Conversational Al That's More Human™



# SoundHound Al Investor Presentation

August 2023

# **Disclaimer and Other Important Information**



#### **Forward Looking Statements**

This presentation contains forward-looking statements, which are not historical facts, within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. In some cases, you can identify forward-looking statements by the use of words such as "may," "could," "expect," "intend," "iplan," "seek," "anticipate," "believe," "estimate," "predict," "potential," "continue," "likely," "will," "would" and variations of these terms and similar expressions, or the negative of these terms or similar expressions. These forward-looking statements include, but are not limited to, statements concerning our expected financial performance, our ability to implement our business strategy and anticipated business and operations, including our ability to improve our Generative AI Foundation Model, expand our White Castle partnership and roll out our Al drive thru service, roll out Dynamic Interaction, Chat AI for Automotive, and expand the number of platforms on which our voice AI technology will be available, the potential utility of and market for our products and services, our ability to achieve revenue from our bookings backlog and our guidance for financial results for 2023. Such forward-looking statements are necessarily based upon estimates and assumptions that, while considered reasonable by us and our management, are inherently uncertain. As a result, readers are cautioned not to place undue reliance on these forward-looking statements. Our actual results may differ materially from those expressed or implied by these forward-looking statements as a result of risks and uncertainties impacting SoundHoundi's business included in our bookings backlog, including, but not limited to, our ability to convert customers and derive significant revenue, our ability to develop the bespoke products and services required under the contracts included in our bookings backlog, including, but not limited to, our ability to convert customers, our market opportunity and

#### **Use of Projections**

The financial projections, such as cumulative bookings backlog, presented in this presentation, with respect to SoundHound represent SoundHound management's current estimates of future performance based on various assumptions, which may or may not prove to be correct. SoundHound's independent registered public accounting firms have not audited, reviewed, compiled or performed any procedures with respect to the projections and, accordingly, they did not express an opinion or provide any other form of assurance with respect thereto. These projections constitute forward-looking information, are presented for illustrative purposes only and should not be relied upon as being necessarily indicative of future results. The assumptions and estimates underlying these projections are inherently uncertain and are subject to a wide variety of significant business, economic and competitive risk that could cause actual results to differ materially from those contained in these projections. Accordingly, there can be no assurance that these projections will be realized. Further, industry experts and others may disagree with these assumptions and with SoundHound management's view of the market and the prospects for SoundHound. Our ability to recognize our cumulative booking backlog and to service the total addressable market is subject to various risks and uncertainties, including our ability to obtain additional capital, including equity or debt financing, to continue operations.

#### Use of Data

This presentation also contains statistical data, estimates and forecasts made by independent parties and by us relating to market size and growth, as well as other data about our industry and business. These data involve a number of assumption and limitations, and we have not independently verified the accuracy or completeness of these data. Neither we nor any other person makes any representation as to the accuracy or completeness of such data or undertakes any obligation to update such data after the date of this presentation. In addition, projections, assumptions and estimates of our future performance of the markets we operate are necessarily subject to a high degree of uncertainty and risk.

# SoundHound AI Highlights

Best-in-class voice AI technology surpassing competitors in <u>speed</u>, <u>accuracy</u>, <u>and complex language understanding</u> with a deep patent portfolio

Strategically positioned as the <u>leading independent voice AI platform</u> with fully integrated, proprietary solutions in 25 languages on both cloud-enabled and hardware-embedded devices

Massive <u>\$160B+ total addressable market</u> with large barriers to entry creating deep competitive moat

In production at scale with prominent global brands across industries with \$339M cumulative bookings backlog

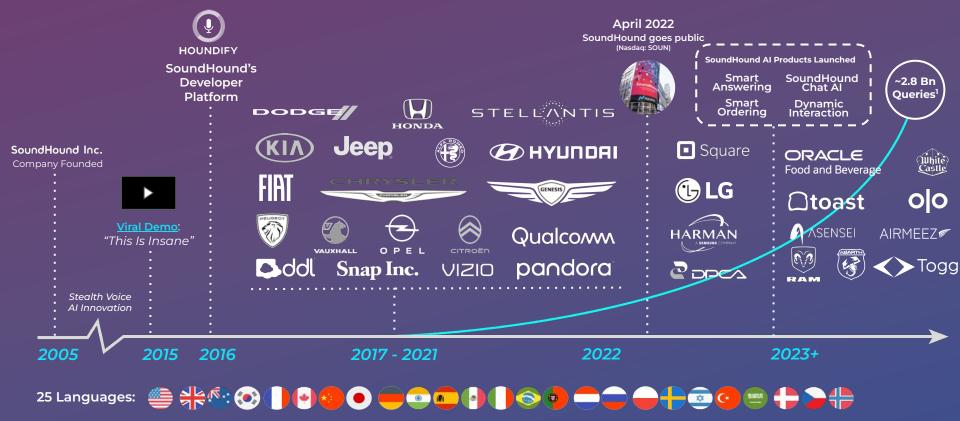
Strong financial momentum, demonstrating healthy growth and steady progress in <u>driving efficiencies and improving cash flow</u>

