



LYTX[®] CONCEAL SERVICE

Fleets seeking to enhance safety and efficiency through video telematics solutions can face challenges in navigating the evolving landscape of privacy regulations.

Regulations such as GDPR underscore the importance of restricting access to personal information. Therefore, it is imperative for companies to have privacy controls in place, adaptable to diverse regulations and organizational policies, when implementing a video telematics solution.

Recognizing this need, Lytx has enhanced its Privacy Suite with the Lytx Conceal Service, which helps minimize the access to personal information by blurring vehicle license plates, as well as faces of drivers, passengers and passersby on media files that are stored in the cloud.

This cloud service is available through an API and can be applied to media that has been generated from all lenses, including the road and in-cab facing lens of the dash cam, as well as auxiliary cameras.

As part of the initial release, the Lytx Conceal Service is available only for video clips and snapshots captured as triggered events.

INFORMATION THAT IS BEING CONCEALED:

- ✓ Vehicles' license plates
- ✓ Faces of drivers
- ✓ Faces of passersby
- ✓ Faces of passengers inside the vehicle

Lytx® Conceal Service

HOW DOES IT WORK?

This is how faces and license plates are concealed on event media files in the cloud to help minimize access to personal information.

1 DASH CAM DETECTS DISTRACTED OR RISKY BEHAVIOR

Video and snapshots are captured when distracted or risky driving events occur or when events are triggered by third party applications.

2 EVENTS ARE UPLOADED AND STORED IN THE CLOUD

Event media files are uploaded and stored in the cloud based on the data retention period.

3 LYTX CONCEAL SERVICE

Upon request, the service processes the video and snapshot files, blurs faces and license plates within those files, and saves a concealed version in the cloud.

4 CONCEALED VIDEOS AND SNAPSHOTS ARE VIEWED BY END USERS

Based on the Lytx reseller partners product flow and user permissions, users can access concealed videos and snapshots.

Technical highlights and limitations

- The service scans each frame and blurs the identified objects (faces or license plates.) If no object is detected, the frame remains unaltered.
- Real-time API calls, which involve accessing the blurred video as soon as possible after the event is created, typically take an average of 5-7 seconds for a 10-second video, depending on factors such as the video's duration, network availability and the volume of real-time requests.
- The service incorporates a backlog mechanism wherein each uploaded media file of an event is blurred and saved. This mechanism ensures quick access to the blurred media in future requests.
- If audio is enabled on the device settings, the blurred video includes audio.
- An object's size, variation and orientation as well as its location in the image and lighting may affect the performance of the service.
- The size of the blurred area is modified based on the object's size and the movement of the object.

HOW TO INTEGRATE LYTX CONCEAL SERVICE API:

- Use the **'Get file link'** API with 'conceal=true' as a query parameter.

Example:

- **Get the original file of an event**

```
api-prod.surfsight.net/v2/devices/[IMEI]/event-file-link?cameraId=[cameraId]&fileId=[fileId]&fileType=[filetype]
```

- **Get the blurred file of an event**

```
api-prod.surfsight.net/v2/devices/[IMEI]/event-file-link?cameraId=[cameraId]&fileId=[fileId]&fileType=[filetype]&concea
```

For more information, contact your **Technical Account Manager**.

