secureredact
Powered by pimloc

Blur faces with our world–leading video privacy platform

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www.secureredact.co.uk
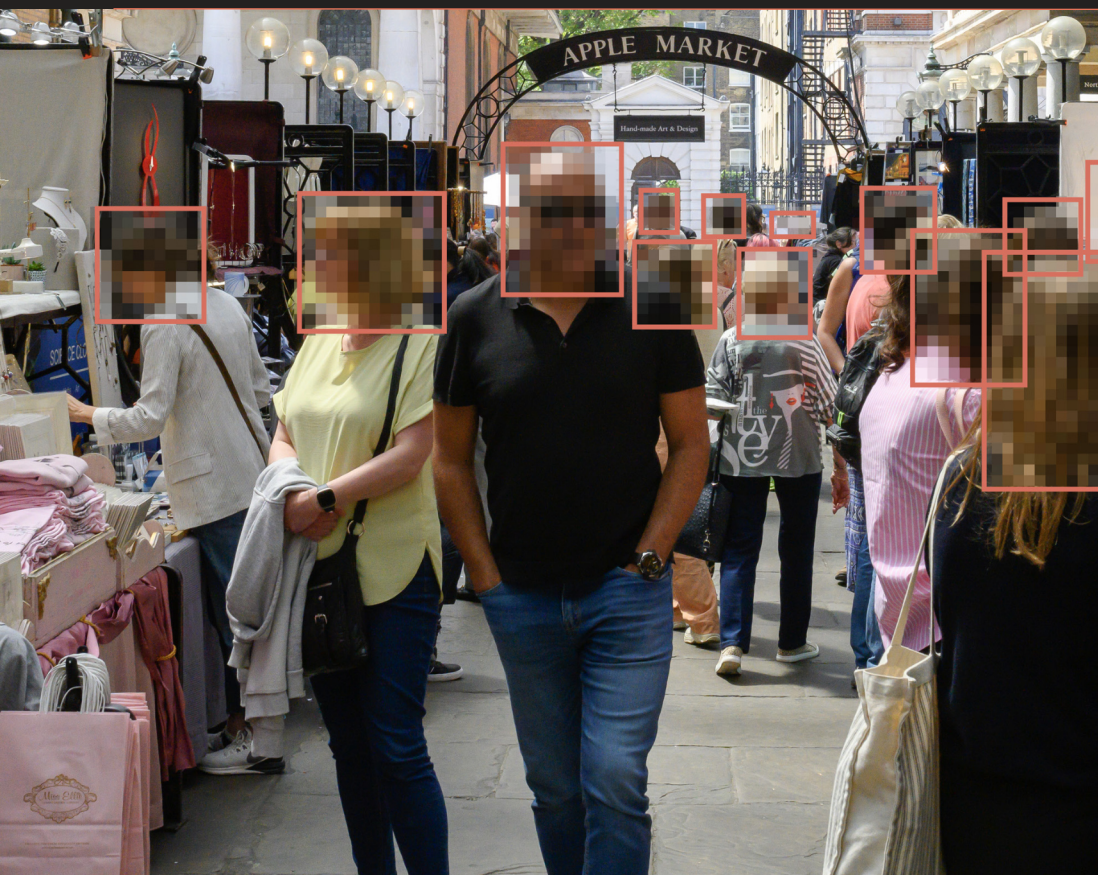
Real–time AI video anonymisation for live streams

Designed for CCTV, body–worn, dashcam and other video footage, our world–leading ML technology detects and tracks personal data in live video for real–time anonymisation of people and number plates.

Take an always on approach (24hrs a day) or turn on live video redaction as and when you need to.

Key features:

✓ **World–class, automated detection and tracking for redaction** of people and/or license plates.

✓ Blur specific areas of video feeds.

✓ Automated, bulk, flexible and scalable anonymisation that doesn't sacrifice speed and accuracy.

✓ **Enterprise features** include multiuser projects, an administration dashboard, and dedicated support.

Anonymise live video to:

1. Re–broadcast security video to the public and for wider access.

2. Generate high–quality people and vehicle metadata with our world–class detection and tracking.

3. Overlay live video analytics and alerts for better and safer operational efficiency and personalised customer experiences.

