ADVANCED REPORTING SOFTWARE

FLIR Thermal Studio Pro™

FLIR Thermal Studio Pro is state-of-the-art analysis and reporting software designed to help you manage thousands of thermal images and videos. Whether you use handheld cameras, unmanned aircraft systems (UAS), or optical gas imaging (OGI) cameras, FLIR Thermal Studio Pro provides the automation and advanced processing capabilities you need to streamline workflow and increase productivity. This advanced software has an optional FLIR Route Creator plug-in that creates an inspection path you can download directly to any FLIR T-Series camera that has Inspection Route enabled. Use these routes to acquire temperature data and thermal images in a logical sequence, automate data management, and maintain historical records for improved predictive maintenance. Available in more than 20 languages, FLIR Thermal Studio Pro offers simplified image processing so you can spend more time in the field and less time at your desk.

AUTOMATE DATA COLLECTION AND REPORTING

Solutions for inspection routing and rapid reporting make your workday easier

- Create routes you can download to an enabled FLIR T-Series camera for streamlined inspections of critical assets
- Produce consistent, professional-looking report templates with customer-focused content—without the need for Microsoft Office
- Generate reports quickly—more than 100 pages in less than a minute—based on customizable templates
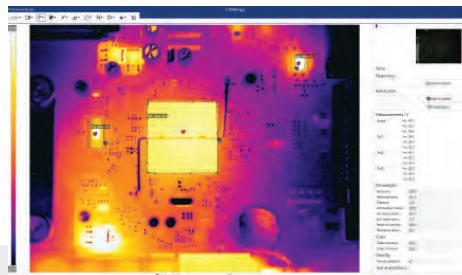
STREAMLINE IMAGE EDITING

Batch processing accelerates post-production and report generation

- Manage, edit, analyze, and report on thousands of thermal images gathered during surveys faster
- Easily adjust Multi Spectral Dynamic Imaging (MSX®) and other visual light camera features
- Pre-define a set of actions and apply those to any number of images or videos
- Select a thermal image and apply its properties across all images
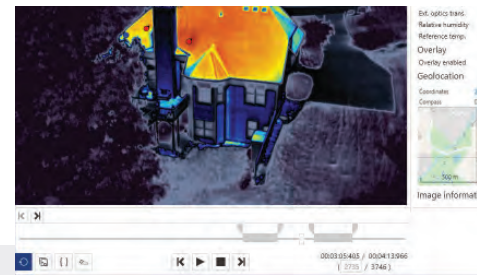
ENHANCE THERMAL VIDEOS

Processing and usability advancements help users store, access, move, and edit large thermal video files

- Edit, identify, and select radiometric video segments that capture gas leaks in motion
- Select video segments and export in standard formats
- Use high-sensitivity mode and pixel binning in post-production to identify gas leaks that are difficult to see on video while in the field

SPECIFICATIONS

FLIR Thermal Studio Pro

Image file formats	Radiometric JPEGs, JPEGs*
Video file formats	MP4, CSQ, SEQ
Export formats	PDF, XPS, CSV, JPG, AVI, ATR
Report templates	Fully customizable
Rapid Report	Create shortcut for drag-and-drop reporting
Image presentation modes	MSX®, thermal only, thermal fusion, blending, picture-in-picture, visual only
Image controls	MSX alignment, resize, crop, free rotation
Image annotations	Text, voice
Measurement functions	Spot, box, circle, line, polygon, magic wand, delta
Measurement alarms	Humidity, insulation
Color distribution	Histogram equalization, signal linear, temperature linear, DDE
Color palettes	Custom
Geolocation	GPS, compass, roll, pitch, yaw, frame-by-frame
Formulas	Yes
Batch processing	Yes
Batch templates	Yes
Inspection routing	Through Route Creator plug-in

System requirements and support

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Operating system	• Windows 10, 32-bit and 64-bit • Windows 8.x, 32-bit and 64-bit • Windows 7 SP1, 32-bit and 64-bit
Hardware requirements	• RAM: minimum 2 GB, 3 GB is recommended • Disk space: minimum 100 MB
Cameras supported	Supporting all cameras that generate images in radiometric JPEG format (including A-, B-, C-, K-, T-, E-, GF-, i-, P6- and FLIR One series)
Languages	Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, simplified Chinese, Spanish, Swedish, traditional Chinese, Turkish

*Limited batch processing functionality for non-radiometric JPEGs
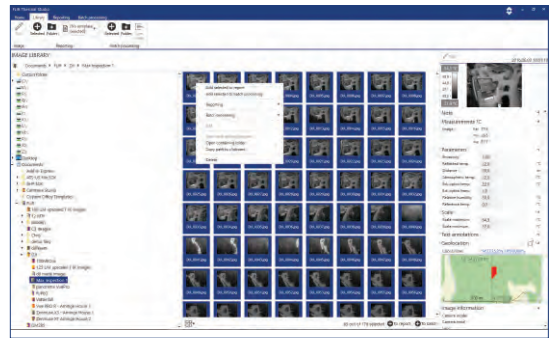
Select images for batch editing
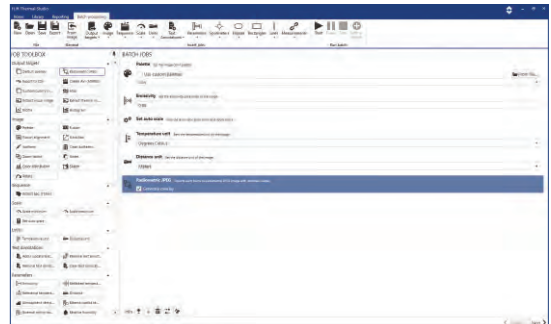
Select actions for batch processing
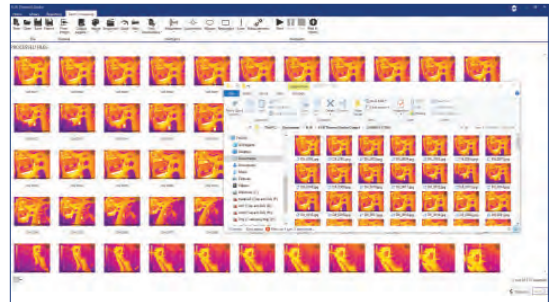
See batch processing results in minutes