

LumaSense Releases New Features for Improved User Experience in Latest Version of Infrared Image Analysis Software LumaSpec RT

Updated features for an improved process automation and new features for flare monitoring applications

SANTA CLARA (CA), January 23, 2019 – LumaSense Technologies, Inc., an Advanced Energy company, is releasing version 1.7 of [LumaSpec RT](#), a robust thermal imaging software that offers high-speed, real-time data acquisition and image analysis for industrial users. This update implements multiple enhancements to some of the more frequently used tools, allowing for a better workflow and improved user experience.

“We are dedicated to continually improving the software by asking our users what we could develop to further automation or make data processing more seamless. With this release we’ve been able to implement many of their suggestions,” says LumaSense Senior Director for Product Management Lenny Shaver.

An important and ongoing area of development is the addition of more command and control functions using protocols. This allows plant operators to coordinate data and measurements using their DCS. For example, this release adds multiple methods for the DCS to trigger image and data capture. This will allow the DCS to coordinate data with plant processes.

Another addition to Version 1.7 is expanded alarm settings that will allow users to adjust alarm delays. This delay function can be used to filter noisy data and mitigate alarm “chattering.” This is useful for noisy processes or to reduce false alarms. The delay function can also be used in combination with data averaging (frame averaging) to further filter or smooth measurements.

The release includes many customer requested features, including new tools to export CSV format, tools for frame averaging, expanded data files, added alarm functions based on temperature differences and more. A comprehensive description can be requested via email to LTI-Support@aei.com.

LumaSpec RT provides users with intuitive image and data display tools to understand the thermal characteristics of their processes, equipment, and products using LumaSense Mikron M7500, MC320, MCS640, and MCL640 thermal imaging cameras. Display tools allow users to view thermal snapshots, real-time camera feeds, captured sequences, or temperature profiles.

About LumaSense Technologies, Inc.

LumaSense Technologies, Inc. is one of the world's most trusted providers of innovative temperature and gas sensing devices. By applying LumaSense's proven systems and software, customers in Global Energy, Industrial Materials and Advanced Technologies markets are able to reduce waste and inefficiency in their processes. For more information about LumaSense Technologies, visit www.lumasenseinc.com.

About Advanced Energy

Advanced Energy (Nasdaq: AEIS) is a global leader in the design and manufacturing of highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes. AE's power solutions enable customer innovation in complex semiconductor and industrial manufacturing applications. With engineering know-how and responsive service and support around the globe, the company builds collaborative partnerships to meet technology advances, propel growth for its customers and innovate the future of power. Advanced Energy has devoted more than three decades to perfecting power for its global customers and is headquartered in Fort Collins, Colorado, USA. For more information, visit www.advancedenergy.com.

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