

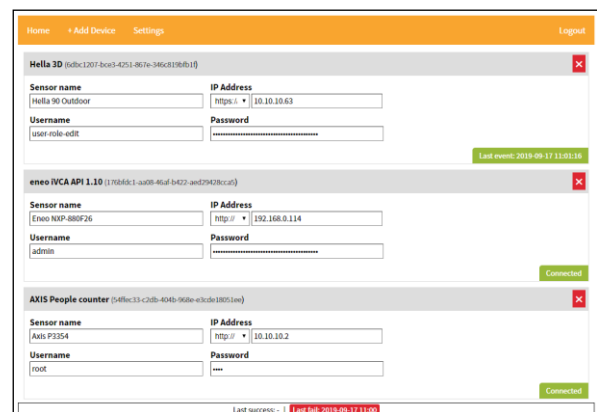
Edge Collector 2.0

Introduction

The Edge Collector software integrates data from sensors with edge analytics functionalities into the Netavis Retail solution.

Characteristics

- Can be installed on one's own hardware
- Supports Debian- and Red Hat Enterprise Linux distributions
- Supported data types:
 - Frequency counting
- Supported sensors:
 - AXIS 3D People Counter cameras
 - AXIS cameras with People Counter ACAP
 - Eneo iVCA cameras
 - Hella APS-90E and APS-180E 3D sensors
 - Hikvision Dual-Lense People Counter (IDS-2CD6810F/C) 3D sensors
 - Irisys Vector 4D time-of-flight sensors



Functionalities

- Login: user name and password
- Setup of sensors: Sensor model, IP address, access data
- Setup of the sMart Data Warehouse target system: SFTP URL, user, password, destination directory
- Error handling: interval-based upload re-attempts, upload, and sensor status indicators
- Low system requirements: Raspberry Pi 3 Model B +, low-end Intel NUC or equivalent

Example Architecture

