

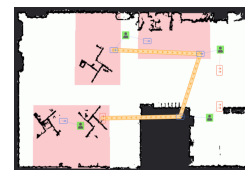
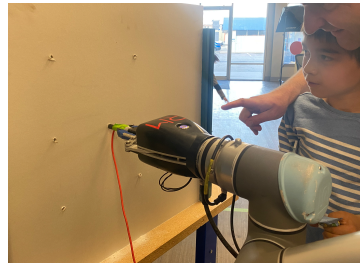
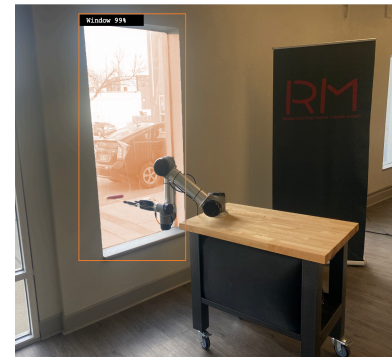
The Challenge

R-15/in, transparent, low-cost insulation aerogel materials are now available, but building retrofit is not economical due to labor costs.



The Solution

Autonomous robots use mapping, localization, machine learning and force-based robotic manipulation to retrofit buildings using transparent aerogels injected into building walls and skylights and laminated on windows.



RetRobot HighR

The Team

Our unique mix of expertise removes key obstacles to economical retrofitting.



Prof. Ivan Smalyukh, CEO



Jennifer Shih,
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Robotic Materials Inc.



Prof. Nikolaus Correll, CEO