

Application Story



FLIR A65 + Smart-LX® Software

Smart-LX® for early fire detection, alarms on fires, not on equipment or vehicles.

Problem: A large recycle operation has multiple sites across the country that need to be monitored closely for fire. Traditional systems trigger on a "threshold" temperature. These systems generate hundreds of false alarms per shift for these types of customers. Traditional camera systems typically offer 4 to 10 regions of monitoring. This can be very limiting.

Solution: An integrator installed FLIR A65 cameras with Smart-LX® EFD Analytics running fire models instead of triggering on threshold temperatures. An unlimited number of independent rules run consecutively to analyze hot areas on these sites. Using Smart-LX® EFD Analytics to separate vehicles and hot equipment from actual fire, dramatically reduced the false alarms. Smart-LX® monitors an unlimited number of regions in a scene including irregular shaped items to monitor or to ignore.

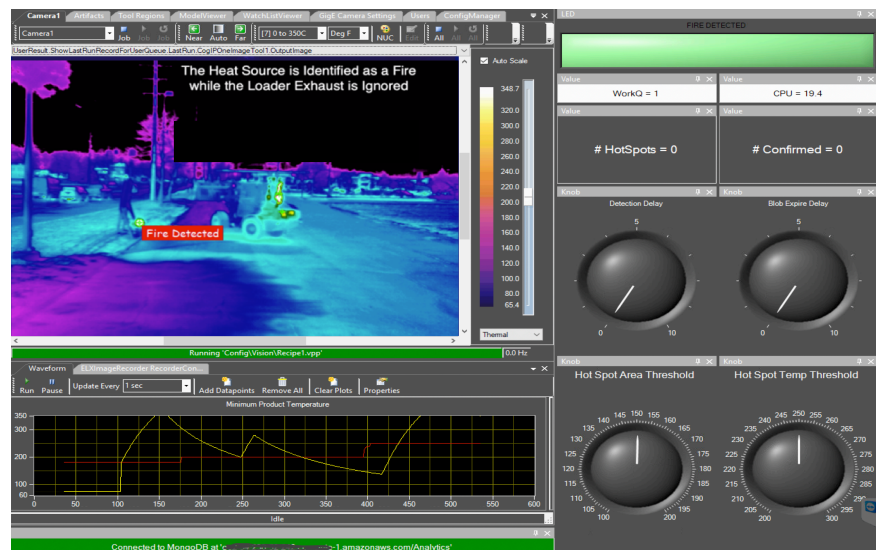
Solution Overview

Other Early Fire Detection systems require integrators to mask out objects and areas because they contain high temperature machinery or vehicle traffic that constantly create false alarms. This means ignoring shredders and other hot equipment that catch fire and explode. Smart-LX® can monitor shredders and vehicle traffic for fire but applies different behavior rules to them. Don't ignore items in the scene that could be the source of a fire!



Remotely monitor conditions inside control panels with AX8 IR imagers plus Smart-LX®

Smart-LX® Notifications sent to any connected device



EFD Solutions:

- Process monitoring flammable, combustible materials
- Condition Monitoring of equipment to prevent smoldering and fires
- 24/7 automated infrared scans of electrical panels, devices and substations in high risk areas

To speak with us about your application and contact your local Smart-LX® dealer please visit www.Emlogix.net