

LITTLE BROTHER LLC



Little Brother is protecting private conversations and meetings from both physical and digital eavesdropping threats by using inaudible ultrasound to over saturate and neutralize the microphone capabilities of any device.

As devices increase, our security decreases

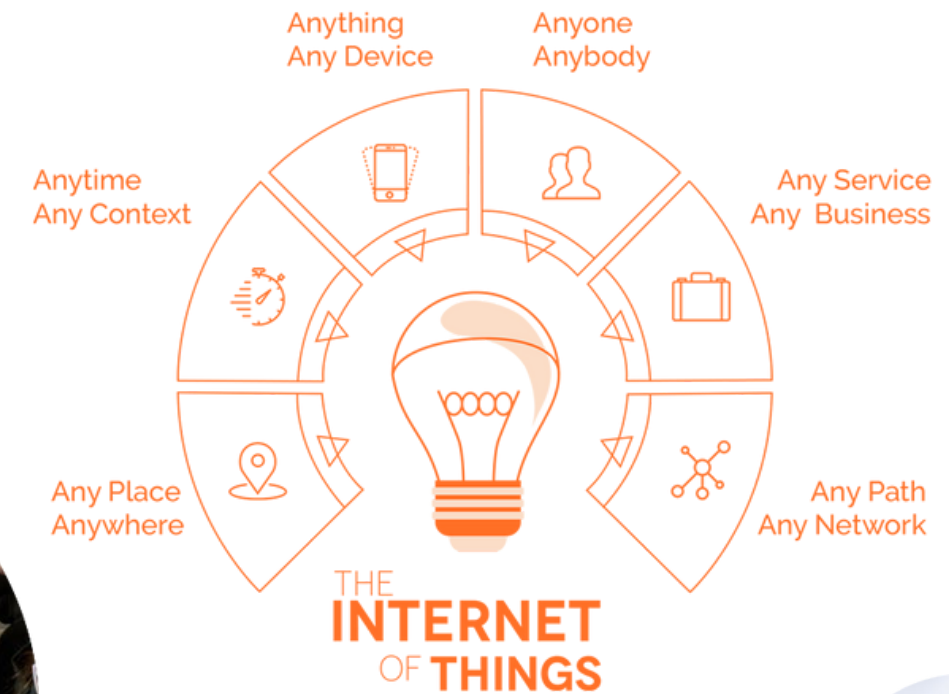
Cyber terrorists
and hacker groups



Foreign
Governments



Corporate Espionage



"There are an estimated 10 billion cameras and over 20 billion microphones that are connected to the internet. When someone hacks your webcam, they are also turning on your microphone."

--Ric Ralston, co-founder of Mic-Lock and Colampra.

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We continue to see more and more cybersecurity breaches

Forbes

Cyberattacks On IOT Devices Surge 300% In 2019, 'Measured In Billions', Report Claims



Zak Doffman Contributor ⓘ

Cybersecurity

I write about security and surveillance.

Report: Executives Likely to Be Targeted for Cybercrime

An Era of Unparalleled Espionage Risk Is Upon Us



Scott Stewart

VP of Tactical Analysis, Stratfor

NEWS

127 devices added to the Internet each second, but Congress is clueless about IoT

Every second there are 127 items added to the Internet, but how is Congress keeping up with the Internet of Things? A new investigation revealed that it's not.

