



Interstate Roof Systems Consultants, Inc.

Interstate Roof Systems Consultants, Inc. (IRSC)

Evaluate. Consult. Manage. Protect.

Contact Information:

David C. Velcheck, CCS, RRC, President of IRSC
16680 W. Cleveland Avenue, Suite A
New Berlin, WI 53151
262-336-8270
www.irscinc.com



FOR IMMEDIATE RELEASE

IRSC ADDS NEW HIGH-TECH DRONE TECHNOLOGY, EXPEDITING CUSTOMER INFORMATION RESPONSE AND ENHANCING WORKER SAFETY

Why does a roofing technician need a pilot's license?

New Berlin, WI (June 15, 2018) – [Interstate Roof Systems Consultants Inc.](#) (IRSC), a national roofing consultant with offices in three states, has added [a high-tech drone with infrared thermography capabilities](#) to its stable of diagnostic tools, expediting the collection of detailed information for customers to help them make decisions about roof maintenance.

The new [DJI Inspire 1 drone](#) with a [Flir Zenmuse XT infrared camera](#) can reduce the time for a roof assessment by 50 percent. The agile craft also has access to angles and perspectives not available via standard inspection techniques, allowing more detailed assessments than ever before.

Two IRSC roofing technicians completed an FAA certification process to secure unmanned aircraft pilot's licenses, a legal requirement to use the drone and put its extensive capabilities to work for customers. The drone technology tremendously enhances project safety, as workers don't have to navigate rooftop obstacles, dangerous pitches or inclement weather.

"Our new drone technology creates access to roofs that are typically out of reach or extremely costly to access, ones that often require expensive lifts or a crane with a man-basket," said [David Velcheck](#), President of IRSC. "Our technicians can safely cover a large area of roof with a drone and focus on areas that need immediate attention, which the [drone's infrared thermography](#) quickly identifies. This drone capability saves our clients time, money and worry by being able to pinpoint damaged roof section(s) that trigger water leaks, interrupting day-to-day business or, worse, creating health hazards to their people."

In one situation, a new facility manager for two commercial/industrial buildings faced recurring roof leaks over an office and laboratory in the buildings. He needed to quickly understand the condition of the roof systems, as water entry was damaging the newly-remodeled laboratory, and creating potentially hazardous conditions with contents stored in its space. IRSC utilized the [DJI Inspire 1 drone](#) with the [Flir Zenmuse XT infrared camera](#) to help the manager provide [crucial documentation](#) to the organization's



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stakeholders, and receive funding to repair the roofs. The organization had not previously understood the severity of the roof's deteriorating conditions, and was thus unable to resolve the recurring leaks. IRSC completed the assessment in one night, using the [drone's infrared technology](#), in a scenario that would typically take technicians two to three nights to manually assess.

[IRSC](#) is a Registered Roof Consultant (RRC) and proud member of the [Roof Consultants Institute \(RCI\)](#). IRSC is 100 percent independent, maintaining no relationships with materials manufacturers or roofing contractors. Want to learn more? Contact IRSC at info@irscinc.com or 262.336.8270

About IRSC:

For over 20 years, IRSC has provided roof system consulting services to clients nationwide. [Building owners and facilities managers](#) with millions of dollars in roof assets trust IRSC to properly maintain existing roof systems. IRSC experts also design cost-effective roof replacement solutions, create maintenance procedures that reduce future costs, and [manage the entire roof replacement process](#).

Dave Velcheck joined IRSC in 2015, and became President in May 2017. Since his arrival, the company has tripled in size, thanks to utilizing new technologies and adding specialized solutions to [its suite of services](#).

Interstate Roof Systems Consultants Inc. has offices in [New Berlin, Wis., Monument, Colo., and Elgin, Ill.](#) Experience to keep you covered... Nationwide.