01. Frigate Installation

Configuration File

```
mqtt:
  enabled: true
  host: 10.131.2.131
  user: peaske
  password: 7&QpP1qBKikkers49$91

semantic_search:
  enabled: true
  reindex: false

record:
  enabled: true
  continuous:
    days: 14

snapshots:
  enabled: true
  retain:
    default: 14
  required_zones: [cam_1_person, cam_2_person, cam_3_person, cam_4_person,
        cam_5_person, cam_6_person, cam_7_person, cam_8_person, cam_9_person]
  # Optional: Camera override for retention settings (default: global values)

objects:
  track:
    - person

cameras:     # No cameras defined, UI wizard should be used
  cam_1:
    enabled: true
```

```
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    objects:
      track:
        - person
        - car
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
      alerts:
        labels:
          - person
          - car
        required_zones:
          - cam_1_person
    #      - cam_1_car
      detections:
        labels:
          - person
        required_zones:
          - cam_1_person
    #      - cam_1_car
    live:
```

```
      streams:
        Stream 1: cam_1_1
        Stream 2: cam_1_2
    notifications:
      enabled: true
    zones:
      cam_1_person:
        coordinates: 0.679,0.187,0.407,0.989,0.668,0.997,0.72,0.593,0.737,0.195
        inertia: 3
        loitering_time: 0
        objects: person
      #cam_1_car:
      #  coordinates: 0.539,0.127,0.285,0.374,0.073,0.772,0.186,1,0.651,0.149
      #  loitering_time: 0
      #  inertia: 3
      #  objects: car
  cam_2:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
```

```
      alerts:
        labels:
          - person
        required_zones:
          - cam_2_person
      detections:
        labels:
          - person
        required_zones:
          - cam_2_person
    live:
      streams:
        Stream 1: cam_2_1
        Stream 2: cam_2_2
    notifications:
      enabled: true
    zones:
      cam_2_person:
        coordinates: 0.483,0.265,0.35,0.998,0.754,0.992,0.582,0.009
        loitering_time: 0
        objects: person
    objects:
      filters:
        person:
          mask: 0.004,0.011,0.003,0.991,0.335,0.992,0.478,0.241,0.57,0.008
  cam_3:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=1&un
```

```
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
      alerts:
        labels:
          - person
        required_zones:
          - cam_3_person
      detections:
        labels:
          - person
        required_zones:
          - cam_3_person
    live:
      streams:
        Stream 1: cam_3_1
        Stream 2: cam_3_2
    zones:
      cam_3_person:
        coordinates: 0.497,0.106,0.59,0.991,0.462,0.992,0.45,0.13
        loitering_time: 0
        objects: person
    objects:
      filters:
        person:
          mask:
            0.506,0.113,0.601,0.982,0.995,0.989,0.992,0.018,0.545,0,0.61,0.087
  cam_4:
    enabled: true
    ffmpeg:
      inputs:
        - path:
```

```
rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=1&unicast=true&proto=Onvif
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
      alerts:
        labels:
          - person
        required_zones:
          - cam_4_person
      detections:
        labels:
          - person
        required_zones:
          - cam_4_person
    live:
      streams:
        Stream 1: cam_4_1
        Stream 2: cam_4_2
    notifications:
      enabled: true
    zones:
      cam_4_person:
        coordinates: 0.593,0.465,0.712,0.994,0.366,0.997,0.374,0.466
        loitering_time: 0
        objects: person
    objects:
```

```
      mask:
        0.311,0.005,0.359,0.431,0.664,0.437,0.817,0.995,0.995,0.998,0.994,0.009
  cam_5:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
      alerts:
        labels:
          - person
        required_zones:
          - cam_5_person
      detections:
        labels:
          - person
        required_zones:
          - cam_5_person
    live:
      streams:
        Stream 1: cam_5_1
        Stream 2: cam_5_2
```

```
    notifications:
      enabled: true
    zones:
      cam_5_person:
        coordinates: 0.534,0.116,0.517,0.991,0.332,0.998,0.491,0.113
        loitering_time: 0
        objects: person
    objects:
      mask: 0.004,0.005,0.006,0.997,0.315,0.994,0.491,0.023
  cam_6:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
      alerts:
        labels:
          - person
        required_zones:
          - cam_6_person
      detections:
        labels:
```

```
          - person
        required_zones:
          - cam_6_person
    live:
      streams:
        Stream 1: cam_6_1
        Stream 2: cam_6_2
    notifications:
      enabled: true
    zones:
      cam_6_person:
        coordinates: 0.225,0.198,0.279,0.593,0.346,0.998,0.489,1,0.253,0.166
        loitering_time: 0
        objects: person
    objects:
      mask:
        - 0.267,0.008,0.264,0.157,0.505,0.997,0.99,0.986,0.991,0.011
        - 0.003,0.008,0.007,0.994,0.31,0.991,0.194,0.017
  cam_7:
    enabled: true
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam_7_1
          input_args: preset-rtsp-restream