The Company is driving towards adjusted EBITDA positive



# **SoundHound AI** – The Choice of the World's Leading Brands

Our platform powers the voice experience in millions of products around the world

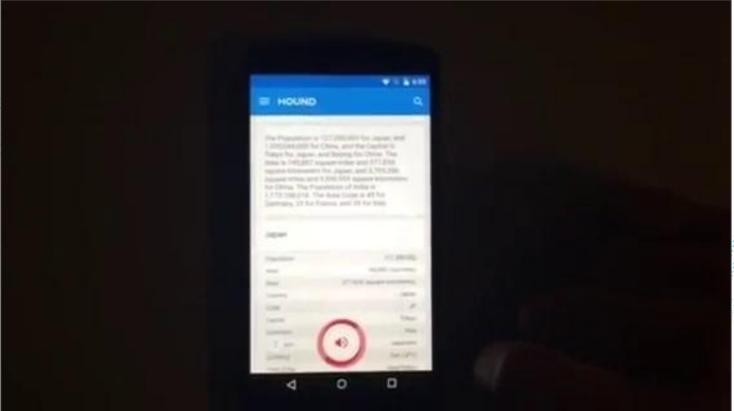


1. Annual query run rate based on >230 million queries per month as of June 30, 2023

# "This is Insane!"

Number 1 post on Reddit with 2+ million views in one day





# **Our Vision**

Create a conversational AI platform that:

exceeds human capabilities

delivers value and delight to end users

creates an ecosystem with billions of products

enables innovation and monetization opportunities for product creators

# SoundHound's Disruptive Voice Al Technology and Products

Portfolio of advanced technologies and products deliver conversational AI that's **more human™** 

# **Technology**

#### Speech-to-Meaning®

Breakthrough technology that understands speech like humans

#### **Deep Meaning Understanding®**

**Enabling natural and complex conversations** 

#### **Generative Al**

Large language model integration extends the capabilities and depth of domains, delivering a superior, natural conversational experience

#### Collective AI®

Al with a collective of domains & knowledge that is bigger than the sum of its parts

### **Products**

#### **Smart Answering**

a custom Al-powered voice assistant and answering service.

#### **Smart Ordering**

Easy-to-understand voice assistant that takes phone orders and automatically processes them.

#### **Dynamic Interaction**

a category-level breakthrough in conversational AI that raises the bar for human-computer interaction by not only recognizing and understanding speech, but also responding and acting in real-time.

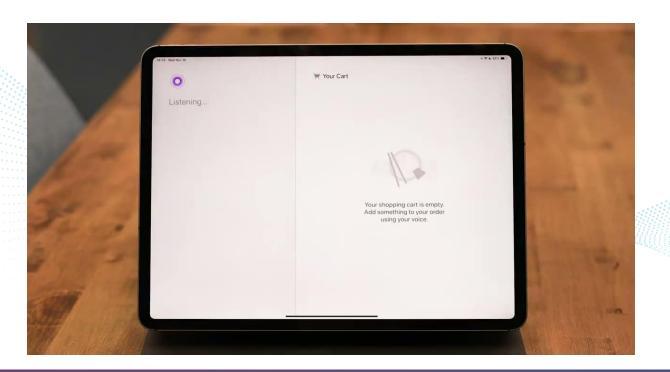
#### SoundHound Chat Al

The fastest, smartest, most up-to-date Voice Assistant with large language model integration.

