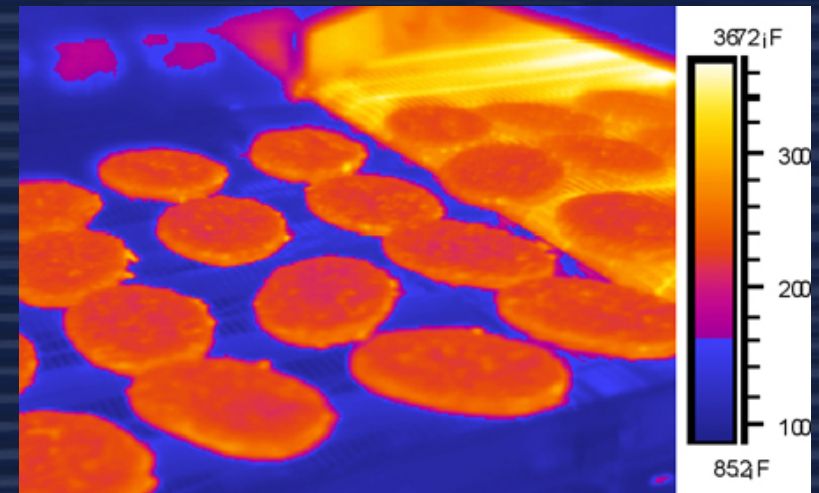


**WHAT IS INFRARED?**

**Infrared thermography  
measures the surface  
temperature of any material**



Thermal Imaging with an infrared camera. "Paints a different picture."



A thermogram  
of a house

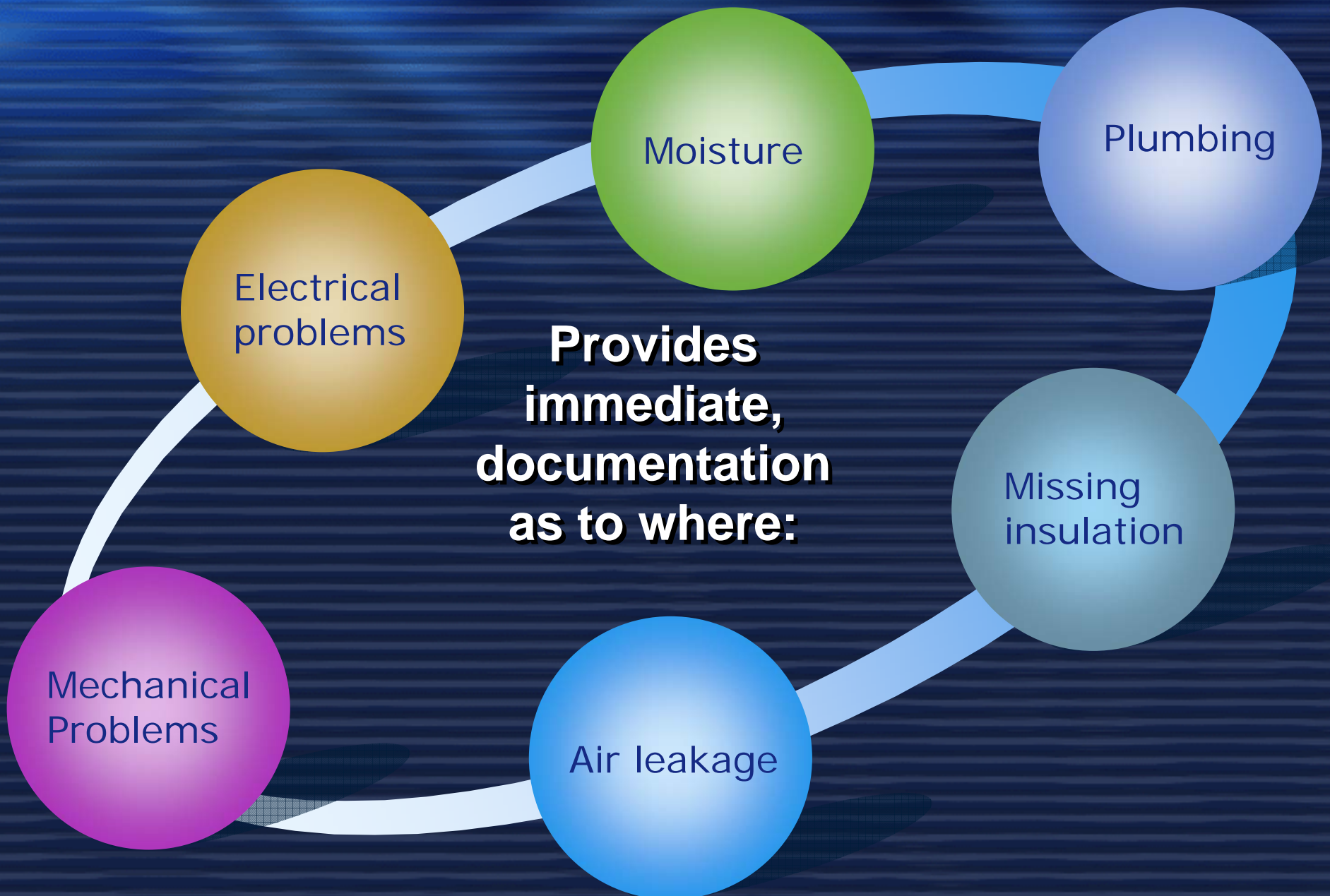
**Building materials radiate energy and the energy can be affected by moisture content retained within the building materials**

