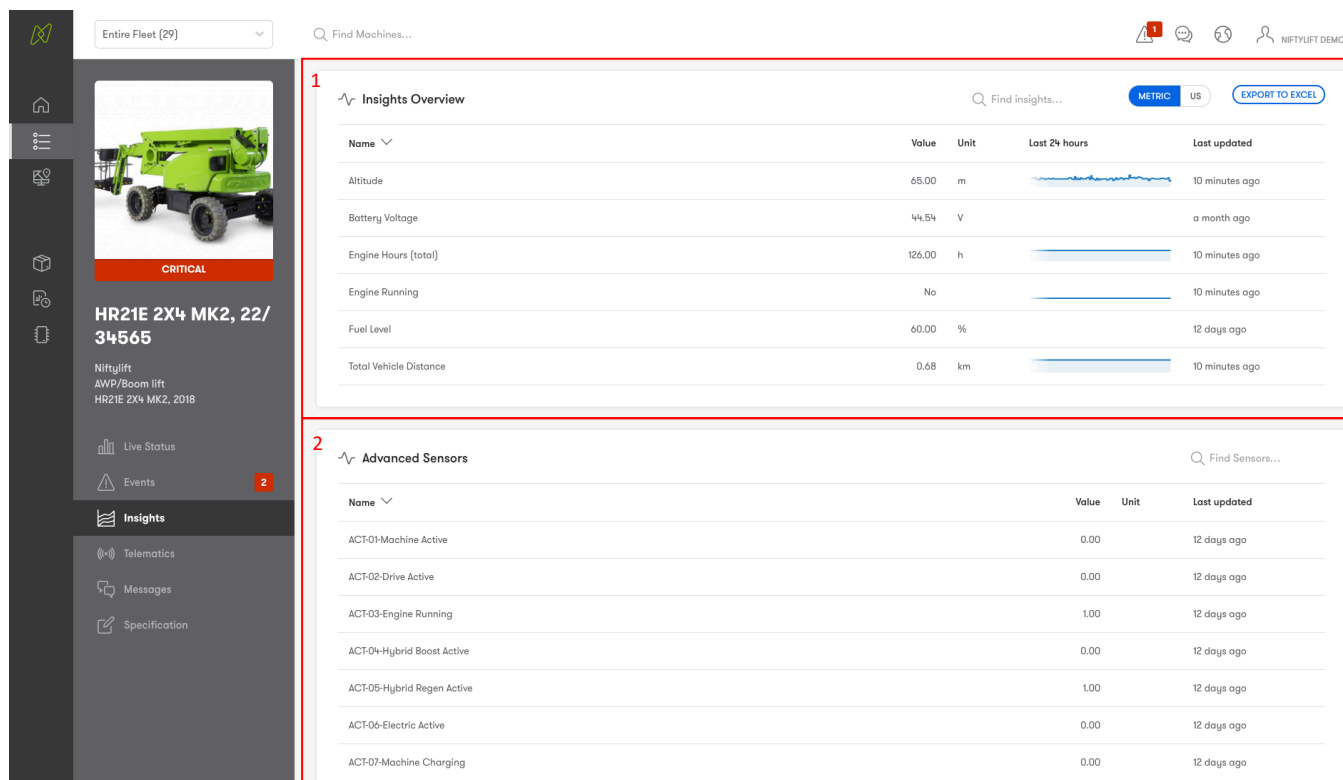
Displays cleansed and structured data from different connectivity set-ups, e.g. Battery Voltage, Engine Hours and Altitude.

Select between 1-4 Insights to view this data as a graph. You can view the machine's entire history.

Your 'Insights Overview' can be exported to Excel by selecting the icon in the top right-hand corner of the section.

### 2. Advanced Sensors

Displays Advanced Sensor data coming straight from the CAN bus, e.g. Battery Temperature and Fuel Level.