# We Continue to Revolutionize Human-Computer Interaction for Commercial Use Cases



Dynamic Interaction is a groundbreaking real-time, multimodal, full-duplex interface poised to revolutionize human-computer interaction



# We Believe Every Company Needs Voice Al

Voice AI delivers business value, unifies customer service, and increases safety

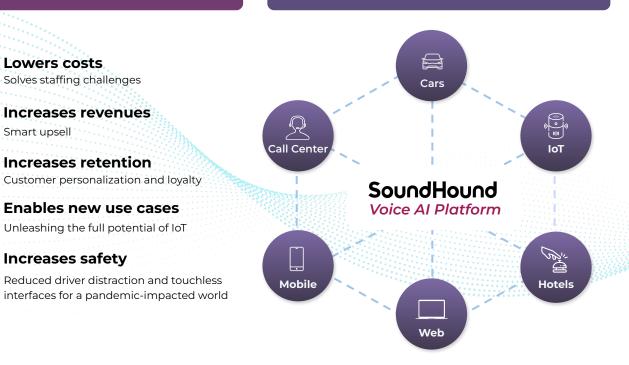


#### **Voice AI Business Value**

#### **Multichannel Integration**

#### **SoundHound Advantages**

- Lowers costs Solves staffing challenges
- Increases revenues Smart upsell
- Increases retention Customer personalization and loyalty
- Enables new use cases Unleashing the full potential of IoT
- Increases safety Reduced driver distraction and touchless



- Breakthrough voice AI technology developed over two decades
- Independent platform giving businesses full data privacy controls and ability to garner insights from data
- White-labeled solution that offers ability to have brand-owned voice experiences that build loyalty
- An ecosystem that drives monetization opportunities by connecting users with services on SoundHound's platform
- Holistic solution with cloud and edge connectivity options, a wide range of domains, and ability to customize

# **SoundHound Chat Al**

Voice-Enabled Platform that Combines real-time Information Domains and Generative AI Models like ChatGPT

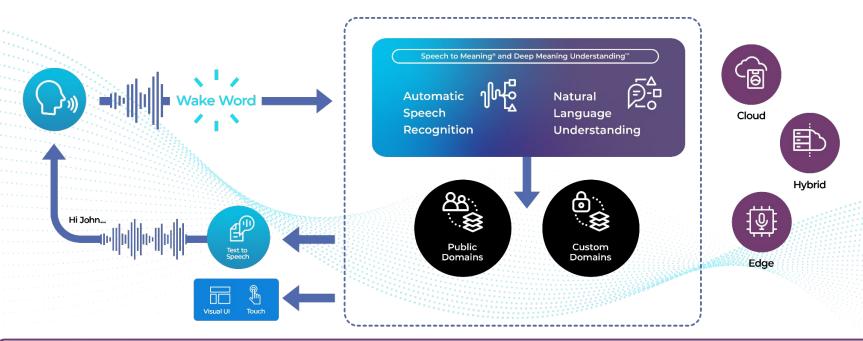




# **SoundHound Voice AI Platform**

SoundHound's advanced voice AI platform combines proprietary technologies





We have proprietary *Speech-to-Meaning*,  $^{\text{\tiny M}}$  *Deep Meaning Understanding*,  $^{\text{\tiny M}}$  and *Collective Al*  $^{\text{\tiny M}}$  breakthroughs that we built from the ground up.

# Speech-to-Meaning®

Breakthrough technology that understands speech like humans



- Traditional technologies use a two-step process (speech-to-text and then text-to-meaning)
- Humans convert speech to meaning in one step
- SoundHound's Speech-to-Meaning® combines ASR and NLU to understand speech in real-time
- Result: Dramatically increased speed and accuracy

# Speech ASR Transcription NLU Meaning

**Traditional Approach** 

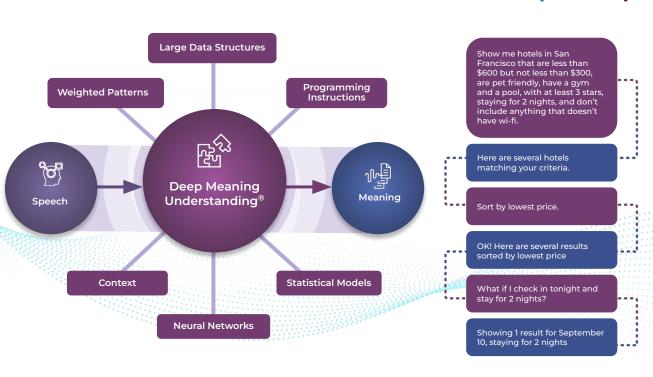
#### The SoundHound Approach



# **Deep Meaning Understanding®**

Enabling natural and complex conversations

- Understands complex conversations
- Understands context
- Automatically creates a searchable space and allows dynamic changes
- Lightning-fast searches that avoid early classifications
- ✓ Real time speech or text input
- Executes code in real time
- ✓ Scalable



