

CCTV INSTALLATIONS

NetPro Group has done many CCTV and IP camera installations.

The image capturing techniques employed by the various manufacturers range from cheap and nasty to expensive and of excellent quality. In this specific field you get what you paid for!

The range and variety of cameras is also enormous. From quarter inch CCD to upmarket one third inch CCD's. Some cameras have interchangeable lenses and some fixed lenses. These lenses, in some cases are telephoto zoom lenses. There are indoor cameras and IP66 outdoor cameras. Some have built in infra red illumination systems. Some cameras have auto irises and some variable shutter speeds.

From the above one can imagine the numerous combinations that can be applied sometimes even in the same installation i.e. plenty of detail may be required in a passage but exactly the opposite is true at the camera at reception. So the mix and match could be endless.

NetPro's focus is on **quality and service**

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Ultimately the cameras must be married to an image capture device; digital video recorder (DVR) or a Network Video Recorder (NVR)

The media or cabling system connecting the cameras to the capture systems also has varieties and can effect the quality.

When a surveillance system is designed all the above must be taken into account to achieve the optimal results. The ability to do this only comes from many years of experience and up-to-date knowledge of products in the market place and staying abreast of the latest technology.

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We have successfully installed and commissioned an IP installation at FNB with 32 IP cameras and a Hybrid NVR. The product that we deployed is American Dynamics.

This is an enterprise system and one of the best systems on the market today.

We also did a Geovision installation at the Forest Hill City Mall in Centurion. This system required a Fibre Optic backbone cable, fully redundant, coupled through switches to copper cabling to the cameras. The control room has 5 TV monitors driven from 3 X I7 PC's which connect via a 10 Gig connection to the embedded NVR's and 10 Gig Fibre switches.



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