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.107:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
```

```
      alerts:
        labels:
          - person
        required_zones:
          - cam_7_person
      detections:
        labels:
          - person
        required_zones:
          - cam_7_person
    live:
      streams:
        Stream 1: cam_7_1
        Stream 2: cam_7_2
    notifications:
      enabled: true
    zones:
      cam_7_person:
        coordinates: 0.519,0.071,0.603,0.991,0.806,0.991,0.595,0.027
        loitering_time: 0
        objects: person
    objects:
      mask:
        - 0.005,0.015,0.009,0.986,0.436,0.991,0.457,0.015
        - 0.614,0.014,0.835,0.992,0.996,0.988,0.997,0.009
  cam_8:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=1&un
```

```
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
      alerts:
        labels:
          - person
        required_zones:
          - cam_8_person
      detections:
        labels:
          - person
        required_zones:
          - cam_8_person
    live:
      streams:
        Stream 1: cam_8_1
        Stream 2: cam_8_2
    notifications:
      enabled: true
    zones:
      cam_8_person:
        coordinates:
          0.287,0.585,0.092,0.753,0.126,0.887,0.19,1,0.356,0.931,0.477,0.694
        loitering_time: 0
        objects: person
  cam_9:
    enabled: true
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam_9_1
          input_args: preset-rtsp-restream
          roles:
            - record
```

```
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.109:554/cam/realmonitor?channel=1&subtype=1
          roles:
            - detect
    detect:
      enabled: true
      width: 1280
      height: 720
      fps: 5
    review:
      alerts:
        labels:
          - person
        required_zones:
          - cam_9_person
      detections:
        labels:
          - person
        required_zones:
          - cam_9_person
    live:
      streams:
        Stream 1: cam_9_1
        Stream 2: cam_9_2
    notifications:
      enabled: true
    zones:
      cam_9_person:
        coordinates: 0.362,0.184,0.703,0.52,0.554,0.971,0.365,0.973,0.128,0.588
        loitering_time: 0
        objects: person
version: 0.17-0
go2rtc:
  streams:
    cam_1_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=0&un
```

```
icast=true&proto=Onvif
    cam_1_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_2_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_2_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_3_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_3_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_4_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_4_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_5_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_5_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_6_1:
      -
```

```
rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_6_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_7_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.107:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_7_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.107:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_8_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_8_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_9_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.109:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_9_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.109:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif

notifications:
  enabled: true
  email: dp@p2pnode.org
```

Snapshot

Alerts

Detections

Recording

```
objects:
  track:
    #- person
    #- car
  filters:
    person:
      min_score: .60
      threshold: .65
    car:
      min_score: .60
      threshold: .65
```

Compose file

```
services:
  frigate:
    mem_limit: 5g
    container_name: frigate
    privileged: true # this may not be necessary for all setups
    restart: unless-stopped
    stop_grace_period: 30s # allow enough time to shut down the various services
    image: ghcr.io/blakeblackshear/frigate:stable
```

```
    shm_size: "1000mb" # update for your cameras based on calculation above
    devices:
   #   - /dev/bus/usb:/dev/bus/usb # Passes the USB Coral, needs to be modified for other
versions
   #   - /dev/apex_0:/dev/apex_0 # Passes a PCIe Coral, follow driver instructions here
https://coral.ai/docs/m2/get-started/#2a-on-linux
   #   - /dev/video11:/dev/video11 # For Raspberry Pi 4B
   #   - /dev/dri/card0:/dev/dri/card0 # For intel hwaccel, needs to be updated for your
hardware
      - /dev/dri/renderD128:/dev/dri/renderD128 # For intel hwaccel, needs to be updated
for your hardware
    volumes:
      - ./etc/localtime:/etc/localtime:ro
      - ./config:/config
      - ./media:/media/frigate
      - type: tmpfs # Optional: 1GB of memory, reduces SSD/SD Card wear
        target: /tmp/cache
        tmpfs:
          size: 1000000000
    ports:
      - 8971:8971
      - 8080:8080
      - 5000:5000 # Internal unauthenticated access. Expose carefully.