TIME

TECH • PRIVACY

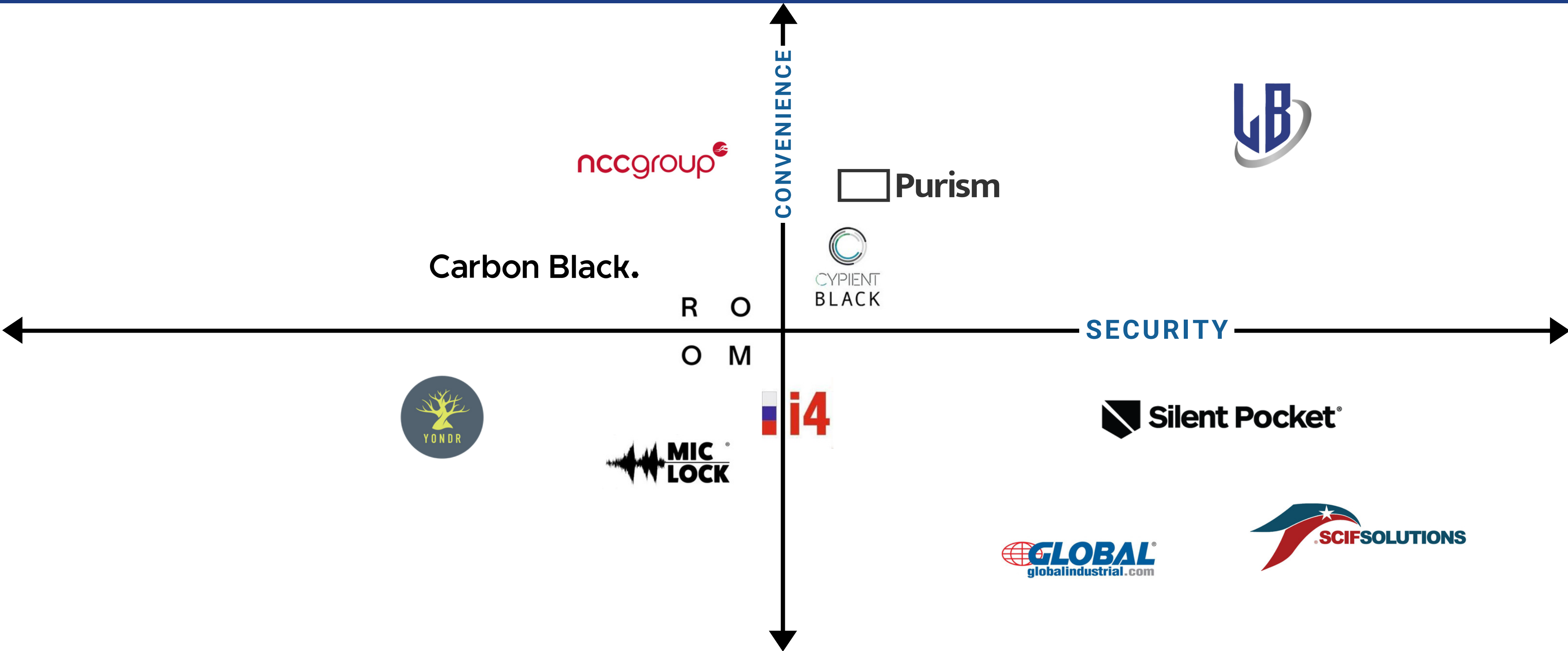
Thousands of Amazon Workers Listen to Alexa Users' Conversations

"All the world's major economic, political and military powers are priority targets of cyber-attackers."

--The Cyberthreat Handbook

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The products on the market leave a gap in convenience and security

