The Problem
Diagnosis procedures, home inspection, etc. are processes that can be invasive, time consuming, and costly but are necessary.

The Solution
The Sixth Sensor can discover hidden anomalies in a non-invasive way, by using infrared technology with a single click.

Light Spectrums
Visible
- Naked eye
- Reference spectrum

NIR
- Check food quality
- Medical screening

SWIR
- Hidden moisture
- Counterfeiting

LWIR
- Surveillance
- Body Imaging

The Process
1. Image Capture
Single click triggers synchronize four-image capture

2. Database
Store and retrieve user account information, images, and notes

3a. Image Stitching
Align images taken at different angles

3b. GUI
Easy interface with the camera system and database

Acknowledgments
To UCSB, FLIR, and our advisors Tim Sherwood, Chandra Krintz, Kyle Jorgensen, & Janet Kayfetz