      - 8554:8554 # RTSP feeds
      - 8555:8555/tcp # WebRTC over tcp
      - 8555:8555/udp # WebRTC over udp
    environment:
      FRIGATE_RTSP_PASSWORD: "Stel137&QpP1qB"
  mqtt:
    mem_limit: 1g
    image: eclipse-mosquitto:latest
    container_name: mqtt
    restart: unless-stopped
    volumes:
      - ./mosquitto/config:/mosquitto/config
      - ./mosquitto/data:/mosquitto/data
      - ./mosquitto/log:/mosquitto/log
    ports:
      - 1883:1883
```

```
# With 1280x720 detect resolution

mqtt:
  host: mqtt # The hostname of mqtt in the docker compose file
  topic_prefix: frigate
  enabled: true

# ____________________________________Detection_____________________________________

#ffmpeg: #If you use an AMD CPU for detection then leave this whole section uncommented
#  hwaccel_args: preset-vaapi
#  output_args:
#    record: preset-record-generic-audi-aac

#detectors:
#  ov_0:
#    type: openvino
#    device: CPU
#  ov_1:
#    type: openvino
#    device: CPU
#  ov_2:
#    type: openvino
#    device: CPU


#logger:
#  default: info
#  logs:
#    frigate.video: debug  # Enable FFmpeg debug logs
#ffmpeg:
#  input_args:
#    - hwaccel
#    - vaapi
#    - rtsp_transport
```