Live video analytics

Our real–time video anonymisation unlocks the potential for safe, secure and high–quality meta data and video analytics, based on your real data – without compromising privacy.
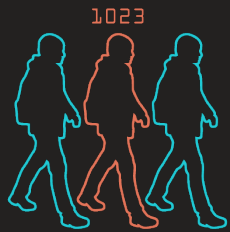
People or vehicle counting

People flow and traffic analysis

Scene change capabilities e.g. doors open/closed

Identify areas and establish when people/vehicles enter or exit

High quality pattern of life metadata

Other tailored options available

We work with various sectors including transport, warehousing, estate development and beyond, to responsibly maximise the potential of video in a secure, privacy–compliant and transformative manner.

Deploy Secure Redact live alerts via SaaS, private cloud or on–premise.
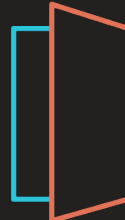
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Live alerts

Our world–leading ML technology detects and tracks personal data for real–time video anonymisation, which you can then use to set up real–time live alerts that don't compromise privacy.
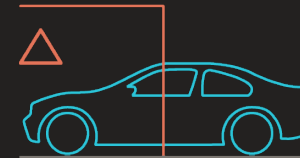
When spaces are overcrowded or to understand loitering times

People enter/exit restricted areas

Scene change capabilities e.g. doors open/closed

Vehicle monitoring, car parks and roads

Other tailored options available

Whether you're in healthcare, transport, retail or beyond: our secure and privacy–compliant platform can help security and operational teams to view and access CCTV video feeds in real–time, and deal with situations quickly and effectively.

Deploy Secure Redact live alerts via SaaS, private cloud or on–premise.

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Live video anonymisation demo

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Press play to watch
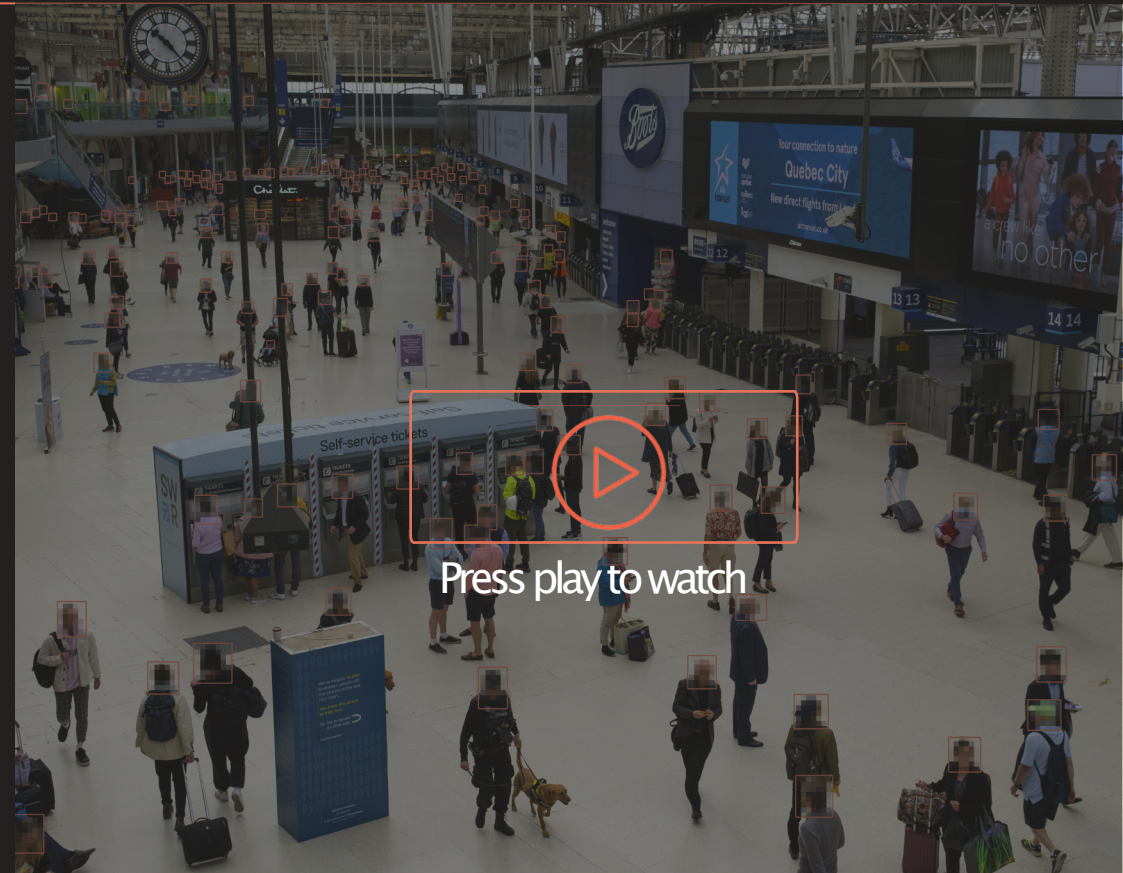
For live anonymisation, alerts or analytics pricing, please contact us.