# Collective AI® Vision

A global AI that knows the answer to any question and can perform any task

Extensible collective AI platform for developer collaboration to create a global AI that is always learning and is larger than the sum of its parts:

- Interconnected domains and knowledge graphs
- · Crowdsourced to domain experts
- Intelligence increases exponentially based on linear contribution
- Full flexibility for contributors and product creators



Collective AI - Crowdsourced, Always-Learning Domain Knowledge

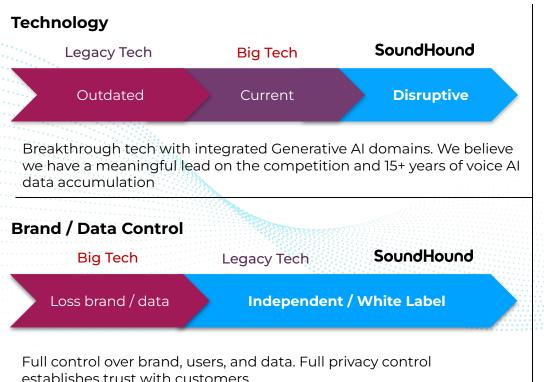
# **Strong Patent Protection**

260+ Patents: 120+ granted, 140+ pending

	Speech Recognition	ASR accuracy, SLMs, AM training, pronunciations, phrase spotting, EOU detection, speech attribute detection
₽-0	Natural Language	Domains, grammars & phrasings, parsing & interpretation, slot values, disambiguation & modal dialog, query API access, response information, transcriptions
क्रीि	Machine Learning	Neural networks & training, statistical modeling, embeddings & dimensionality reduction, crowdsourcing, recommendation, database management, prediction, privacy
() <sub>3)</sub>	Human Interfaces	Microphone, displays, device states, engagement, TTS voices, query cut-offs, personalization, conversations, searching, filtering
	Platform and Tools	Platforms, SDKs, developer interfaces, content/data providers
\$ÛÛ	Advertising	Ads, profiling, thoughts & concepts, monitoring, bidding, buying/purchasing, payments
	Consumer Electronics	Portable devices, wearable devices, automobiles, appliances, offline capabilities
A	Audio and Music	Fingerprinting & music recognition, broadcast & source identification, lyrics synchronization, sing/hum recognition

# Why We Win: SoundHound's Undeniable Criteria for Adoption

We believe our custom Voice AI innovation delivers the greatest value for third-party integration





Competitive Advantage	"Big Tech" 1	"Big Tech" 2	"Big Tech" 3	Legacy Vendors	"Big Tech" 4	SoundHound
Speech-to-Meaning® (Real-Time ASR-NLU)						<b>~</b>
Basic NLU	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	<b>✓</b>
<b>Deep Meaning Understanding®</b> (Complex Conversational Support)						<b>✓</b>
NLU Platform	<b>~</b>				<b>~</b>	<b>✓</b>
Collective AI® (Extensible Platform)						<b>~</b>
Dual Hybrid Technology				<b>~</b>		<b>✓</b>
Embedded Offline Recognition				<b>~</b>		<b>~</b>
Hundreds of Content Domains	<b>~</b>				<b>✓</b>	<b>~</b>
Monetization Revenue						<b>~</b>
Custom Wake Word / Multiple Wake Words				<b>~</b>		<b>✓</b>
Own Your Brand Experience				<b>~</b>		<b>~</b>
Complete Cross-Industry Offering						<b>~</b>
Independent and Platform Agnostic				<b>~</b>		<b>✓</b>
Custom Solutions and Support				<b>~</b>		~
SoundHound	6	17				

# **Massive Market Opportunity for Voice Al**



Voice AI Delivers Real Value to Consumers and Businesses of All Sizes Across Many Industries