```
#    - tcp
#
# ------------------------------------Timezone -----------------------------------
# This makes sure that Frigate always uses the local time and does not switch to another
# Timezone when it is viewed remotely.

ui:
  timezone: Europe/Berlin

# ------------------------------------Tracked Objects ----------------------------------

objects:
  track:
    - person
    - car
  filters:
    person:
      min_score: .60
      threshold: .65
    car:
      min_score: .60
      threshold: .65

detect:
  enabled: true
go2rtc:
  streams:
    cam1:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.101/cam/realmonitor?channel=1&subtype=0
    cam1_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.101/cam/realmonitor?channel=1&subtype=1
    cam2:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.102/cam/realmonitor?channel=1&subtype=0
    cam2_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.102/cam/realmonitor?channel=1&subtype=1
    cam3:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.103/cam/realmonitor?channel=1&subtype=0
    cam3_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.103/cam/realmonitor?channel=1&subtype=1
    cam4:
```

```
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.104/cam/realmonitor?channel=1&subtype=0
    cam4_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.104/cam/realmonitor?channel=1&subtype=1
    cam5:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.105/cam/realmonitor?channel=1&subtype=0
    cam5_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.105/cam/realmonitor?channel=1&subtype=1
    cam6:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.106/cam/realmonitor?channel=1&subtype=0
    cam6_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.106/cam/realmonitor?channel=1&subtype=1
    cam7:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.107/cam/realmonitor?channel=1&subtype=0
    cam7_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.107/cam/realmonitor?channel=1&subtype=1
    cam8:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.108/cam/realmonitor?channel=1&subtype=0
    cam8_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.108/cam/realmonitor?channel=1&subtype=1
    cam9:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.109/cam/realmonitor?channel=1&subtype=0
    cam9_sub:
      - rtsp://admin:Stel13DeternetArea1()@10.131.2.109/cam/realmonitor?channel=1&subtype=1


cameras:
# ---------------------------------------CAM 1 ------------------------------------
  cam1:
    review:
      alerts:
        required_zones: cam1_parking_lot
      detections:
        required_zones: cam1_parking_lot
    lpr:
      enabled: false
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam1_sub
          input_args: preset-rtsp-restream
          roles:
```

```
        - detect
    - path: rtsp://127.0.0.1:8554/cam1
      input_args: preset-rtsp-restream
      roles:
        - record
  output_args:
    record: preset-record-generic-audio-aac
detect:
  width: 1280
  height: 720
  fps: 5
objects:
  track:
    - person
    - car
  filters:
    person:
      mask: 0,1,0.117,1,0.236,0.86,0.649,0.13,0.719,0,0.625,0,0,0
snapshots:
  required_zones:
    - cam1_parking_lot
  enabled: true
  timestamp: true
  bounding_box: true
  crop: true
  height: 500
  retain:
    default: 14
record:
  enabled: true
  alerts:
    retain:
      days: 14
    pre_capture: 15
    post_capture: 15
  detections:
    retain:
      days: 14
    pre_capture: 15
    post_capture: 15
```

```
      continuous:
        retain:
          days: 14
      motion:
        days: 0
    notifications:
      enabled: true

    zones:
      cam1_parking_lot:
        coordinates:

0.235,0.881,0.129,1,0.487,1,0.678,0.997,0.741,0.47,0.747,0.207,0.752,0,0.733,0,0.715,0.026,0.4
95,0.423,0.485,0.437
        inertia: 3
        loitering_time: 0
    motion:
      mask:
        0.742,0,0.745,0.204,0.741,0.46,0.718,0.719,0.678,0.998,0.996,0.998,0.994,0.003

# ---------------------------------------CAM 2 ------------------------------------

  cam2:
    review:
      alerts:
        required_zones: cam2_person
      detections:
        required_zones: cam2_person
    lpr:
      enabled: false
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam2_sub
          input_args: preset-rtsp-restream
          roles:
            - detect
        - path: rtsp://127.0.0.1:8554/cam2
          input_args: preset-rtsp-restream
          roles:
            - record
```

```
