

Monitor and Visualize Your Process

Improve Quality

Detect and remove process defects

Quickly Detect

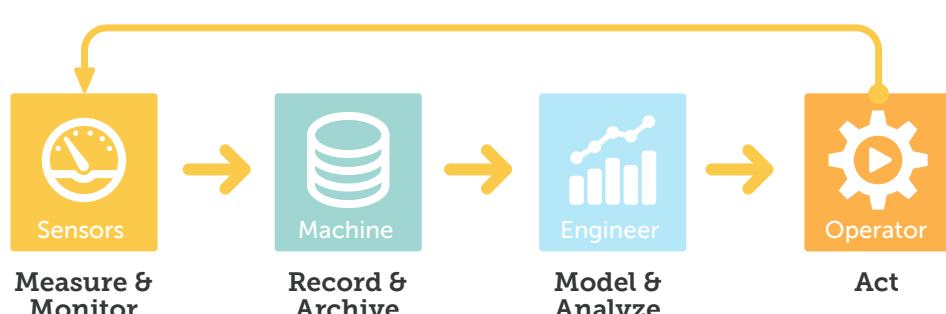
Understand thermal characteristics of processes, equipment, and products

Optimize

Utilize resources efficiently with full automation



Improve Your Process



In most thermal imaging processes, sensors collect data, machines store the data, and engineers review and analyze the data to detect trends and assign corrective action.



Problems:

- Collecting more and more data
- Lack of time to evaluate data
- Lack of expertise to evaluate data

Solution: Automate!

Software enables you to understand your processes and automates former bottlenecks to ensure you are getting the most from your data.



Processing Data



Analyzing Data



Detecting Patterns/Anomalies

How could I benefit from automation?



Increased Profitability

Reduce waste and improve yield by minimizing time to corrective action using alerts.



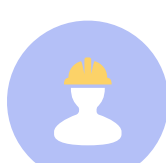
Improved Quality

Improve value by quickly detecting and removing process defects.



Optimized Production

Cut unscheduled downtime with early detection of process and equipment problems.



Improved Safety

Reduce hazards with early detection and warning of anomalies.

Our Data Acquisition and Analysis Software: LumaSpec R/T

1 LEARN

With real time monitoring software combined with thermal imaging tools, users can use tools to understand the thermal characteristics of their processes, equipment, and products.

2 ANALYZE

Our software provides users with a vast array of graphing and analysis tools to characterize thermal data over distance, area, and time to understand the temperature features of their subject matter.

3 MONITOR

Use dedicated monitoring windows with an available always on-top option to ensure you always have an at-a-glance look at your process. Integrate your existing monitoring tools with optional Analog or OPC output modules.

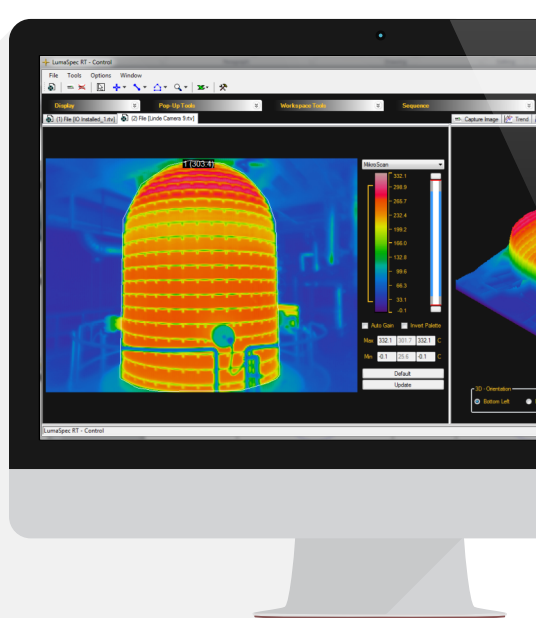
4 ALERT

Use Alarm Tools to set up on-screen alerts or optional digital outputs to reduce time to corrective action when temperatures are off. Combine multiple alarms to validate deviations and eliminate false alerts.

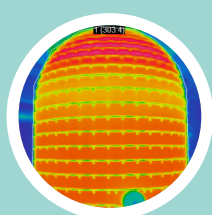


LumaSpec R/T is a windows-based thermal imaging software that offers high-speed real-time data acquisition and image analysis capabilities.

- User-intuitive interface design
- Display, Analysis, Pop-Up, and Alarm Tools
- Standalone or multiple camera configurations
- Data export to Excel



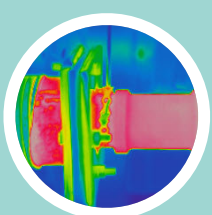
What industries use LumaSpec RT to improve their products and processes?



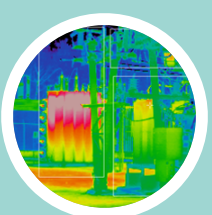
Boilers



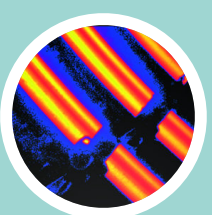
Furnaces



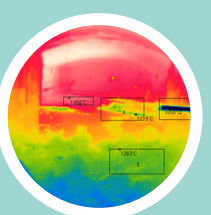
Critical Vessel Monitoring



Electrical Substations



Steel Production



Glass Production

We can help!

We've got the experience and solutions you've been looking for.



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