

# Night Color Security Vision – Long Range

An oil refinery must monitor vehicles entering and exiting the compound. The system needs the ability to distinguish the cars by color and must operate at night as well as the daytime.



## Solution:

Four Pan Tilt & Zoom Dome Cameras (PTZ) are used to create the security system. Each PTZ camera is mounted to a watch tower, which is on the perimeter of the oil refinery.

At night, the area is illuminated with infrared lighting. The PTZ cameras are then able to utilize EMCCD technology (Electron Multiplying Charge Coupled Device) to perform long range night color identification of entering and exiting cars.

