



The CSI Lab is located in the Forensic Field Lab at the Netherlands Forensic Institute. A rebuilt crime scene has been equipped with the EagleGrid. During training, the exact trajectories of investigators are measured and analysed .



This European project aims to develop technology based safety tools for elderly and children. The EagleGrid is used for behavior analysis and alarm detection of children (playing or fighting ) and of babies (sleeping or crawling).



Intelligent and energy saving lighting control is possible with automated sensing and people behavior analysis with the EagleGrid. With partners like Philips and Osram, developed applications will be used globally.

Safety and security

Health/Elderly care

Retail

Office buildings

Public Transportation

Human Behavior Research

For roll-out in these application areas Eagle Vision cooperates closely with specific application partners and system integrators. Please contact us for more details.

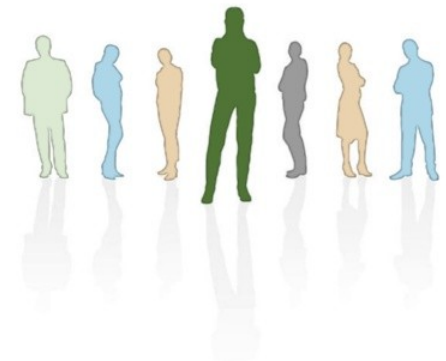
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## EagleGrid

Reliable people tracking and event analysis



## Functionalities:

### People Counting

tripwire, wide area, direction sensitive

### Area monitoring

zone entering, occupancy rate, object tracking, heat map

### Access control

single person entry, four eyes policy

### Waiting time analysis

service time, waiting time, behavior

### Fall detection

### Behavior analysis

office occupancy ,workspace allocation, lighting control, smart building

## Advantages:

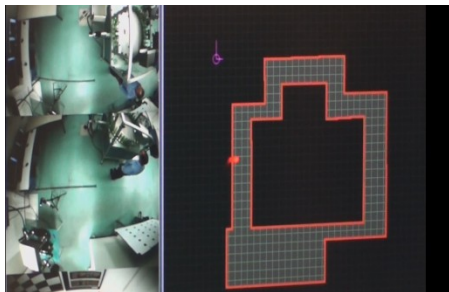
- ✓ Scalable with standard IP network
- ✓ No sensors/trackers on body required
- ✓ Small units integrated in ceiling/building
- ✓ Simple installation and integration
- ✓ New or existing buildings
- ✓ Low cost
- ✓ Flexible functionality
- ✓ “Privacy by design” because of local video processing

## People tracking:

Optimizing people processes requires reliable people tracking. Tracking is done with a scalable network of small size EagleEye units. Each unit has a 3D stereocamera and calculates on-board the trajectories of all passing objects. The EagleTrackingEngine software combines all these tracks in a consistent manner for the entire covered area.

## Event generation:

Based on these tracks, people logistic events are generated. Typical examples are listed in section “functionalities”. Custom event detection can be developed as well.



## Open interface:

EagleGrid can be used stand alone with a local alarming or control interface. It also interfaces easily to mobile devices, external security or building management systems using a standard ICT network (IP).

## Ceiling mounted installation:

