

# Inspection of Hazardous Materials



PTZ with IR camera



IR image of Drum

Hazardous material has eaten away at drum creating a leak

Surveillance of a hazardous materials yard is needed to protect against intruders and to ensure the integrity of the drums.

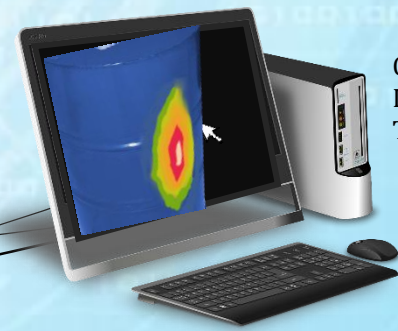


### Solution:

Pan tilt zoom (PTZ) infrared (IR) cameras are stationed throughout the yard. They are connected to a computer with an intrusion alarm and a thermometric alarm. Each PTZ is remotely operated by the inspector.

The PTZ IR cameras survey yard and the drums. The infrared imagery can detect areas of corrosion on the drums from the storage of the hazardous materials. Corroded areas would appear red and bright, while uncompromised drums would appear blue. The PTZ IR cameras can also identify intruders, showing their red, warm bodies.

If a corroded drum is detected, the thermometric alarm is set off and if an intruder is detected, the intrusion alarm is set off.



Computer with Intrusion Alarm and Thermometric Alarm