

Description

The Xtralis LoiterTrace application, provides high performance loiter detection using video analytics specifically designed for indoor/outdoor operation. LoiterTrace is an image analysis tool able to detect humans remaining too long in the scene. The analytic uses advanced algorithms to maximize target detection and tracking. It is able to detect loitering persons even if they remain static for a long time (like when the person is sleeping). With simple "region of interest" configuration, LoiterTrace detection is suited for office lobbies, entrance halls of public buildings, etc.

LoiterTrace is now available for server platforms and edge devices. Supporting up to 32* channels on ADPRO® devices and up to 8* channels on HeiTel devices, LoiterTrace complements the powerful recording, transmission, alarm handling and flexible licensing capabilities of these established platforms with high performance video loitering detection. LoiterTrace also supports Honeywell and Axis edge devices such as video cameras and encoders. Running on the device itself, LoiterTrace takes analytics to the video source, providing self-contained, high performance loitering detection on a networked device. Close integration with the device platform ensures compliant event management and alarm reporting for seamless system integration. LoiterTrace on the edge complements the rack-mount and mobile platforms with a simple camera approach to give solutions for every scenario.

Specifications

- A video analytic application that detects loitering
- Designed for 24/365 indoor and outdoor applications
- Detects moving targets and targets that come to a stop
- Intuitive parameters for effective detection with minimal false alarms
- A wide range of applications including:
 - Monitoring of public areas such as parks, car parks, lobbies and entrances
 - Reducing undesirable behaviour linked to substance abuse
 - Reducing risk to property such as vandalism, graffiti, arson
 - Reducing risk to people from harassment near building entrances
 - Reducing risk of crime such as identity theft near ATMs
 - Alerting staff to potential vagrants and reducing crime through early intervention

Licensing

LoiterTrace is a software-only, licensed product. Licenses are available in bundles, and trial licenses are available free of charge. Speak to your salesperson for details. You can also visit www.xtralis.com/analytics for the latest information on the product, and www.xtralis.com/license for information on the flexible licensing options available.

Camera Considerations

Note that LoiterTrace should only be used in the home position of PTZ cameras. Also note that built-in ring-lights on cameras are not recommended for 24/7 outdoor analytics applications, other sources of lighting should be considered.

* Hardware dependent



Unique Features

- Adjustable detection and mask areas to suit application
- Advanced logic to double-knock with other events*
- Fast installation and commissioning
- Remote servicing
- Supports for IP and Analogue cameras*
- Independent object and contrast sensitivity settings
- Versatile loiter time adjustments to suit target and application
- Rapid verification/response with clearly highlighted targets
- Audio link can be used to deter offenders*

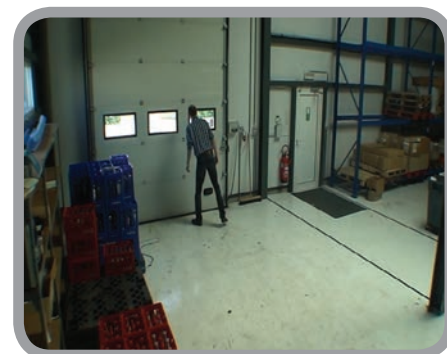
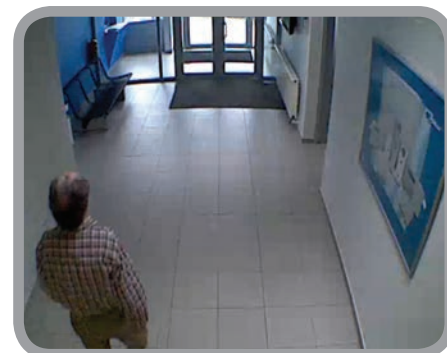


Quick and Easy Setup

- Easy setup via the intuitive GUI
 - Licence the software
 - Define the detection area
 - Define the loiter time
- Fine tune with the advanced parameters
- Calibrate the scene for even better performance
- Connect remotely for centralised support

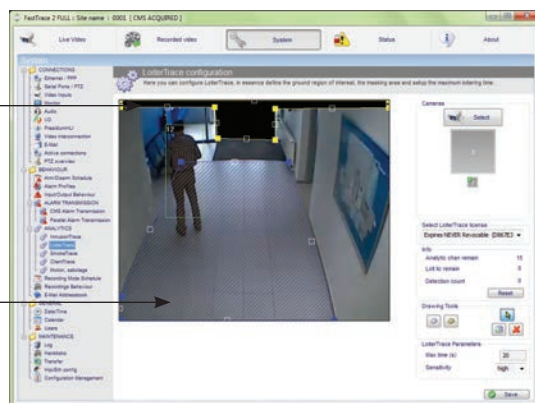


Typical detection scenes



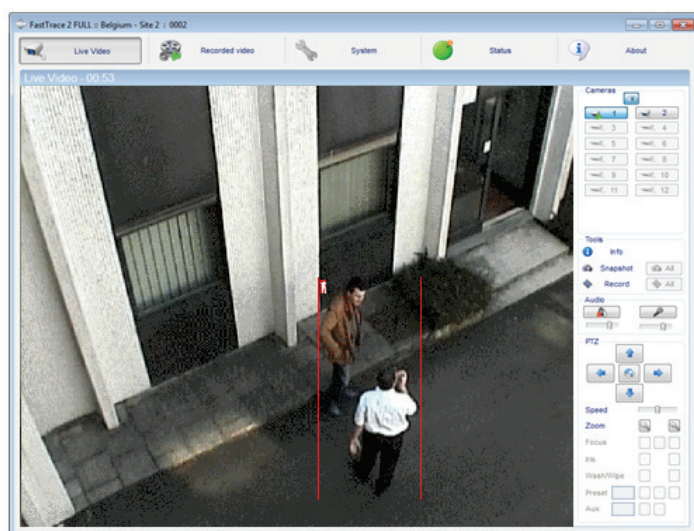
Ability to create polygonal MASKING zones (region of the image which should not be processed e.g. a flashing light, trees, cars, OSD time stamp information, etc).

Polygonal DETECTION zones with selectable loitering sensitivity and time (low, normal, high).



Rapid Verification

- Analytic bounding boxes highlight what caused the alarm
- Live counters show how long someone has been loitering for
- Boxes and counters are available for live and stored video



The LoiterTrace application can be combined with other available ADPRO Video Content Analytic applications (i.e. IntrusionTrace) in any combination up to 32 channels* on an ADPRO XO-enabled NVR+ device.

* Hardware dependent

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