ULTINOUS

milestone

# U-perimeter

## Real-time intrusion detection and alerting

easy setup

intensive task management

reduced false alarm rate

**Easy to deploy**

**VMS ready**

**Advanced technology**

**U-perimeter is Ultinous's AI-based Perimeter Protection solution using video analytics. Integrated into Milestone XProtect VMS, it provides real-time perimeter monitoring and activity analysis with high accuracy, human-related detection and alerting.**

- The downloadable plugin comes with an easy to use intuitive visual interface that makes it easy to set (draw) zones on the image of the surveillance camera.

- Supports multi-zone definition and is fully integrated with Milestone Smart client for automated task management.

- Uses human detection and provides real-time visual incident analysis to reduce false alarms, thus operating costs.

## Multi-zone operation

U-perimeter comes with an intuitive visual interface that makes it easy to set multiple zones. Seamless integration allows configuration and control from Milestone's XProtect Management Client.

· Proximity zones: multiple zones can be set close to the observed high-risk area allowing appropriate prevention time for security staff before an actual intrusion happens.

· Intrusion zone: a pre-defined area in which human detection count as an intrusion.

**Multiple zones**

## Multiple event types

Events can be alerts or task creation and forwarding involving different levels of responsibilities (e.g. visual check and following for first level proximity alerts and human interception for second-level ones).

**Real-time alerts**

## Task management

Alarms can be defined based on events (alerting rules) configured according to the use case and site preferences. U-perimeter works effortlessly with XProtect workflows making event definition, management and follow up an effective and integrated process. This includes managing and tracking the state of actions, and live monitoring, playback and visually following the alarms.

## Proof search

As all metadata for detections and events are recorded, they can be easily searched and selected later with supporting footages and information.

**Quick search**

## Reduced false alarm rate

Using video analytics in perimeter surveillance in itself reduce the negative effects of false alarm and costly human interaction by providing immediate visual confirmation and playback opportunity on events. More then this, u-Perimeter uses human detection technology to identify intrusions eliminating the most common false alarms caused by moving animals, bushes, wind moved non-human objects or shadows.

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## System requirements

### Milestone Server:

**XProtect version: Expert, 2020 R1**

| Part | Specs* |
|---|---|
| CPU | Intel® Core™ i3-6100 3.7 GHz |
| RAM | 16 GB |
| Graphics | Intel® HD Graphics 530 |
| Hard Disk Space | 256GB SSD for OS/VMS storage (Add additional storage depending on the number of days you want to save data) |
| Network | 2 x 1 Gigabit Ethernet |

*For 120 cameras, 720P, @25 FPS, 2 Mbit/s

### U-perimeter server:

**UVAP with OS: Linux Ubuntu Linux 18.04 LTS**

| Part | Specs |
|---|---|
| CPU | Intel® Xeon® E5-1650 3.6GHz |
| RAM | 16GB |
| Graphics | NVIDIA® GeForce® RTX2080 |
| Hard Disk Space | 500GB |
| Network | 2 x 1 Gigabit Ethernet |
| Supported channels | Up to 12 cameras Resolution: FHD - 4k Framerate required: 8 fps |

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More info: **www.ultinous.com**

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