    output_args:
      record: preset-record-generic-audio-aac
  detect:
    width: 1280
    height: 720
    fps: 5
  objects:
    track:
      - person
    filters:
      person:
        min_area: 2000
        max_area: 90000
    mask: 0,0,0,1,0.373,1,0.56,0
  snapshots:
    required_zones:
      - cam2_person
    enabled: true
    timestamp: true
    bounding_box: true
    crop: true
    height: 500
    retain:
      default: 14
  record:
    enabled: true
    alerts:
      retain:
        days: 14
      pre_capture: 15
      post_capture: 15
    detections:
      retain:
        days: 14
      pre_capture: 15
      post_capture: 15
    continuous:
      days: 14
    motion:
      days: 0
```

```
    notifications:
      enabled: true

    zones:
      cam2_person:
        coordinates: 0.808,1,0.374,1,0.56,0,0.58,0
        inertia: 3
        loitering_time: 0
        objects: person
    motion:
      mask: 0.584,0,0.812,0.998,0.995,0.995,1,0

# ---------------------------------------CAM 3 ------------------------------------

  cam3:
    review:
      alerts:
        required_zones: cam3_person
      detections:
        required_zones: cam3_person
    lpr:
      enabled: false
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam3_sub
          input_args: preset-rtsp-restream
          roles:
            - detect
        - path: rtsp://127.0.0.1:8554/cam3
          input_args: preset-rtsp-restream
          roles:
            - record
      output_args:
        record: preset-record-generic-audio-aac
    detect:
      width: 1280
      height: 720
      fps: 5
    objects:
      track:
```

```
    - person
  mask: 0.539,0.003,0.732,1,0.996,0.995,0.996,0.008
snapshots:
  required_zones:
    - cam3_person
  enabled: true
  timestamp: true
  bounding_box: true
  crop: true
  height: 500
  retain:
    default: 14
record:
  enabled: true
  alerts:
    retain:
      days: 14
    pre_capture: 15
    post_capture: 15
  detections:
    retain:
      days: 14
    pre_capture: 15
    post_capture: 15
  continuous:
    days: 14
  motion:
    days: 0
notifications:
  enabled: true


zones:
  cam3_person:
    coordinates: 0.442,0,0.243,0.992,0.723,1,0.535,0.003
    inertia: 3
    loitering_time: 0
    objects: person
motion:
  mask:
    - 0.627,0.032,0.631,0.079,0.971,0.077,0.972,0.034
```

```
        - 0.002,0.003,0.007,0.994,0.238,0.99,0.44,0.003

# ---------------------------------------CAM 4 ----------------------------------

  cam4:
    review:
      alerts:
        required_zones: cam4_person
      detections:
        required_zones: cam4_person
    lpr:
      enabled: false
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam4_sub
          input_args: preset-rtsp-restream
          roles:
            - detect
        - path: rtsp://127.0.0.1:8554/cam4
          input_args: preset-rtsp-restream
          roles:
            - record
      output_args:
        record: preset-record-generic-audio-aac
    detect:
      width: 1280
      height: 720
      fps: 5
    objects:
      track:
        - person
      mask:
        - 0.67,1,0.996,0.992,0.997,0.006,0.302,0.001,0.366,0.538,0.52,0.496,0.575,0.468
        - 0.003,0.002,0,0.978,0.039,0.537,0.295,0.014
    snapshots:
      required_zones:
        - cam4_person
      enabled: true
      timestamp: true
      bounding_box: true
```

```
      crop: true
      height: 500
      retain:
        default: 14
    record:
      enabled: true
      alerts:
        retain:
          days: 14
        pre_capture: 15
        post_capture: 15
      detections:
        retain:
          days: 14
        pre_capture: 15
        post_capture: 15
      continuous:
        days: 14
      motion:
        days: 0
    notifications:
      enabled: true

    zones:
      cam4_person:
        coordinates:
          0.045,0.541,0,0.998,0.664,1,0.572,0.493,0.501,0.513,0.364,0.545,0.299,0.016
        inertia: 3
        loitering_time: 0
        objects: person
    motion: {}

# ------------------------------------CAM 5 ----------------------------------

  cam5:
    review:
      alerts:
        required_zones: cam5_person
      detections:
        required_zones: cam5_person
```

```
lpr:
  enabled: false
ffmpeg:
  inputs:
    - path: rtsp://127.0.0.1:8554/cam5_sub
      input_args: preset-rtsp-restream
      roles:
        - detect
    - path: rtsp://127.0.0.1:8554/cam5
      input_args: preset-rtsp-restream
      roles:
        - record
  output_args:
    record: preset-record-generic-audio-aac