Enterprise customers
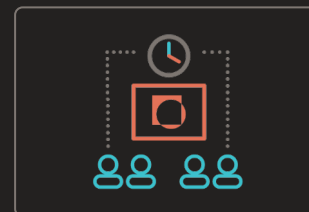
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Whether you deal with captured or live video – or both – our platform can provide redaction, analytics and alerts at scale to maximise safety, security and operational efficiency.
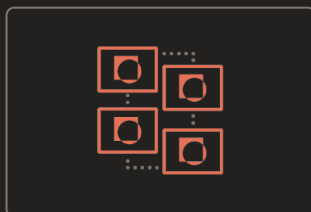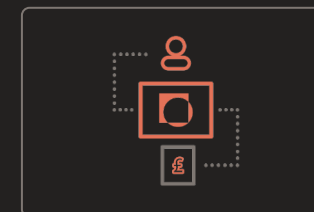
Large volume video processing
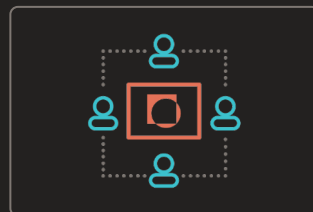
Multiple users across sites and teams for collaborative video projects

Pool video-processing hours across teams

Enhanced invoicing and support options
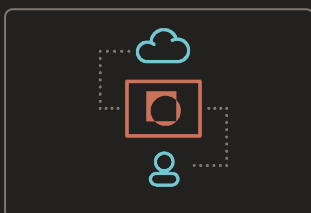
CloudConnect: automated and secure bulk upload, redaction and download from /to your private cloud
(for batch video files only)

Custom feature options, SSO integration, custom data deletion and additional file formats

Admin management capabilities and reporting

APIs and integration support

For Enterprise pricing and larger volume requirements, please contact us.

Benefits

Harness the power of live video with automated real-time redaction.

✓ Unlock the value of security video

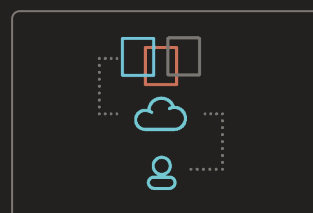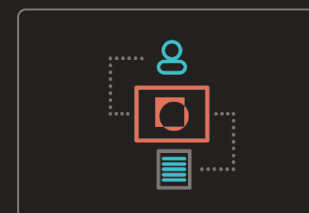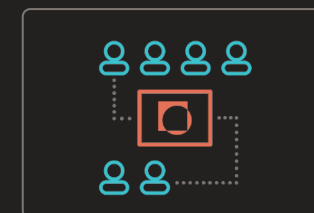Secure access to CCTV feeds outside SOC for more coverage across sensitive/controlled environments.

✓ Turn video into a valuable asset

Support real-time operations, efficiency and safety with anonymised people-and-vehicle

✓ Automated CCTV feed monitoring

Set up zones on anonymised feeds to receive live alerts for people and vehicle activity in secure environments.

✓ Build trust with customers and employees

Responsibly manage live video for transparency with customers, employees and visitors.

✓ Maintain data sovereignty

Dedicated data processing in separate jurisdictions for UK, Europe and the US (Australia coming soon!).

✓ Broaden your security footprint

With live anonymisation, allow more cameras to be deployed in sensitive areas.

Important questions answered

Is Secure Redact GDPR compliant?

From our infrastructure, to customer deployment, to data storage and usage, Secure Redact follows UK and EU GDPR compliance. We work with a specialist security partner to perform regular audits and penetration testing via a grey–box approach. We have strict internal policies and practices in place to minimise data risks as much as possible.

Can videos processed by Secure Redact be unblurred?

Videos CANNOT be unblurred when processed with Secure Redact.

