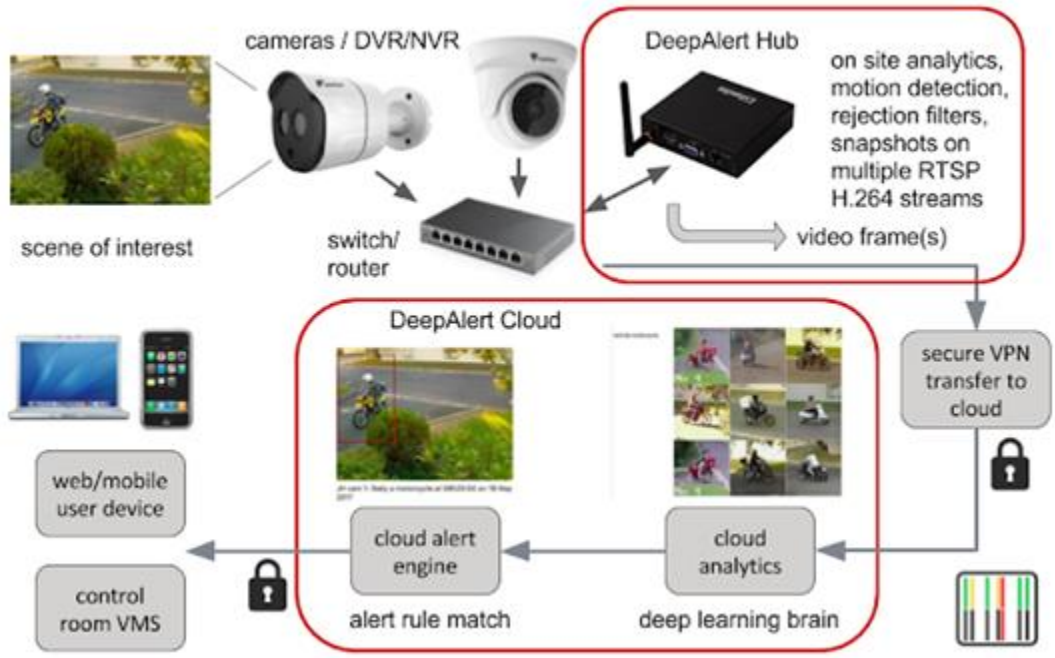
deepalert

ALWAYS LOOKING OUT FOR YOU

Deep Alert Architecture - General Overview:

DeepAlert uses a hybrid architecture which works with a DeepAlert Hub component and DeepAlert Cloud components. The Hub component reads the camera's streams and performs initial analysis like motion detection and tracking and sends frames to the Cloud for more detailed analysis, alerting and storage. This is shown in the image below.



To get started with the DeepAlert System, we have 3 Hub options available:

Pre-Installed On-Site Hub - purchased from hardware suppliers with DeepAlert software already installed. Options for 6, 10, 12, 15 camera streams and typically installed at the end-customer site.

Server-Class Centralized Hub - for larger or more centralized installations, remotely installed on the client's own x86 hardware. See announcement below!

DeepAlert Cloud Hub - runs within the DeepAlert cloud infrastructure (extra running cost)

Server-Class Hub Announcement:

Some good news on the deployment front. Re-use your existing computing resources and/or deploy at scale.

It is now also possible for us to remotely install our "hub" software on dedicated x86 servers or dedicated virtual machines within your computing infrastructure. We would need a specific version of Ubuntu Linux installed by your IT staff and remote SSH access provided to our team for the DeepAlert install. From there on, the server looks like a normal hub in the system and you add cameras etc. and would contact our cloud systems in the normal way for the main part of the analytics and alerting.

In this model, we can also support cameras from multiple different sites on the same server-hub if needed so the larger computing resource can be split virtually between sites.

This is useful for you in scenarios where you have camera streams coming directly into your compute-infrastructure with some new or existing computing resources available and so can be a quick way to add analytics to cameras at scale without the requirement for on-site hubs. It can also be used at larger sites with some computing infrastructure outside of your own environment e.g. a large estate type scenario.

Please contact us if you would like to explore this further.