**Wet materials retain heat and change slower than dry areas of the same type of building material.**



## WHAT IS INFRARED BUILDING SCIENCE?

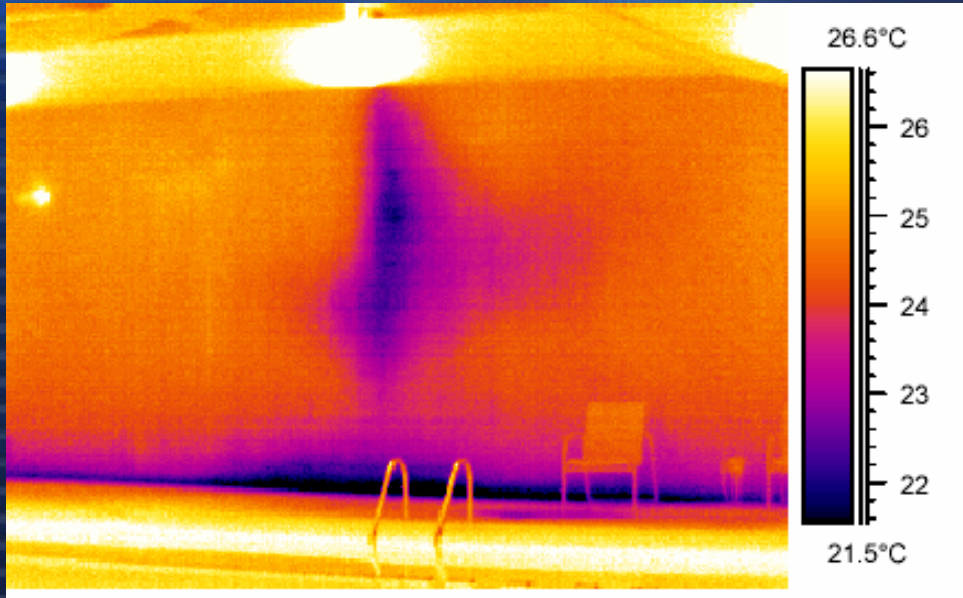
- ④ It's the application of infrared thermographic inspection techniques as a powerful & noninvasive means of monitoring & diagnosing the condition of a building.



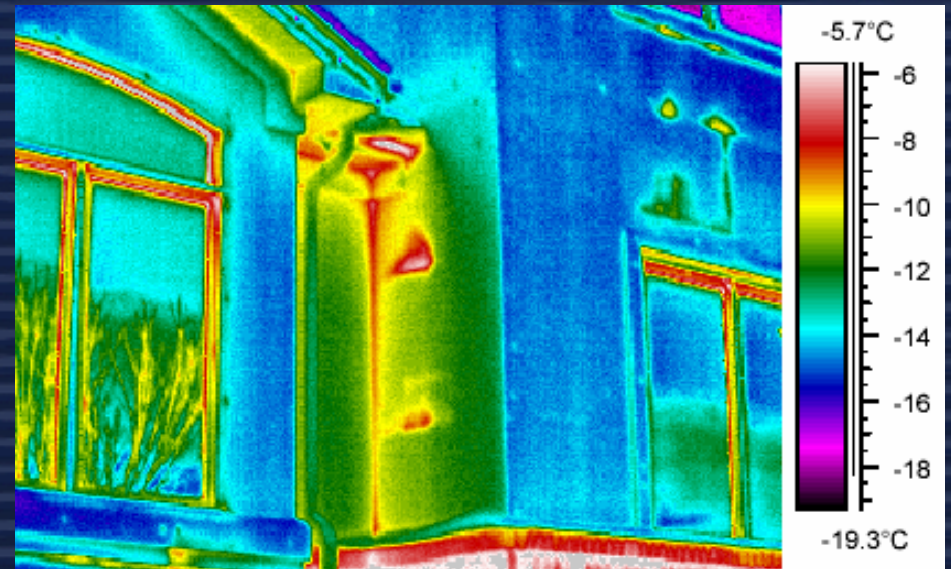
## USES FOR INFRARED



- Moisture Detection
- Mold Detection (Condition conducive for mold growth)
- Water Leak Detection
- Moisture behind Exterior Finish Insulation System)
- Loss Prevention
- Roof Leak Detection
- Energy Efficiency
- Building Maintenance
- Machinery Maintenance
- Water Damage Restoration



Interior Moisture.



Missing sheet metal "kicker" flashing at a roof-to-wall interface has resulted in moisture behind the EIFS.



The thermogram of this vinyl-sided 3-floor apartment house clearly shows the path of a serious leak from a washing machine on the third floor, which is completely hidden within the wall. The thermographer used FLIR's Image Builder software to automatically "stitch" the three individual thermographs into one fully thermographic collage.

**SAVE**

**BY USING INFRARED**

**Call 417 869-8070 for more  
information and pricing**

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