# Fleet

## Machine – Telematics

### 1. Device

Information about the Trackunit device connected to your machine.

### 2. Status

Real-time information on the Trackunit device:

- Unit power supply
- Unit internal battery level
- Unit internal battery percentage
- GPS satellites

### 3. Connections

Physical inputs of the Trackunit device displaying when the machine is 'On' and 'Active'.

The screenshot displays the Niftylink Telematics interface. On the left is a sidebar with navigation icons and a list of menu items: Home, Fleet, Machine, Live Status, Events, Insights, Telematics (selected), and Messages. The main content area is titled 'Entire Fleet (30)' and includes a search bar 'Find Machines...'. Below this, a machine card for 'HR21H 4x4 MK2, 22/35220' is shown with a 'CRITICAL' status. The right panel, titled 'Telematics', contains three sections:

- 1. Device:** A table with columns for Device Type, Serial Number, and Production Date. The data row shows 'TU501', '528073', and '2016-11-15'.
- 2. Status:** Four horizontal bars representing real-time data: Power supply (61.5V), Battery level (4.1V), Battery percentage (90%), and GPS Satellites (8).
- 3. Connections:** A row of five status indicators: Machine Active (checked), Machine On (checked), N/C (unchecked), N/C (unchecked), and Output (checked).

## Fleet

### Machine – Messages

#### 1. Messages

Keeps track of any messages around a specific machine by anyone using Niftylink Manager or the Niftylink Go app.

#### 2. Attach

Attach an image/video in your message by selecting the image icon in the bottom right-hand corner.

The screenshot shows the Niftylink Manager interface for a specific machine. The sidebar on the left contains navigation icons and labels: Live Status, Events, Insights, Telematics, Messages (highlighted with a red box and a '2' badge), and Metadata. The main content area displays a conversation thread for the machine 'HR21H 4x4 MK2, 22/35220'. The messages are from 'Andy Ring' and discuss a critical fault on the machine. A red box highlights the 'Messages' section in the sidebar and the message list. Another red box highlights the 'Attach' button (image icon) in the bottom right corner of the message input area.

## Fleet

### Machine – Specification

#### 1. Machine Specification

This section displays all the information about your machine including:

- Name
- Machine type
- Year of production
- Brand
- Model
- VIN

This data is automatically filled when you purchase a Niftylift or retrofit your machines with Niftylink.

Entire Fleet (29) Find Machines...

**1 Machine Specification**

**Edit Machine**

Name: HR21H 4x4 MK2, 22/42294

Brand: Niftylift

Type: AWP/Boom lift

Model: HR21H 4x4 MK2

Production Year: 2019

VIN: 22/42294

UNDO SAVE

**Machine Score**

100

Machine score is based on how many of the fields are filled in. The more, the higher the score.

Live Status  
Events  
Insights  
Telematics  
Messages  
Specification

## Manager Classic

Manager Classic encompasses all features that enable Fleet Managers to set up and manage customers and machines, schedule services and create reports.

