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## Don't Miss These Free New Technology Demos and Displays

See innovations from our exhibitors in this special showcase. Get an up-close look at the latest in technologies like smartphone thermal imaging, high-dexterity manipulation systems, 6 axis motion systems, and more.

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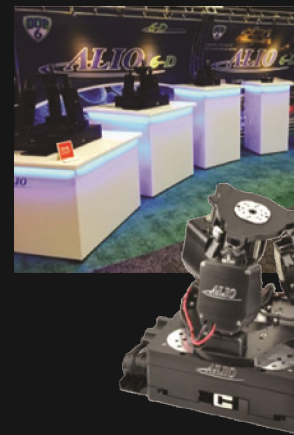
### **FLIR ONE the first ever smartphone-based thermal imager**

FLIR ONE uses MSX multi-spectral image blending that adds edge detail from the visible spectrum to thermal images to enhance image detail. FLIR ONE uses FLIR's all new Lepton camera core, the world's smallest commercially available microbolometer-based thermal camera. Lepton was designed for easy integration into third party products, such as smartphones, tablets, diagnostic tools, automobiles, toys, building controls, process equipment, security systems, machine vision systems, and advanced gaming devices.



### **The Johns Hopkins University Applied Physics Laboratory's "Robo Sally"**

A high-dexterity anthropomorphic manipulation system with an articulating sensor head mounted to a mobility platform. The system enables operation in extreme environments by projecting human dexterity and decision capabilities from a safe stand-off distance. Robo Sally is based on APL's 17 DOF Prosthetic Arms, developed under DARPA's Revolutionizing Prosthetics Program.



### **ALIO's Hybrid Hexapods® demonstrates multi-axis synchronization**

A Hybrid Hexapod® is a mix of parallel kinematics and serial kinematics which makes it a Hybrid with 6 axis of motion.

This new type of motion solution eliminates the weaknesses of the conventional hexapod with two orders of magnitude more accuracy while providing a much more robust solution for applications requiring high lateral loading. It will change the way you think about hexapod applications.

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Featured on the Show Floor