

AUTOMATION and INDUSTRIAL SAFETY

FIXED THERMAL CAMERAS FOR CONDITION MONITORING



WHEN PRECISION AND CONTROL ARE MISSION CRITICAL

There is a wide range of automation and industrial safety applications for FLIR high-performance thermal imaging solutions. New applications emerge every year as more industries identify a need for thermal imaging to:

- Find temperature problems before they lead to failures.
- Prevent costly production stops.
- Spot process anomalies that can flag dangerous situations early, improving safety in the workplace.

Automated FLIR applications are most prolific in condition monitoring, early fire detection, and process control monitoring/quality assurance. We created this primer to illustrate thermal imaging value in specific industry applications. If it's been done before, then you have a template for implementation. If yours is a new application, then perhaps one of these examples will give you an idea of what's possible. Either way, if the value of thermal imaging intrigues you, then we want to help you determine if it's the right fit.

If you're new to thermal imaging technology, then the IR Automation Handbook provides details about the science, technology, and capabilities of thermal, or infrared, imaging. You can find a description of each camera in the FLIR Automation Solutions section of this document; to read more about any application, download the entire story from flir.com/automation/appstories. Additional information about all FLIR automation cameras is available at FLIR.com/Automation. If you're more comfortable learning directly from one of our thermal experts, just fill out our contact form on our website at flir.com/instruments/manufacturing/contact--manufacturing.

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