### 1. Support

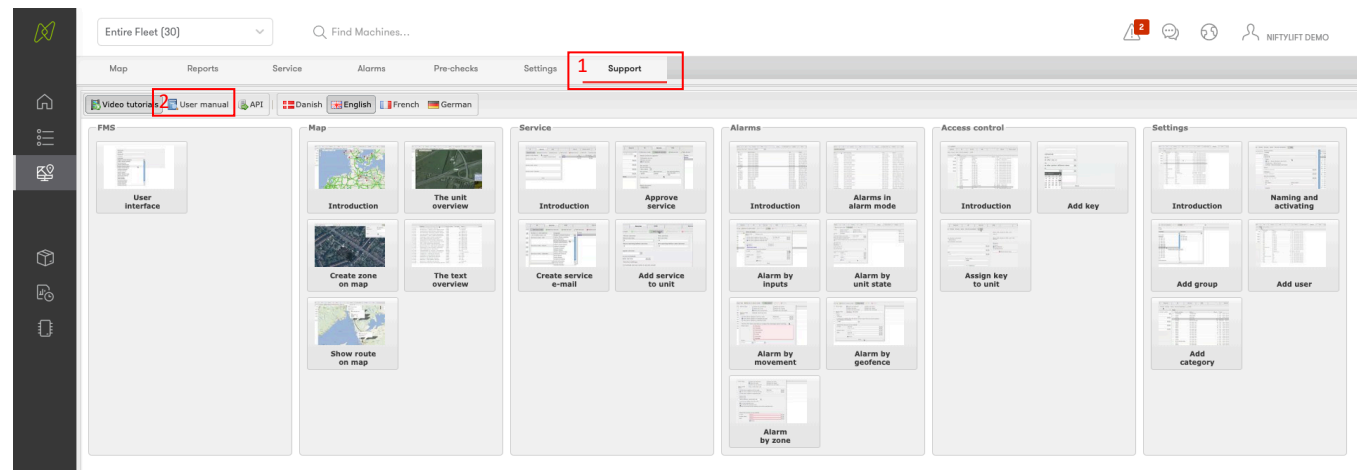
Select 'Support' to view video tutorials on all the functions of 'Manager Classic' including:

- Create reports
- Schedule services
- Set up alarms
- Set up access control

### 2. Manager Classic User Manual

Select to view the Manager Classic User Manual which explains in detail how to use all the functions of Manager Classic.

This is a separate document to the 'Niftylink Manager User Guide' you are currently reading.



# Fleet Inventory

Fleet Inventory takes data on your machines and puts this into easy-to-read charts. The charts can be filtered to only include specific brand, type, age or model of machines.

## 1. Brands

Chart displaying the number of different machine brands in your fleet.

## 2. Types

Chart displaying the number of different machine types in your fleet.

## 3. Age Distribution

Chart displaying the age of all the machines in your fleet.

## 4. Models

Chart displaying all the different machine models in your fleet and the quantity of each model.