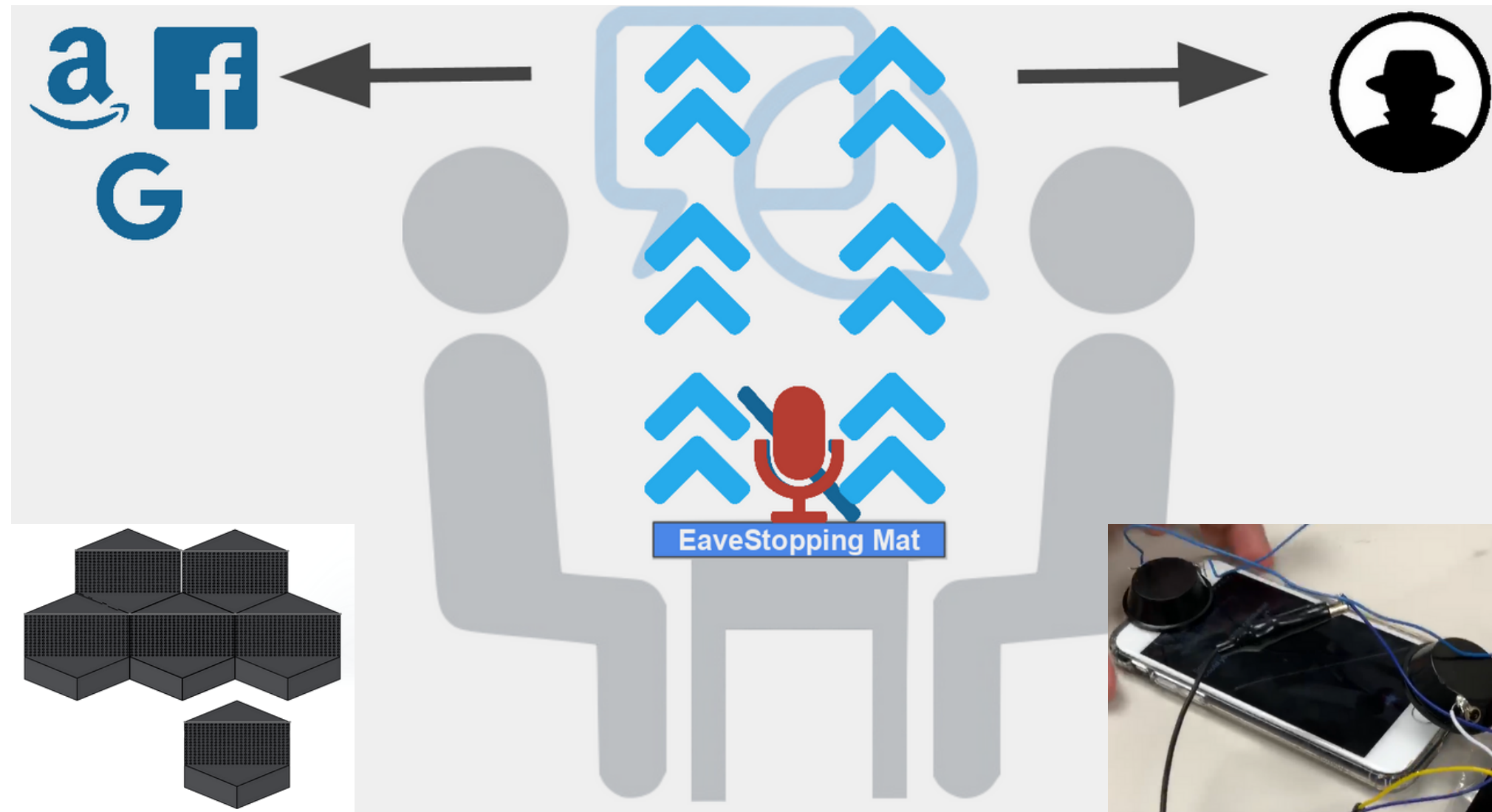


"Data Theorem has identified more than 100 million eavesdropping attempts on iOS and Android applications since its TrustKit release in 2015."

--Security Boulevard

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Little Brother can mitigate these risks through an innovative approach



- 1 Device is placed in range of the EaveStopping technology
- 2 Inaudible sound oversaturates the devices' microphones
- 3 Microphone capabilities neutralized

The result is a comprehensive, yet convenient audio security solution.

"The approach is not only ingenious, but it actually works."

--Felicia Doggett, CEO of Metropolitan Acoustics

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Our key features differentiate our solution from competitors

	Eavestopping Technology \$250+	EMI/RF Fixed Solutions \$10,000--\$100,000	EMI/RF Mobile Solutions \$15--\$1,000	Software Solutions \$3,000 - \$10,000 Annually	No Device Solutions \$0--\$5,000
 Physical & Digital Threat Protection					
 Retain Device Connectivity					
 Real-Time Encryption					
 No Software Dependence					
 Custom Solutions					
 Portable and Easy to Use					

"There is a staggering 600% increase in attacks against IoT devices this past year."

-- Symantec 2018 Internet Security Threat Report, Vol. 23

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The opportunity will continue to grow as regulations change and awareness of the problem becomes mainstream

INDUSTRIES WHO SIGNED LETTERS OF INTENT			FULL GOVERNMENT, BUSINESS, AND CONSUMER OPPORTUNITY
CURRENT PROSPECTS Government <ul style="list-style-type: none">• 59 Air Force Bases (10) Businesses <ul style="list-style-type: none">• 35 MVP Requests from commercial segments (3) \$235K	Government <ul style="list-style-type: none">• 80 Total Domestic/International Air Force Bases (10)• 66 Major Army Bases in US (10)• 40 Navy Bases (10 Devices Per Base)• 15 Head of US Agencies (1) Businesses <ul style="list-style-type: none">• 5,000 Co-Working (15)• 12,500 Hedge Funds (5)• 10,000 Law Firms (5)• 572 Pharma/Bio-Tech Companies (15) \$49MM	Government <ul style="list-style-type: none">• 800 US Military Bases in the world (50)• 360K Government buildings (25) Businesses <ul style="list-style-type: none">• 7,000,000 Conference Rooms in US (1) Consumers <ul style="list-style-type: none">• 100M US consumers worried about phone (1) \$29B+	

"The costs of global cybercrime are projected to reach \$6T annually by 2021."