#### **Industries with SoundHound Products in Market or in Development**







#### **Auto/Mobility**

- Voice assistant
- Maintenance
- Autonomous vehicles



#### IoT

- Voice assistant
- Smart appliances
- Smart devices



#### **Rest./Cust. Service**

- Food ordering
- Reservation booking
- Appointments



#### **Entertainment**

- · Search and discovery
- Ticket booking
- Purchases

**Industries Representing Future Opportunities for SoundHound** 



#### **Financial**

- Account information
- Transfers / payments
- FAQ automation



#### Retail

- eCommerce
- · In-store kiosks
- CRM



#### **Enterprise**

- HR/IT support
- Inventory management
- Workflow automation



#### Healthcare

- Appointment scheduling
- · Prescription refills
- Symptom checker



#### **Contact Center**

- Customer service automation
- Agent assist

1. Juniper: Voice Assistant Market (April 2020)

Growth in Connected Devices is a World of Untapped Opportunity





2025

75.4B

connected global devices

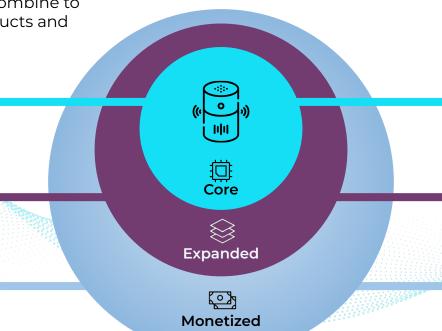
- Limited or no interface
- ✓ Voice Al unleashes the power of the Internet to users
- ✓ Voice AI brings products to life
- ✓ Voice AI converts IoT to AIoT



# The SoundHound Ecosystem Extends Product and Brand Value

Three use case categories combine to unlock the value of IoT products and generate revenue

- Core product use cases
- Expands beyond limited/complex UI
- Cloud or Edge/On-device
- · Access global content
- Broader utility beyond physical form factor
- Direct-to-consumer commerce
- Instant high-value transactions
- Higher margins offering specialized products (no intermediary)
- · Repeat user revenue



"Go back 30 seconds"
"Add this show to my favorites"

"What will the temperature be at noon?" "Who won the basketball game last night?"

"I'd like to order some pizza for delivery"
"I need to order a sound

"I need to order a sound bar for my bedroom."

# **Three Revenue Generation Pillars**

Established royalty and subscription revenues creating an ecosystem of voice advertising and commerce



#### **Products**

Voice-enabled products across automotive and consumer electronics (IoT)

#### 1. Royalties

- Based on volume, usage, and life
- Revenue per device / user
- Revenue per device / unit of time

Pillar I

#### Services

Customer service, food ordering, content, appointments, and purchasing opportunities.

#### 2. Subscription

- Revenue from usage-based monthly fees
- Revenue per query
- Revenue per month / location

Pillar II

#### **Ads & Commerce**

Revenue from users of Products (Pillar I) accessing Services (Pillar II)

#### 3. Monetization

- Commissions on ordering
- Intent-based sponsorship
- High value focused targeting
- Revenue share with customers
- Replace cost with future revenue

Pillar III

Flywheel Effect of Three Revenue "Pillars" Generates
Compounded Growth



#### 1. PRODUCTS

Product adoption increases revenue share and offers more services





#### 2. SERVICES

Services through SoundHound AI platform increase revenue as product usage scales



#### 3. ADS/COMMERCE

Voice Commerce and Ads increase as user queries grow and users transact more frequently







Leads

<u>The Flywheel Effect</u>: Customer adoption of SoundHound's Product and Services generate demand for ads and commerce.

As usage increases new revenue opportunities are created expanding the Total Addressable Market

# **Pillar I Select Market Opportunity: Automotive**

#### **Immediate Opportunity Next Opportunity** Increase penetration with existing customers Increase penetration by ~15x while more than doubling customer base SoundHound is at the inflection point of building scale with SoundHound has significant future opportunities to grow share with existing customers new and existing customers, including new EV entrants 2021 TAM 2026 TAM Global Light Vehicle (GLV) Auto Market<sup>1</sup> ~94M Units ~55% Units ~70% Units are voice Al are voice Al Global Light Vehicle enabled (GLV) Auto Market1 enabled ~80M Units ~46M Units # of units produced by existing ~20M Units customers 30-35% 1% - 2%

#### SoundHound Al

Current customer auto unit

penetration

**Leading Automotive Brands Currently Powered by SoundHound Technology** 





Auto Unit Penetration



















CITROËN















Penetration







# **Pillar II Select Market Opportunity: Restaurants**

#### **Immediate Opportunity**

Massive expansion opportunity within restaurants. Can scale much faster with short sales cycle

SoundHound has a more than a \$1Bn revenue opportunity globally. With a particular focus on the industries fastest growing sector: off premise restaurants (Delivery, Takeout & Drive Thru), SoundHound is poised to grow rapidly as restaurants turn to Tech.