## 5. Machines

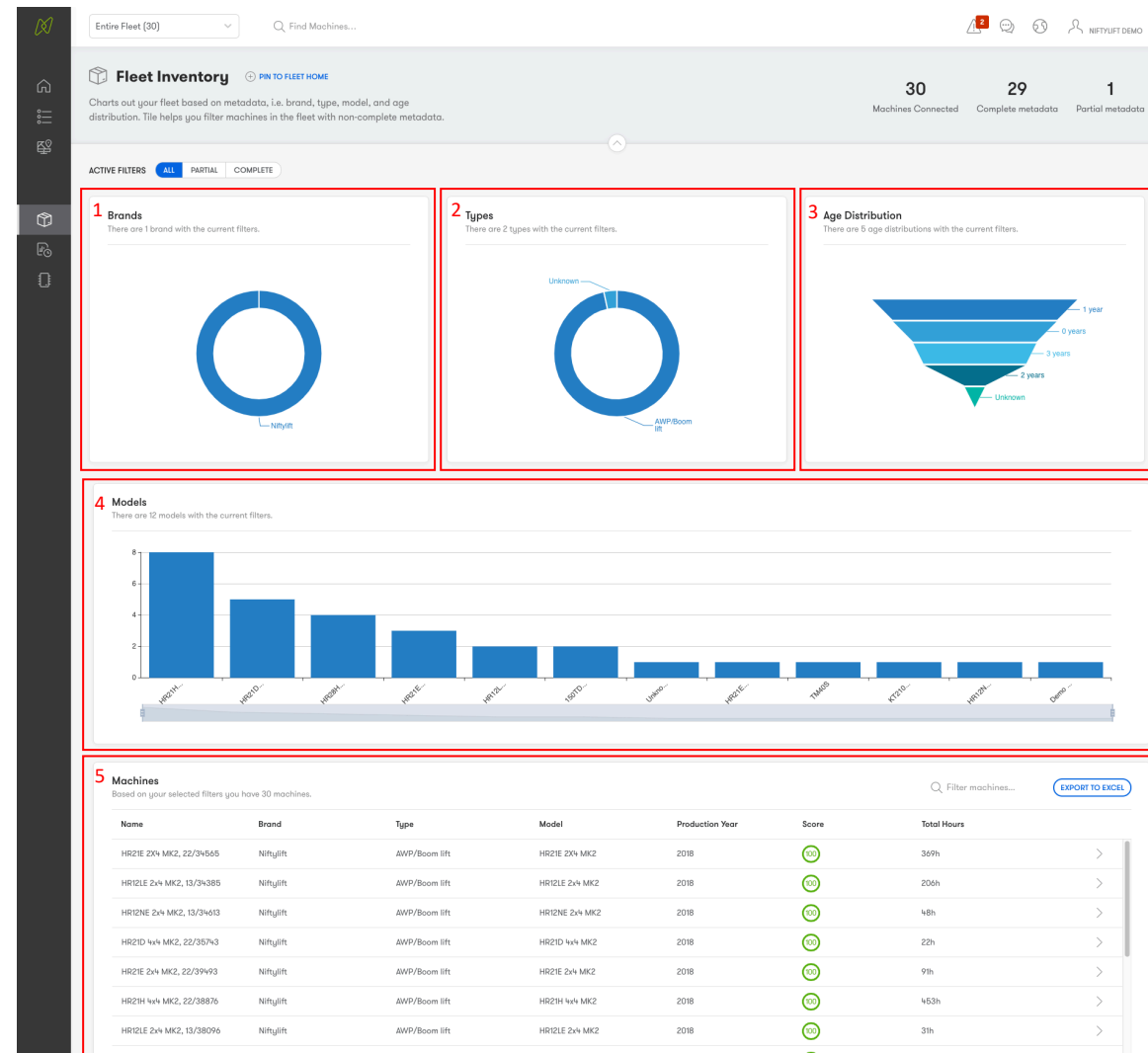
A list of all the machines in your fleet.

A list of machines that you can organise by the following categories:

- Name
- Brand
- Type
- Model
- Year of production
- Specification score
- Total hours worked

The 'Filter machines..' function allows you to filter the list by categories.

'Machines' can be exported to Excel by selecting the icon in the top right-hand corner of the section.



# Exceptions

Exceptions is an overview of all your machines that have worked over their allowed daily usage, e.g. Machines that worked for 9 hours when they should only have worked for 8.

## 1. Usage

Orange bar: Displays the number of hours that machines worked in excess of a standard workday.

Grey bar: Displays the number of machines that worked in excess of a standard workday.

Allowed daily usage can be changed to 1, 7, 12 and 24-hours per day.