detect:
  width: 1280
  height: 720
  fps: 5
objects:
  track:
    - person
  mask: 0,0,0,1,0.179,1,0.511,0
snapshots:
  required_zones:
    - cam5_person
  enabled: true
  timestamp: true
  bounding_box: true
  crop: true
  height: 500
  retain:
    default: 14
record:
  enabled: true
  alerts:
    retain:
      days: 14
    pre_capture: 15
    post_capture: 15
  detections:
```

```
        retain:
          days: 14
        pre_capture: 15
        post_capture: 15
      continuous:
        days: 14
      motion:
        days: 0
    notifications:
      enabled: true

    zones:
      cam5_person:
        coordinates:
          0.521,0,0.456,0.185,0.383,0.42,0.308,0.639,0.193,1,0.811,0.997,0.568,0.005
        inertia: 3
        loitering_time: 0
        objects: person
    motion:
      mask: 0.566,0,0.816,0.998,0.999,0.995,0.998,0.005

# ---------------------------------------CAM 6 ------------------------------------

  cam6:
    review:
      alerts:
        required_zones: cam6_person
      detections:
        required_zones: cam6_person
    lpr:
      enabled: false
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam6_sub
          input_args: preset-rtsp-restream
          roles:
            - detect
        - path: rtsp://127.0.0.1:8554/cam6
          input_args: preset-rtsp-restream
          roles:
```

```
        - record
    output_args:
      record: preset-record-generic-audio-aac
  detect:
    width: 1280
    height: 720
    fps: 5
  objects:
    track:
      - person
    filters:
      person:
        min_area: 3000
        max_area: 90000
    mask:
      1,1,1,0,0.216,0,0.235,0.231,0.271,0.22,0.298,0.21,0.312,0.249,0.554,1
  snapshots:
    required_zones:
      - cam6_person
    enabled: true
    timestamp: true
    bounding_box: true
    crop: true
    height: 500
    retain:
      default: 14
  record:
    enabled: true
    alerts:
      retain:
        days: 14
      pre_capture: 15
      post_capture: 15
    detections:
      retain:
        days: 14
      pre_capture: 15
      post_capture: 15
    continuous:
      days: 14
```

```
      motion:
        days: 0
    notifications:
      enabled: true

    zones:
      cam6_person:
        coordinates:
          0.215,0.016,0.131,0.333,0.075,1,0.543,0.988,0.296,0.222,0.232,0.245
        inertia: 3
        loitering_time: 0
        objects: person
    motion:
      mask: 0.002,0.003,0.005,0.997,0.069,0.997,0.128,0.321,0.212,0.002

# ---------------------------------------CAM 7 ----------------------------------

  cam7:
    review:
      alerts:
        required_zones: cam7_person
      detections:
        required_zones: cam7_person
    lpr:
      enabled: false
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam7_sub
          input_args: preset-rtsp-restream
          roles:
            - detect
        - path: rtsp://127.0.0.1:8554/cam7
          input_args: preset-rtsp-restream
          roles:
            - record
      output_args:
        record: preset-record-generic-audio-aac
    detect:
      width: 1280
      height: 720
```

```
    fps: 5
  objects:
    track:
      - person
    mask: 0.616,0.003,0.756,0.445,0.866,0.99,0.994,0.997,0.996,0.006
  snapshots:
    required_zones:
      - cam7_person
    enabled: true
    timestamp: true
    bounding_box: true
    crop: true
    height: 500
    retain:
      default: 14
  record:
    enabled: true
    alerts:
      retain:
        days: 14
      pre_capture: 15
      post_capture: 15
    detections:
      retain:
        days: 14
      pre_capture: 15
      post_capture: 15
    continuous:
      days: 14
    motion:
      days: 0
  notifications:
    enabled: true

  zones:
    cam7_person:
      coordinates:
        0.404,0,0.308,1,0.861,0.994,0.815,0.742,0.739,0.408,0.611,0.002
      inertia: 3
      loitering_time: 0
```

```
        objects: person
    motion:
      mask:
        - 0.001,0.003,0.004,0.992,0.303,0.997,0.398,0.005
        - 0.629,0.03,0.633,0.074,0.97,0.079,0.971,0.032

# ---------------------------------------CAM 8 -----------------------------------

  cam8:
    review:
      alerts:
        required_zones: cam8_person
      detections:
        required_zones: cam8_person
    lpr:
      enabled: false
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam8_sub
          input_args: preset-rtsp-restream
          roles:
            - detect
        - path: rtsp://127.0.0.1:8554/cam8
          input_args: preset-rtsp-restream
          roles:
