

## Studio 1 Labs Edward Shim, Managing Director

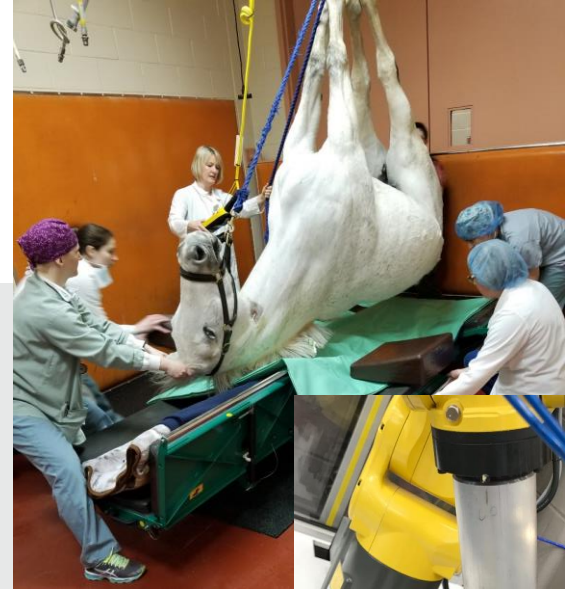
edward@studio1labs.com

edward@lumensecurity.com

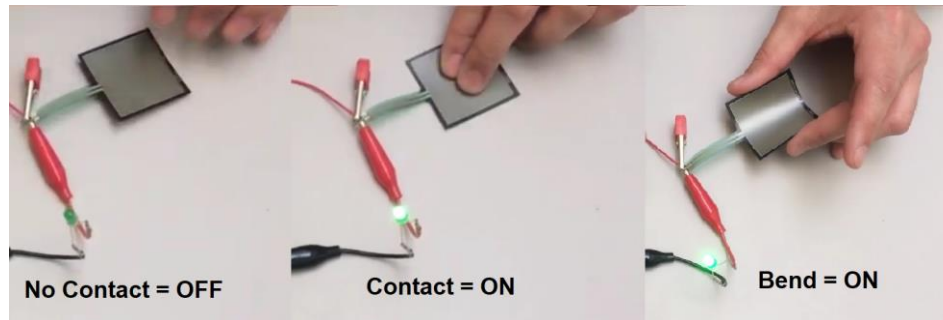
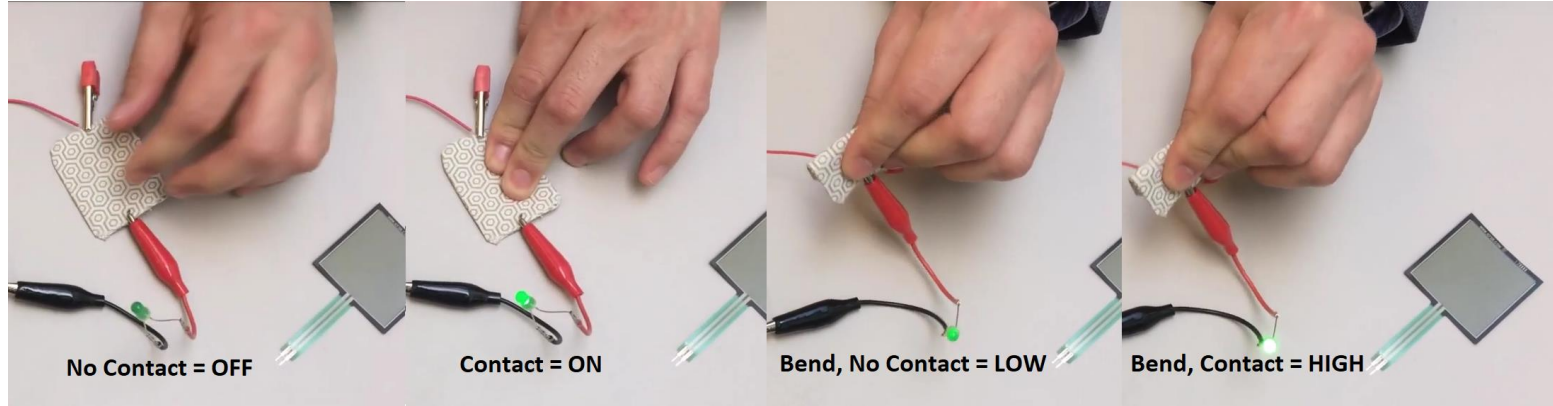
+1-416-821-7825

3600 Steeles Ave. East, IBM – MCC  
Markham, ON L3R 9Z7

- Precision flexible electronics, turning everyday items into electronic devices.
- Patented: healthcare monitoring, smart shelving systems, robotics sense of touch.
- Vision:  
Leading industrial automation by providing everyday electronics with the human sense of touch.



## Precision VS...



... Estimation

- Collaborative Advanced Manufacturing project idea 1:

## **Project 1:**

“SMART” Shelving Real-Time Inventory Management

**Outcome:** Efficiency flow improvements.

- Collaborative Advanced Manufacturing project idea 2:

## **Project 2:**

Industrial Automation with “Artificial Skin” for Robots  
Providing Dexterity Feedback

**Outcome:** Higher precision with automating performance of complex tasks.

- Existing Resources:

**FOXCONN<sup>®</sup>**

- VP of North America,
- Global hardware sales and distribution

**IBM**

- Venture Capitalist, IBM corporate strategy
- Global sales and infrastructure

- Partnerships we are seeking:

- 1) Beta testers for “SMART” Shelving and data **communication** flow  
Benefits: Operational improvements and cost reduction (ex. Reduce stockout)
- 2) Software/Platform for sensor input **integration** with haptic response output  
Benefits: Improve algorithms with large volume time-series data flow
- 3) Robotics to **combine** “skeleton with skin”  
Benefits: Hardware advancement capabilities