



Chrome Software ANPR Socket - 3rd Party Integration

Simply the easiest way to integrate ANPR into any third party software application.

Install and run our ANPR socket application on a suitable Windows PC in your LAN or WAN, open a port of your choice on the firewall, configure the IP camera(s) details and you are ready to start. It behaves as a TCP server listening on the port waiting for 3rd party applications to connect as clients and command it to do a variety of ANPR based work. It then returns the details to your applications.

Third party applications only need to open a socket to the IP address (or name) of the PC running our ANPR Socket applications and send a simple command. This would usually be when a vehicle triggers an event, perhaps from a loop, RFID, proximity, motion detection or Biometric input. Our socket engine will respond and do the ANPR and camera work and hand back the plate text and images.

Our application will typically capture a JPEG from the relevant IP camera(s) and process the image(s) and return the ANPR information to the client. The client application can then perform rule-based actions or do whatever database work may be required, depending on the particular circumstances or functionality of the 3rd party application. No special knowledge of ANPR and video analytics is required from the developers of the 3rd party software.

Naturally we at Chrome Software can greatly extend the capabilities of the ANPR socket application if required. We can do all the work and supply complete bespoke solutions or we can do only minor extension. This depends on the 3rd party or Chrome Software ANPR reseller requirements. We can integrate a wide variety of hardware products like cameras, scanners, biometric devices, video servers, CCTV, alarms, sirens, LED display matrixes, booms, barriers, and gates. We can supply and integrate SMS and Email capabilities. We can design and supply SQL databases for whatever purposes. We can also supply our fully integrated Chrome T&A and Access Control system.

There are just too many possible applications and combinations to mention them all here. Consult with us and we will collectively figure out what is best for you and your customers.