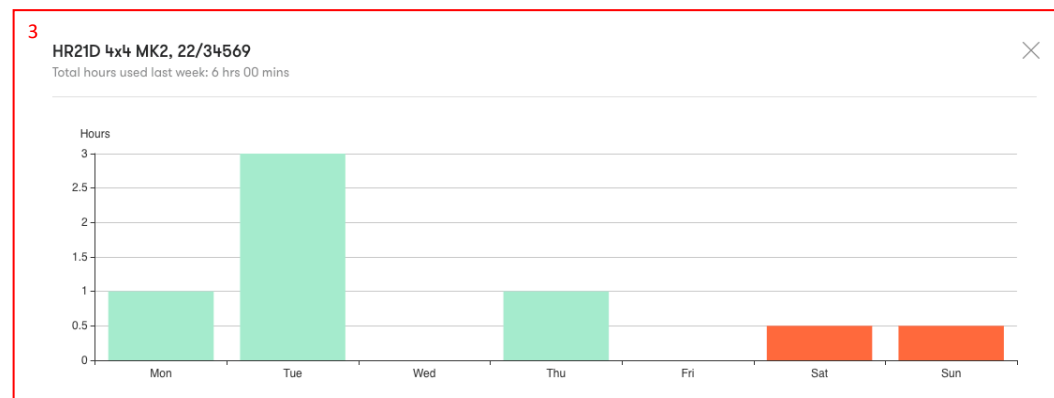
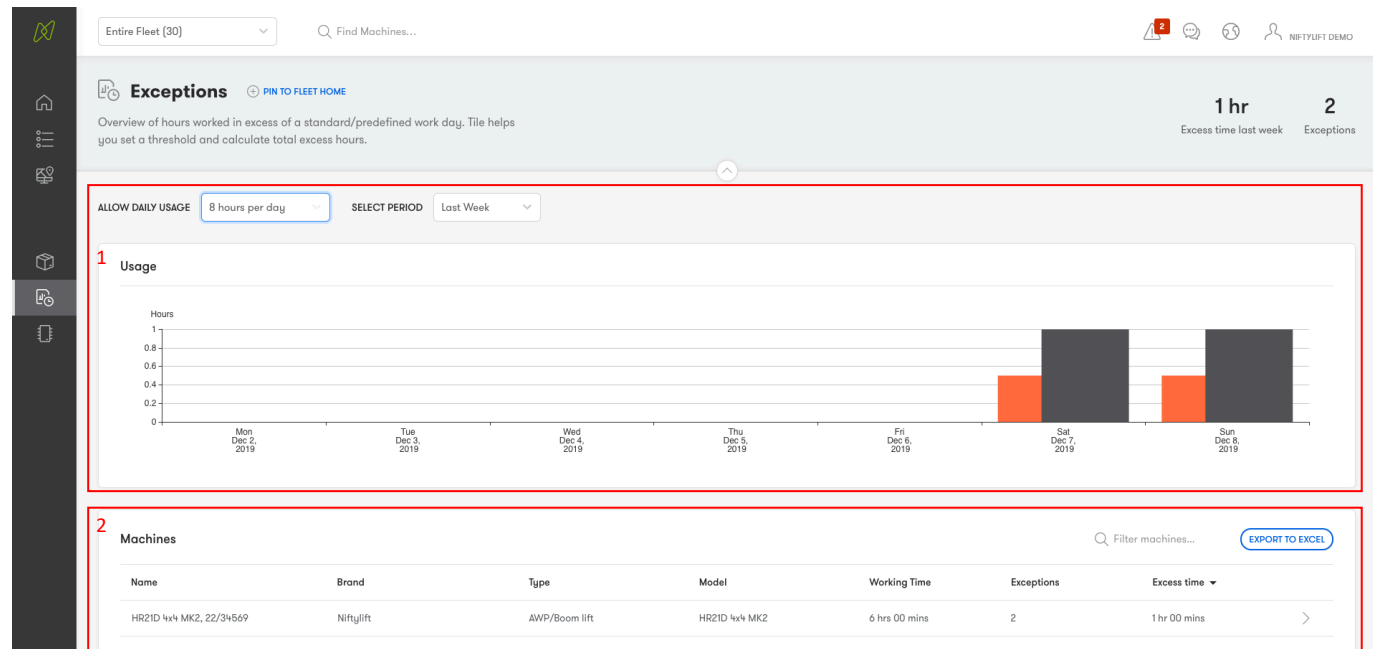
## 2. Machines

List of any machines that worked in excess of a standard workday.

'Machines' can be exported to Excel by selecting the icon in the top right-hand corner of the section.

## 3. Individual Machine

Select a specific machine to see which days it worked in excess of a standard workday.







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If you need any technical support, contact us.

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Email [technical@niftylift.com](mailto:technical@niftylift.com)

[www.niftylift.com/uk/niftylinksupport](http://www.niftylift.com/uk/niftylinksupport)