

Swarm Control Center



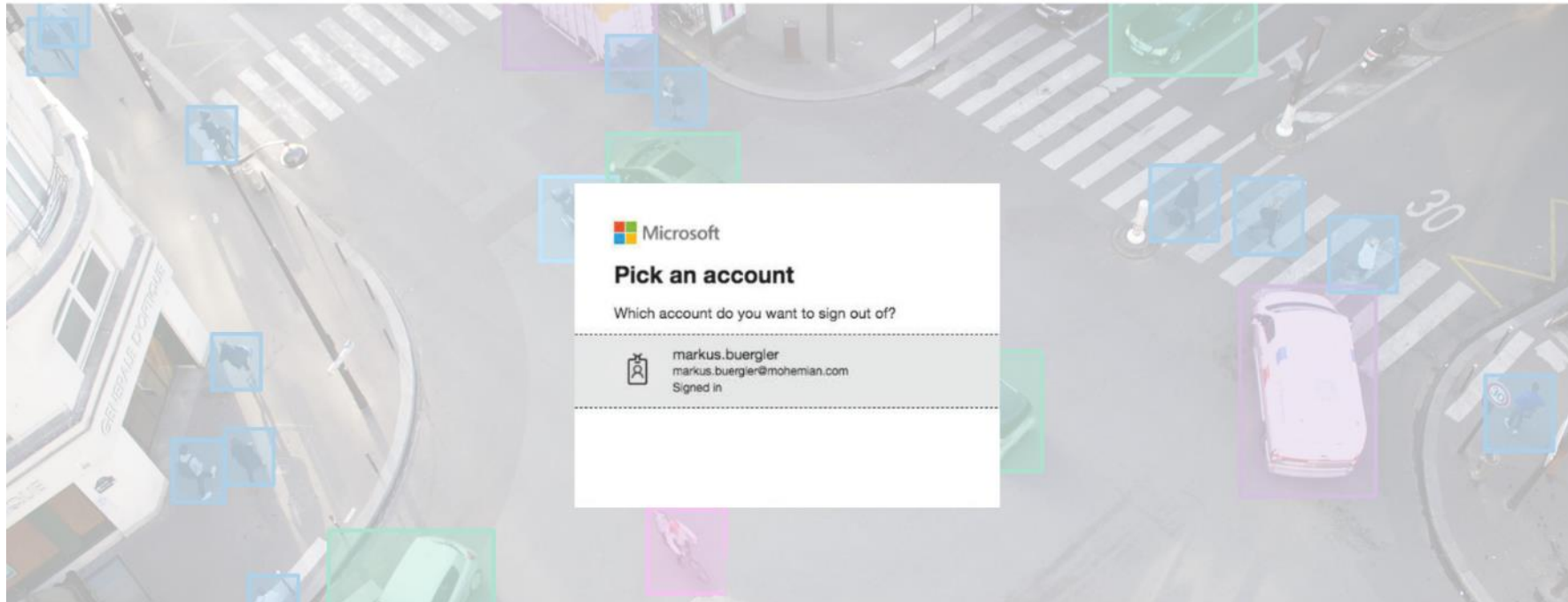
Centralized management of your Swarm Perception Boxes

Login



Swarm Control Center

Enabling the centralized management of your Swarm Perception Boxes



Explorer

Gain overview & centrally manage all your devices

The screenshot displays the Swarm Control Center interface. At the top left is the Swarm Analytics logo. The main header reads "Swarm Control Center powered by Swarm Analytics". On the right, the user is identified as "Username - Admin" with a profile icon. A left sidebar contains the "Explorer" menu with "Overview" selected. The main content area features a table with the following columns: Name/ID, Operation Mode, Software/Model, Connection, and Configuration. The table lists eight identical "Unnamed Device" entries, each with ID "b7aed...dadab", "Not defined" operation mode, "v.1.0.0 P100" software/model, and "Online" connection status. Each row includes a status icon (a red square with a white exclamation mark) and a configuration icon (a green arrow pointing right). At the bottom of the sidebar, there is a feedback icon and the text "Your feedback matters!" and "Control Center v.0.0.1".

