SURF

Breaking the Boundaries of
Video Surveillance

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Founded in 1996, Surf Solutions creates high-density, real-time multimedia processing technologies. The company offers off-the-shelf capabilities for scalable video, voice and signal processing as well as complete and powerful solutions to the challenges of multi-location, multi-channel surveillance. Surf's solutions have been implemented and deployed by leading global companies around the world.

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Breaking the Boundaries of Video Surveillance

As surveillance networks continue to evolve, new challenges emerge. One of these is the ability to reach a large number of remote cameras in real time, under unstable mobile network conditions or in limited bandwidth environments.

In addition, most surveillance networks are closed systems that allow video feeds to be transferred only between a limited number of pre-defined sending and receiving points. These systems cannot offer secure access for video sharing and viewing to a wide network of users at any location, and this limits their ability to inform multiple parties of situations as they occur in real-time.

The SurfSight Solution

Surf has developed a robust, smart surveillance solution with cyber security capabilities, that can gather and consolidate video from multiple sources in real time- providing a complete picture of situations in the field. SurfSight connects remote sites with the video surveillance network and provides secure distribution and access capabilities for ad-hoc viewers- on any device and on any network.

SurfSight is comprised of two main products which may operate independently or together: SurfSight Edge and SurfSight Core.

SURFSIGHT EDGE

SurfSight Edge aggregates a large number of video feeds from remote sites over limited network bandwidths, while adjusting the video stream to changing network conditions. This ensures optimal and continuous transmission quality, over mobile and unstable wireless networks, in real time (<200 ms latency) while achieving up to a 90% reduction in bandwidth usage.
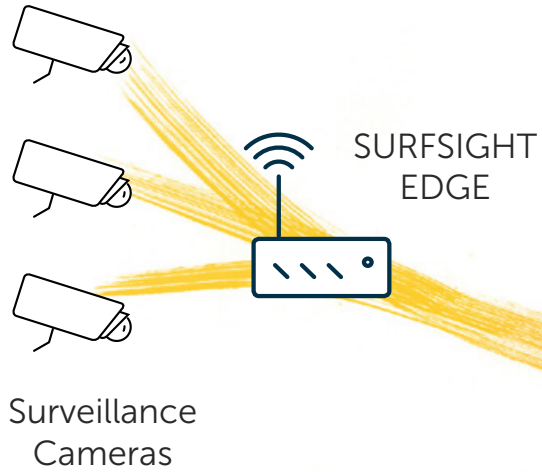
SurfSight Edge features computer vision capabilities that allow for event based detection, including pre-defined face and motion alert parameters- for intelligent recording and streaming.
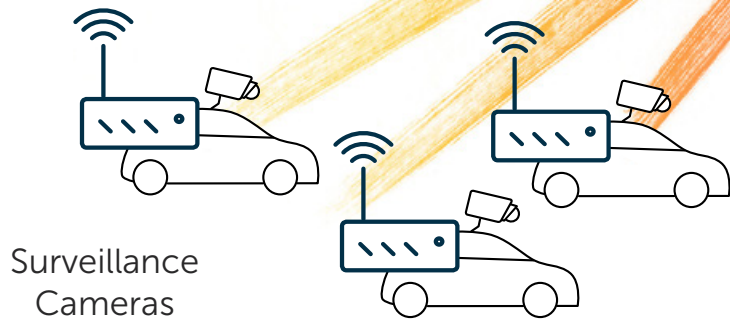
SURFSIGHT CORE

SurfSight Core allows secure clientless distribution of multiple video feeds to remote destinations in real time, without exposing access to the surveillance network. It also allows remote viewers to contribute feeds to the network securely from any mobile device.
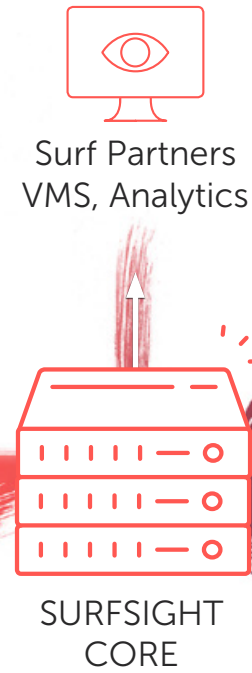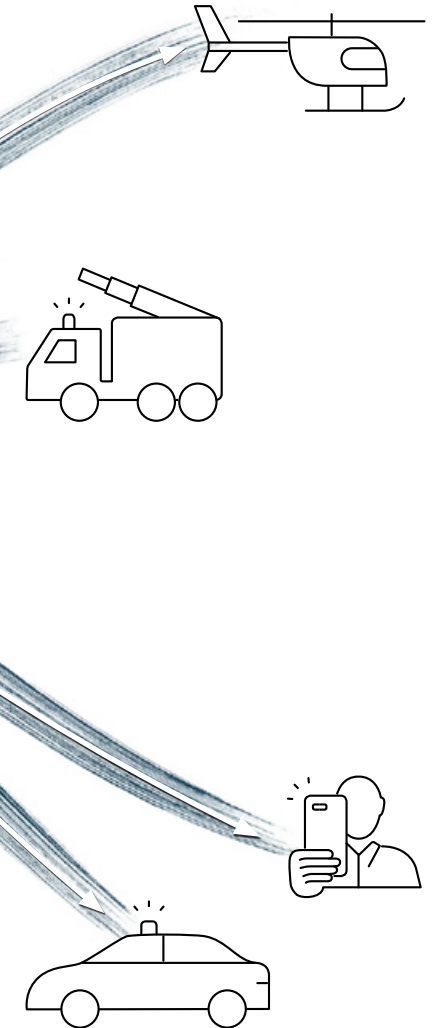
VIDEO AGGREGATION

SURFSIGHT EDGE

Surveillance Cameras

SURFSIGHT EDGE

Surveillance Cameras

SECURE DISTRIBUTION

Surf Partners
VMS, Analytics

SURFSIGHT CORE

VIDEO SHARING & VIEWING

Together, the SurfSight product line allows stakeholders to achieve total situational awareness and effectively take action if and when needed.