2021

2026

Global Restaurant TAM<sup>(2)</sup>





Restaurants in the United States<sup>(3)</sup>





#### SoundHound Al

**Growing Partnerships with Payment Services, Delivery Apps and Restaurants** 













1.As per Juniper: Voice Assistant Market (April 2020) 2.Statista, May 2022, Expected 4.43T with 9.9% CAGR through 2028; 2026 estimated 3. National Restaurant Association; 2026 estimated based on global market 9.9% CAGR















# **Pillar III Market Opportunity: Monetization**

#### **Next Opportunity:**

Voice AI monetization provides brands new revenue opportunities to monetize their products and services through ecommerce, services and digital advertising

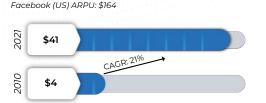
**Implied Revenue Per User: SoundHound's** projected revenue per device is conservative relative to Facebook and Google's historical figures

# 

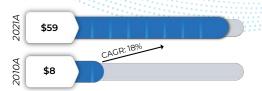
#### **Voice AI Transactions** Select examples

- ✓ Restaurant Ordering
- ✓ Grocery Shopping
- ✓ Entertainment
- ✓ Retail and E-Commerce
- ✓ Auto Services, Gas and Parking
- ✓ IoT Products
- Digital Advertising
- Other Services

#### **Historical Industry KPIs**









#### **Global and U.S. TAMs**

2021

2026

#### **E-Commerce Market**

**Global** \$4.9TN **\$7.4TN** 

U.S.

\$870BN

\$1.3TN

#### Digital Advertising Market

Global	\$521BN	\$820BN
	COMMEDIA COCCOOLS	
U.S.	\$189BN	\$315BN

Voice ads are **10x** more effective than traditional digital ad channels <sup>(1)</sup>

Source: Management estimates, Company materials, Wall Street research, and online sources

(1) SXM media survey (January 2021)

Note: SoundHound assumes average of 1 user per device during the forecast period. Google user count estimated to grow with world population.

Facebook (Global) ARPU

# **Second Quarter 2023 Financial Highlights**

Business Momentum Continues in the Second Quarter



	Cumulative Bookings Backlog	Reported Revenue	Gross Margin	EPS	Adj. EBITDA
2Q23	\$339M	\$8.8M	<b>79</b> %	(\$0.10)	(\$9.9M)
Change (YoY)	+\$56M (+20%)	+\$2.6M (+42%)	+19PP	+\$0.09	+\$10.1M (+50%)
2Q22	\$283M	\$6.2M	60%	(\$0.19)	(\$20.0M)

# **Full Year 2023 Outlook Reiterated**

Strong First Half of 2023

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#### \$339 Million

Cumulative Bookings Backlog As of June 30

# Revenue Up 48% YoY

Six Months Ended Reported Revenue

## **Gross Margin of 75%**

Six Months Ended Gross Margin Improves by 1,600 Basis Points YoY

## Total Cash of \$130 Million

Significantly Stronger Cash Position

#### **Cash Flow Improves 28% YoY**

Six Months Ended Net Cash Used in Operating Activities

# Rapid Innovation for Voice AI Offerings

Smart Ordering, Smart Answering, Dynamic Interaction, SoundHound Chat Al



# Focus on Efficiently Scaling the Business With Strong Growth



#### **Full Year Condensed Historical Financials**

(thousands)	2020 2021		2022		
Revenue	\$	13,017	\$ 21,197	\$	31,129
Cost of revenues	\$	5,863	\$ 6,585	\$	9,599
Sales & marketing	\$	4,739	\$ 4,240	\$	20,367
Research & development	\$	54,279	\$ 59,178	\$	76,392
General & administrative	\$	14,140	\$ 16,521	\$	30,178
Operating expenses	\$	79,021	\$ 86,524	\$	136,536
Operating loss	\$	(66,004)	\$ (65,327)	\$	(105,407)
Net loss	\$	(74,407)	\$ (79,540)	\$	(115,373)
Gross margin		55%	69%		69%
Adjusted EBITDA*	\$	(54,070)	\$ (53,503)	\$	(72,578)
Operating cash flow	\$	(46,304)	\$ (66,177)	\$	(94,019)