Name/ID	Operation Mode	Software/Model	Connection	Configuration
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	

Explorer

Identify & select devices for configuration

The screenshot displays the Swarm Control Center Explorer interface. At the top, a black banner contains the text "New software update available! Update your Swarm Perception Boxes to v. 1.0.1" and a green "Update Now" button. Below this, the page title "Swarm Control Center powered by Swarm Analytics" is shown, along with the user "Username - Admin" and a profile icon. The main content area is a table with the following columns: "Name/ID", "Operation Mode", "Software/Model", "Connection", and "Configuration". The table lists six "Unnamed Device" entries, each with an ID starting with "b7aed...dadab". Each device has an "Operation Mode" of "Not defined", "Software/Model" of "v.1.0.0 P100", and a status of "Online". A tooltip is overlaid on the first device, containing the text "Configure your first device!" and "By clicking on any device, you start configuring your first Swarm Perception Box." The left sidebar includes the "Explorer" menu, "Overview", and a feedback icon with the text "Your feedback matters!". The bottom left corner shows "Control Center v0.0.1".

Name/ID	Operation Mode	Software/Model	Connection	Configuration
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	
Unnamed Device ID: b7aed...dadab	Not defined	v.1.0.0 P100	Online	

Device Configuration

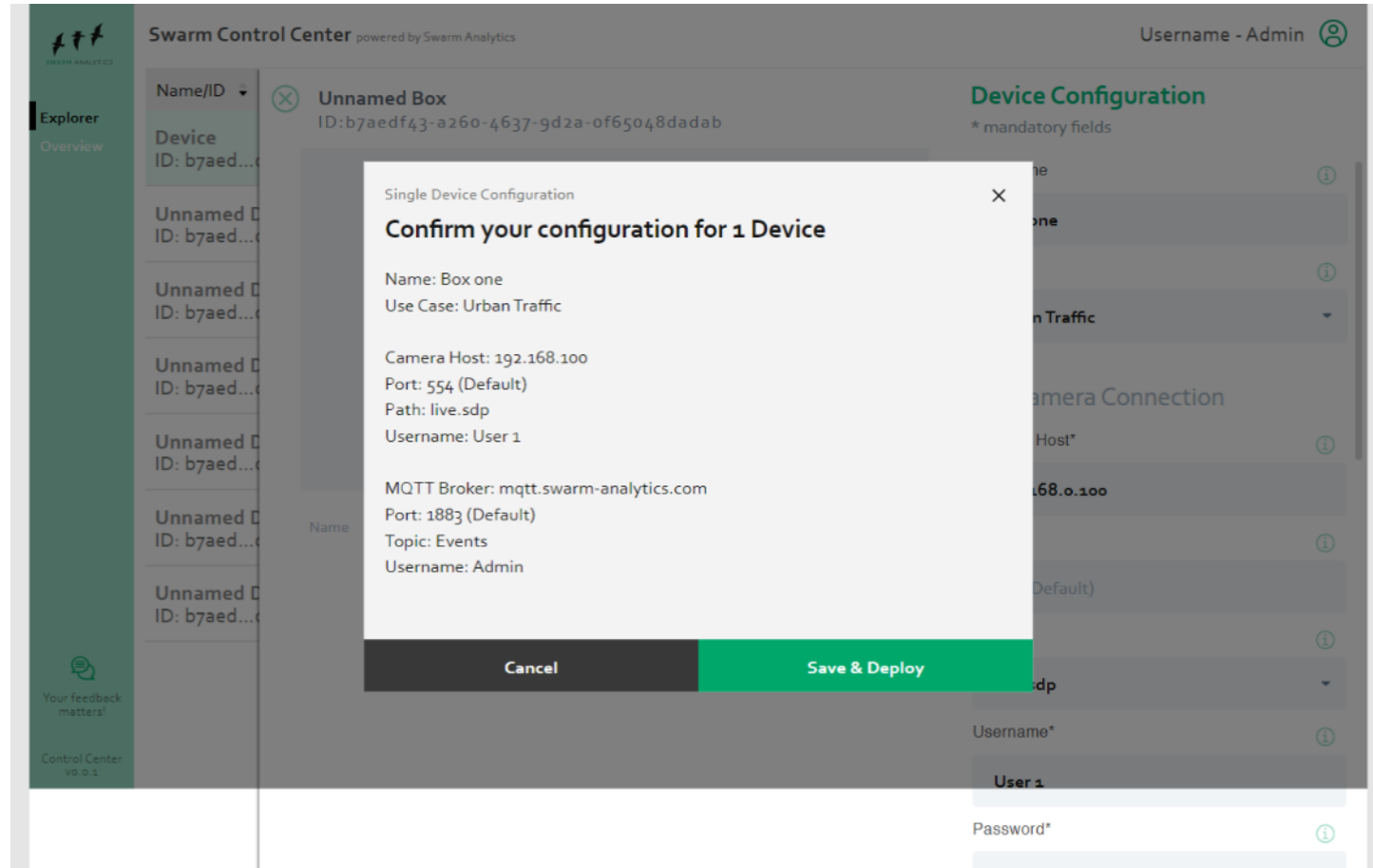
Configure your device in easy steps

- Name device
- Select model
- Define camera connection
- Define MQTT connection

The screenshot displays the Swarm Control Center interface. On the left is a sidebar with 'Explorer' and 'Overview' options. The main content area shows a list of devices, with one selected: 'Unnamed Box' (ID: b7aedf43-a260-4637-9d2a-0f65048dadab). A modal dialog box is overlaid on the device list, titled 'Name your Swarm Perception Box', with the text: 'Smart naming of your devices will help you to find and identify them quicker, especially when the number of devices increases. We recommend using the address, coordinates, or a sequence of numbers.' The right-hand side of the interface shows the 'Device Configuration' form for the selected device. The form includes fields for 'Device Name' (set to 'Unnamed Device (Default)'), 'Model*' (a dropdown menu), 'Camera Connection' section with 'Camera Host*' (set to 'DNS or IP'), 'Port' (set to '554 (Default)'), 'Path' (set to 'Empty (Default)'), 'Username*' (set to 'Username'), and 'Password*'. The top right corner shows the user 'Username - Admin'.

Device Configuration

Receive confirmation & summary of your configuration



Device Configuration

Retrieve frame of the camera stream