            - record
      output_args:
        record: preset-record-generic-audio-aac
    detect:
      width: 1280
      height: 720
      fps: 5
    objects:
      track:
        - person
      filters:
        person:
          min_area: 5000
          max_area: 90000
      mask:
```

```
        0.279,0.01,0.342,0.604,0.67,0.801,0.634,0.944,0.62,0.997,0.996,0.995,0.995,0.003
    snapshots:
      required_zones:
        - cam8_person
      enabled: true
      timestamp: true
      bounding_box: true
      crop: true
      height: 500
      retain:
        default: 14
    record:
      enabled: true
      alerts:
        retain:
          days: 14
        pre_capture: 15
        post_capture: 15
      detections:
        retain:
          days: 14
        pre_capture: 15
        post_capture: 15
      continuous:
        days: 14
      motion:
        days: 0
    notifications:
      enabled: true

    zones:
      cam8_person:
        coordinates: 0.042,0.612,0.174,0.99,0.62,0.997,0.671,0.798,0.155,0.499
        inertia: 3
        loitering_time: 0
        objects: person
    motion:
      mask: 0.629,0.027,0.634,0.08,0.972,0.08,0.972,0.03

# ------------------------------------CAM 9 ----------------------------------
```

```
cam9:
  lpr:
    enabled: false
  ffmpeg:
    inputs:
      - path: rtsp://127.0.0.1:8554/cam9_sub
        input_args: preset-rtsp-restream
        roles:
          - detect
      - path: rtsp://127.0.0.1:8554/cam9
        input_args: preset-rtsp-restream
        roles:
          - record
    output_args:
      record: preset-record-generic-audio-aac
  detect:
    width: 1280
    height: 720
    fps: 5
  objects:
    track:
      - person
    filters:
      person:
        min_area: 5000
        max_area: 90000
  snapshots:
    required_zones:
      - cam9_person
    enabled: true
    timestamp: true
    bounding_box: true
    crop: true
    height: 500
    retain:
      default: 14
  record:
    enabled: true
    alerts:
```

```
        retain:
          days: 14
        pre_capture: 15
        post_capture: 15
      detections:
        retain:
          days: 14
        pre_capture: 15
        post_capture: 15
      continuous:
        days: 14
      motion:
        days: 0
    notifications:
      enabled: true

    motion:
      mask: 0.627,0.032,0.628,0.079,0.971,0.082,0.974,0.032
    zones:
      cam9_person:
        coordinates:
          0.123,0.587,0.374,1,0.562,1,0.824,0.018,0.488,0.01,0.324,0.253
        loitering_time: 0
        objects: person
version: 0.17-0


semantic_search:
  enabled: true
  model_size: small
face_recognition:
  enabled: false
  model_size: small
lpr:
  enabled: false
classification:
  bird:
    enabled: false
notifications:
  enabled: true
```

```
email: dp@p2pnode.org
```

New Config

```
mqtt:
  enabled: true

semantic_search:
  enabled: true
  reindex: false

objects:
  track:
    - person
    - car
  filters:
    person:
      min_score: .60
      threshold: .65
    car:
      min_score: .60
      threshold: .65




cameras:     # No cameras defined, UI wizard should be used
  cam_1:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
```

```
        - path:
rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=1&unicast=true&proto=Onvif
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_1_1
        Stream 2: cam_1_2
    notifications:
      enabled: true
    zones:
      cam_1_person:
        coordinates:
          0.596,0.09,0.523,0.089,0,0.549,0,1,0.111,1,0.607,0.985,0.652,0.097
        inertia: 3
        loitering_time: 0
        objects: person
  cam_2:
    enabled: true
    ffmpeg:
      inputs:
        - path:
rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:
```

```
rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_2_1
        Stream 2: cam_2_2
    notifications:
      enabled: true
    zones:
      cam_2_person:
        coordinates: 0.483,0.265,0.35,0.998,0.754,0.992,0.582,0.009
        loitering_time: 0
        objects: person
  cam_3:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
```

```
    detect:
      width: 1280
      height: 720
    live:
      streams:
        Stream 1: cam_3_1
        Stream 2: cam_3_2
    zones:
      cam_3_person:
        coordinates: 0.497,0.106,0.59,0.991,0.462,0.992,0.45,0.13
        loitering_time: 0
        objects: person
  cam_4:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_4_1
```

```
        Stream 2: cam_4_2
    notifications:
      enabled: true
