

Guide Security Services Ltd (GSS) are a leading UK based Integrated IP Security and remote CCTV monitoring solutions provider.

The GSS Video Content Analysis Portfolio

Video Content Analysis (VCA) is the appliance of computer technology to video streams. Software algorithms are able to perceive changes in the scene, i.e. to detect objects entering or leaving the field of view.

The combinations of such observations and criteria set within the system allow the application to conclude if something is of interest or not.



In essence, analytics has the ability to turn video into meaningful data, it transforms CCTV from a reactive to a preventive tool through its ability to detect and identify, along with the ability to retrieve critical data much more quickly from reams of video while helping to manage bandwidth more effectively by moving intelligence to the edge of the network.



The GSS Critical Infrastructure Analytics portfolio includes: real-time object detection, identification and classification; tripwires and virtual perimeters; detection of persons loitering, abandoned objects, blocked exits, and camera tampering or shifting. GSS can also combine multiple triggers to acutely define the behaviour of interest.

GSS VCA solutions work effectively in virtually all weather conditions, day/night applications, and complex scenes, making them especially appropriate for the geographically-distributed environments and expansive, unmanned perimeters that are characteristic of many critical infrastructure operations, such as power grids,

public works, airports, seaports, and transportation networks.

For more information on GSS solutions or to discuss a particular application please contact us on the details below.

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