Each frame of a video is an image. An image is made up of pixels. The process of redaction alters the original pixel data within an image. The information in the redacted regions has been destroyed. The original pixel data cannot be retrieved from the redacted version. For videos this process is applied on every frame to generate a redacted video. The redaction algorithm used is unique to Secure Redact and is dependant on the input image data and random injection to ensure it can't be reversed.

How accurate is Secure Redact?

Given the diversity of CCTV, Bodyworn and dash cam footage, no solution will ever be 100% accurate across all real–world video content, but that is something we are striving towards.

The Secure Redact system provides maximum recall rates currently exceeding 99% of identifiable PII in security video.

Find out more about the accuracy of our solutions here.

Find out more in our FAQs.

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Secure Redact Data Processing

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How does Secure Redact collect data?

When a customer (the data controller) uploads video data directly to the SaaS service, the uploaded video is automatically processed by the Secure Redact software.

The software ingests the video file, reformats it and then runs machine learning algorithms over each frame of the video to detect all faces and number plates that appear – for redaction purposes only.

Secure Redact processes the video for the customer's redaction purposes only.

Who has access to my data?

Users can only access their own videos.

Only select Pimloc admin staff have access to the Secure Redact system, and will only do so at your request.

Does Secure Redact use my data to train its algorithms?

Only if users explicitly give permission to allow Secure Redact to use their data to improve the performance of the Secure Redact system. By default user data is not used for algorithm training.

For every video that a user uploads, there is the optional choice to allow Pimloc to use and store parts of this content for the purposes of developing and improving its system.

Pimloc will keep a record of where all video frames have come from, along with opt–ins, so that they can be removed /deleted as required in future. All selected frames will be stored securely and only accessed by a small number of controlled Pimloc employees; they will never be sold, marketed or made public.

To find out more – visit this guide.

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Secure Redact Data Processing

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How does Secure Redact store data?

1. **Uploaded:** video has been successfully uploaded to the Secure Redact servers.
2. **Converted:** the high–resolution video is converted to be able to run through our servers and process the detections quickly.
3. **Detected:** video has been automatically processed for faces and number plates. This is what a user will see on the app, with overlaid orange redaction boxes onto the video. These detection states are:

   a. low–resolution version of the converted video.

   b. The location information for each detection box (location of faces and number plates in each video frame) as text.

   c. A thumbnail of the content of each box.
4. **Redacted:** all detections have been blurred out in the video when the user presses "Redact". This creates a version of the video where all personal data is redacted, and ready for download. This is now part of that video (and irreversible without going back to re–edit). This state 4 of the video is also stored in Amazon EFS.

The Secure Redact software maintains a copy of all the different states of video (uploaded, converted, the detections and the redacted video) stored in Amazon EFS (elastic file system), located in Amazon AWS South Dublin Data Centre. If you are a US customer, the video is stored in AWS Virginia.

How does Secure Redact delete data?

Secure Redact is not a video storage system – user videos are stored temporarily (as long as the customer is active) for the purpose of anonymisation only.

When a customer deletes a video from their Secure Redact account, all states of their video (uploaded, converted, detected and redacted), along with the detection data associated with the video, are automatically and securely deleted from EFS. If customer accounts become inactive, Pimloc's terms state that they can delete customer video files once they have been stored in Secure Redact for more than 60 days (details can be found in **Pimloc's privacy policy.**

To find out more – visit this guide.

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About Pimloc

Set up at the end of 2016, Pimloc is a British tech company with one simple mission: to advance visual AI systems in the interests of people and their freedoms.

The risks and expectations associated with video surveillance have fundamentally shifted and are constantly growing – we are all unknowingly giving away our freedom by walking down the street, entering a store, going to work or watching a game.

This is why we created Secure Redact – a product that allows companies to use and manage video safely, by protecting people's data.

With practical issues such as video scalability, reviewing, and editing, hindering many businesses' progress – Pimloc's inspiration for a privacy first platform was born.

Pimloc uses the latest machine learning and computer vision approaches to train its algorithms to recognise personal identifiable information (PII) in a wide variety of image and video scenes.

Our platform is known for its market–leading ingestion, detection, classification, and protection of image and video content. We work closely with the world's foremost thinkers in deep learning visual technology from the University of Oxford.

"Automated anonymisation is the only way to keep up with changing privacy legislation and to responsibly unlock the value of aggregated video data for business operations."

Simon Randall. CEO

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Contact us to find out more

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