



# NEWS

Innovative Micro Technology  
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## FOR IMMEDIATE RELEASE

### **RedShift Systems Announces Selection of IMT as Preferred Foundry Partner for Next Generation Thermal Imaging Device**

**Burlington, MA – 19 September 2007** – RedShift Systems, a Burlington, MA based provider of next generation thermal imaging solutions, has selected Innovative Micro Technology (IMT), the world’s leading Micro-ElectroMechanical Systems (MEMS) foundry, as its preferred partner to produce the RedShift Thermal Light Valve™ (TLV). The TLV is a solid state, passive optical component that shifts long-wavelength thermal infrared radiation to visible light, thereby allowing standard CMOS and CCD digital cameras to "see heat." The TLV enables a new generation of affordable infrared imaging devices that will rapidly expand the market for thermal imaging.

“Manufactured with just a handful of process steps, our Thermal Light Valve is inherently lower cost than the more established microbolometer products,” said Matthias Wagner, CEO of RedShift Systems. “With IMT’s leading MEMS capabilities we are now positioned to expand low-cost thermal imaging into mass-markets that have been unable to afford current solutions.”

“RedShift has an exciting and disruptive technology poised to change an entire industry. We are excited to help make it a reality and to bring to bear IMT’s considerable resources in building reliable, low-cost MEMS-based products,” said John Foster, Chairman and CEO of IMT. “We look forward to creating a sea change in the thermal imaging industry.”

#### **About Innovative Micro Technology**

IMT was formed in 2000, specifically to produce MEMS (micro-mechanical systems) devices. IMT’s overriding goal is to partner with companies to develop products based on MEMS technology. Its 130,000 square foot facility contains a 30,000 square foot clean room/fab, the largest and best-equipped independent MEMS fab in the world. The company was built for high-volume manufacturing, and provides full foundry services from design through production. [www.imtmems.com](http://www.imtmems.com).

#### **About RedShift Systems, Inc.**

RedShift Systems is enabling the mass-market application of thermal imaging cameras for thermography, firefighting, security and surveillance, automotive, and other industrial markets where high cost has historically limited deployment. Its core innovation, the Thermal Light Valve (TLV), is at the forefront of a new wave of thermal imaging modules and imagers based on optical readout technology. The TLV, when combined with commercial off-the-shelf CMOS or CCD imagers, delivers high quality imagery at a fraction of the cost of current solutions. [www.redshiftsystems.com](http://www.redshiftsystems.com).



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