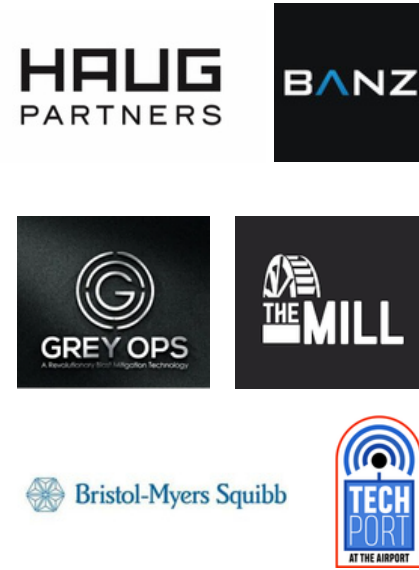
--Cisco/Cybersecurity Ventures 2019 Cybersecurity Almanac

Little Brother LLC

In a short period of time we went from idea to proof of concept



AUGUST 2019
Demo Day
111 Customer Interviews



DECEMBER 2019
Awarded Phase 1 STTR
\$25,000 Funding



JUNE 2019
Summer Founder's
Pre-Accelerator
\$7,500 Funding



NOVEMBER 2019
Proof of Concept
Design Hardware Trials
6 Enterprise LOI's



JANUARY 2020
Commence Hardware Trials

Our goal is to take a product to market in January 2021

Q1 2020: Test & Iterate EaveStopping Solution

- Complete All Necessary Safety/Compliance reqs
- Test Effectiveness for Devices on EaveStopping Pad
- Confirm MVP 1.0 Design
- Commence MVP Hardware Trials with LOI partners
- Test form factor designs with LOI Partners
- Build Engineering Team
- Complete AFWERX PHASE 1 STTR

1

RECEIVE AND FULFILL
35 MVP REQUESTS

Q2 2020 to Q4 2020: R&D and EaveStopping Product Development

- Complete Hardware Trials
- Prototype 2.0
- File provisional utility and design patents
- Develop audio-security evaluation metric
- Collect Pre-Purchase orders
- R&D AFWERX PHASE 2 STTR/SBIR

2

RECEIVE AND FULFILL
100 DEVICE REQUESTS

Q1 2021: Hard Launch

- Finalize First Commercial Product
- Finalize EaveStopping Integration Service
- EaveStopping Wireless Charger Kickstarter/Indiegogo
- Launch ECommerce Platform
- Active Advertising and Outreach Campaign
- Build Installation and Sales Team

3

SELL 1,000 UNITS TO
TARGETED SECTORS

Our diverse team and advisory board is well-equipped to tackle our goals



ZACHARY GRANAT



TYLER PSENICSKA



JAMES MESAROS



KHALIL DAROUICHI



FELICIA DOGGETT

Founder and CEO of
Metropolitan Acoustics



CHARLIE BROGAN

(ret) Managing Director,
Brandywine Capital



THOMAS LUGINBILL

TechPort Director,
University of Maryland



ALI BERKIN

Scientific Patent Attorney
Partner at Haug Partners LLP



NELSON NOVOA

Executive Director of IT,
Bristol Myers Squibb



JOHN IADELUCA

Founder and CEO,
Banz Capital

"Great product, even better team chemistry"

*--Thomas Luginbill, Techport
University of Maryland*

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The \$10,000 will fund MVP devices for testing and customer discovery events

	PHASE 1: \$5000	PHASE 2: \$10,000
1 DIRECT COST MATERIALS Create additional prototypes for customer discovery and improvemenst	\$4000 40 prototypes @ \$100 each	\$4000 40 prototypes @ \$100 each
2 TESTING Perform quality control inspections and compliance with government regulations	\$500 Multimeter & misc. testing equipment	\$500 Multimeter & misc. testing equipment
3 EVENTS & TRAVEL Attend technology and entrepreneurship conferences and events	\$500 MADV Diamond Ventures, Tech Port, Dreamport, Luncheons, Tech Meetups	\$500 Tech Port, Dreamport, Luncheons, Meetups

Little Brother LLC is bridging the gap in audio security with a cost-effective, convenient, and comprehensive approach

- **The Problem:** As we surround ourselves with smart phones and IoT devices, there is a growing need for audio-security and concern for privacy
- **Current Solutions Are Not Sufficient:** Current solutions render devices useless, leaving a gap in audio security--a comprehensive yet convenient approach is necessary
- **The Benefits for Customers:** We can prevent loss from cyberattacks (one of the greatest risks to businesses and governments today) at an affordable cost
- **Rapid Traction:** UD Summer Founders Program, 6 Letters of Intent to test MVP, an AFWERX STTR Grant tentative finalist, and finalists in the TechStars program; all in under 12 months
- **The Team:** With an extensive advisory board and a team of accomplished recent graduates and students, we are the committed team to be first-mover in the underserved audio-security market

Little Brother is protecting private conversations and meetings from both physical and digital eavesdropping threats by using inaudible ultrasound to over saturate and neutralize the microphone capabilities of any device.

"Why lock your doors if you're going to the windows open?"

--James Mesaros, Little Brother LLC

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