The screenshot displays the Swarm Control Center interface, powered by Swarm Analytics. The top navigation bar includes the Swarm Analytics logo, the title "Swarm Control Center powered by Swarm Analytics", and the user "Username - Admin".

The left sidebar contains an "Explorer" menu with "Overview" selected. Below the menu, a list of devices is shown, all named "Unnamed Device" with ID "b7aed...". At the bottom of the sidebar, there is a feedback icon and the text "Your feedback matters!" and "Control Center v0.0.1".

The main content area is divided into two sections. The top section shows the selected device "Box one" with ID "b7aedf43-a260-4637-9d2a-0f65048dadab". Below this, a large grey box contains a loading spinner and the text "Retrieving Frame, please wait...".

The bottom section is titled "Device Configuration" and contains several fields:

- Device Name:** Box one
- Model*:** Urban Traffic
- Camera Connection:**
 - Camera Host*:** 192.168.0.100
 - Port:** 554 (Default)
 - Path:** live.sdp
 - Username*:** User 1
 - Password*:**

At the bottom of the main content area, there is a table header with columns: Name, Type, Time/Event, UUID, and Edit.

Device Configuration

Preview & draw contextual information

- Add Region of Interest
- Add Crossing Lines

The screenshot shows the Swarm Control Center interface. On the left is a sidebar with 'Explorer Overview' and a list of unnamed devices. The main area is titled 'Device Configuration' for 'Box one' (ID: b7aedf43-a260-4637-9d2a-of65048dadab). It features a live video feed of a street scene with a green rectangular ROI drawn over a road. Below the video is a table with columns for Name, Type, Time/Event, UUID, and Edit. The table contains one row: ROI one, type icon, 1 min, time int., b7aedf43-a260-4637-9d2a-of65048dadab, and edit/delete icons. To the right of the video is a 'Device Configuration' panel with fields for Passport* (Box one), Camera Connection (Camera Host*: 192.168.0.100, Port: 554 (Default), Path: live.sdp), and Username* (User 1).

The screenshot shows the Swarm Control Center interface. On the left is a sidebar with 'Explorer Overview' and a list of unnamed devices. The main area is titled 'Device Configuration' for 'Box one' (ID: b7aedf43-a260-4637-9d2a-of65048dadab). It features a live video feed of a street scene with a green vertical line drawn across the road. Below the video is a table with columns for Name, Type, Time/Event, UUID, and Edit. The table contains one row: Crossing Line One, type icon, 1 min, time int., b7aedf43-a260-4637-9d2a-of65048dadab, and edit/delete icons. To the right of the video is a 'Device Configuration' panel with fields for Passport* (Box one), Camera Connection (Camera Host*: 192.168.0.100, Port: 554 (Default), Path: live.sdp), and Username* (User 1).

Swarm Control Center

The platform for the centralized management of your
Swarm Perception Boxes

Available February 2020