    zones:
      cam_4_person:
        coordinates: 0.593,0.465,0.712,0.994,0.366,0.997,0.374,0.466
        loitering_time: 0
        objects: person
  cam_5:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_5_1
        Stream 2: cam_5_2
    notifications:
      enabled: true
    zones:
```

```
      cam_5_person:
        coordinates: 0.534,0.116,0.517,0.991,0.332,0.998,0.491,0.113
        loitering_time: 0
        objects: person
  cam_6:
    enabled: true
    ffmpeg:
      inputs:
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_6_1
        Stream 2: cam_6_2
    notifications:
      enabled: true
    zones:
      cam_6_person:
        coordinates: 0.225,0.198,0.279,0.593,0.346,0.998,0.489,1,0.253,0.166
        loitering_time: 0
        objects: person
```

```
  cam_7:
    enabled: true
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam_7_1
          input_args: preset-rtsp-restream
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.107:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_7_1
        Stream 2: cam_7_2
    notifications:
      enabled: true
    zones:
      cam_7_person:
        coordinates: 0.519,0.071,0.603,0.991,0.806,0.991,0.595,0.027
        loitering_time: 0
        objects: person
  cam_8:
    enabled: true
    ffmpeg:
      inputs:
        - path:
```

```
rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif
          roles:
            - record
            - audio
        - path:

rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=1&unicast=true&proto=Onvif
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_8_1
        Stream 2: cam_8_2
    notifications:
      enabled: true
    zones:
      cam_8_person:
        coordinates:
          0.287,0.585,0.092,0.753,0.126,0.887,0.19,1,0.356,0.931,0.477,0.694
        loitering_time: 0
        objects: person
  cam_9:
    enabled: true
    ffmpeg:
      inputs:
        - path: rtsp://127.0.0.1:8554/cam_9_1
          input_args: preset-rtsp-restream
          roles:
            - record
            - audio
```

```
        - path:
rtsp://admin:Stel13DeternetArea1()@10.131.2.109:554/cam/realmonitor?channel=1&subtype=1
          roles:
            - detect
    detect:
      width: 1280
      height: 720
    record:
      enabled: true
      continuous:
        days: 14
    live:
      streams:
        Stream 1: cam_9_1
        Stream 2: cam_9_2
    notifications:
      enabled: true
    zones:
      cam_9_person:
        coordinates: 0.362,0.184,0.703,0.52,0.554,0.971,0.365,0.973,0.128,0.588
        loitering_time: 0
        objects: person
version: 0.17-0
go2rtc:
  streams:
    cam_1_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_1_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.101:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_2_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_2_2:
```

```
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.102:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_3_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_3_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.103:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_4_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_4_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.104:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_5_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_5_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.105:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_6_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_6_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.106:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_7_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.107:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
```

```
    cam_7_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.107:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_8_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_8_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.108:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
    cam_9_1:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.109:554/cam/realmonitor?channel=1&subtype=0&un
icast=true&proto=Onvif
    cam_9_2:
      -
rtsp://admin:Stel13DeternetArea1()@10.131.2.109:554/cam/realmonitor?channel=1&subtype=1&un
icast=true&proto=Onvif
notifications:
  enabled: true
  email: dp@p2pnode.org
```

Revision #1
Created 2026-07-05 23:56:16 UTC by dpasn
Updated 2026-07-05 23:56:16 UTC by dpasn