#### **Rapid Innovation-Strategic GTM-Efficient Operations**

#### **Product Development**

Rapidly innovating to scale new products and enhance existing capabilities

#### **Sales and Marketing**

 Global sales and marketing team with strategic focus on customer acquisition, scale and recurring revenue streams

#### **Operations**

 Building efficiency with finance, legal and operating professionals to support rapid growth

#### **Mid-Term Financial Targets**

- ✓ Continued strong revenue growth ('20 '22 CAGR: +55%)
- ✓ Sustained annual gross margin of 70%+
- ✓ Driving towards adjusted EBITDA positive

<sup>\*</sup>Refer to page 36 for GAAP net loss to non-GAAP adjusted EBITDA reconciliation

**Investor Presentation - August 2023** 



# SoundHound Al

Conversational Al That's More Human™



# **APPENDIX**

# Technology Leaders Disrupted Markets and Expanded Upon Them





- Disrupted desktop computing
- Operating system
- Business value for Product
   Creators



- · Disrupted mobile
- · Monetization platform
- Business value for Developers

#### Google

- · Disrupted Internet search
- Keyword bidding
- Business value for Advertisers

#### amazon

- Disrupted commerce
- E-commerce optimized for Customers
- Business value for Merchants

#### SoundHound

Positioned to be the leader in Human-Computer interaction and the next generation of search monetization

#### Disrupting Human-Computer Interfaces

- Billions of products with voice Al Conversational interactions
- Reactive and proactive engagement
- ✓ 260+ patents with 40+ patents in conversational monetization
- Business value for Product Creators, Advertisers, Developers, and Merchants
- Proven adoption with 2.8 billion annual query traffic

# **Growing Void and Demand for an Independent Voice AI Platform**

#### The Success of Independent Disruptors

- Focused resources
- Fueled by AI democratization of computing platforms
- Beating the legacy giants

#### Voice AI from Big Tech

- Conflict of interest
- Hidden agenda
- Learn and compete
- Product takeover
- Loss of brand autonomy and data

#### **Voice Licensing Legacy Players**

- Dated technology
- Outdated expensive business model
- Rigid contracts
- Low attachment to product success
- 4/12/2021: Microsoft acquisition of Nuance for \$19.7B

#### **SoundHound Opportunity**

- Disruptive technology
- Custom voice assistants
- Proprietary domains and services
- Control of customer data
- Defined privacy policies
- ✓ No conflict of interest
- Innovation and monetization opportunities



# **Extensive Selection of Voice AI Content and Services**

Available as white label with full redistribution rights



#### **Select Content Domain Partners**

Uber FLIGHTSTATS TinBu\*

**WiHeart** audlobooks BigOve

expedia group



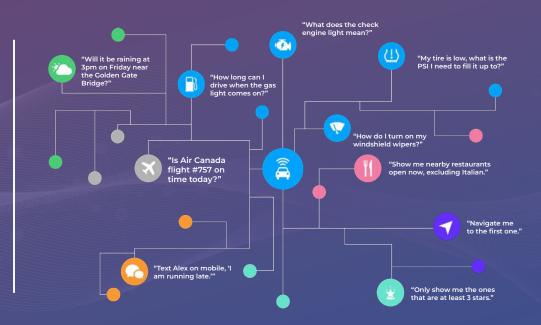
sportradar Parkopedia eventseeker

**CustomWeather** 

AccuWeather

xignite

#### SoundHound Responds With the Best Content Domain



# A Range of Connectivity Options for Your Needs

Our Edge+Cloud<sup>™</sup> Connectivity Solutions allow brands to optimize their voice-enabled products and devices with options ranging from fully-embedded to exclusively cloud-connected.





# Edge+Cloud

The capabilities of *Edge* with the flexibility of cloud connectivity. Deliver the level of cloud connectivity that best matches your product and users.



#### Cloud-Only

Equip your voice assistant with real-time data and information from the cloud, deliver the most relevant responses to user queries with no restrictions of your device CPU and memory capabilities, and retain ownership of your customer relationships and access to data and analytics.



## Edge

Fully-embedded voice AI solution with as much Natural Language Understand (NLU) capabilities as necessary for your purposes and to meet customer desires for hands-free convenience. Includes full accessibility to custom commands and the ability to create custom domains for proprietary on-device functionality.



### EdgeLite+Cloud

The capabilities of *EdgeLite* with the flexibility to use the cloud to retrieve information or push product updates.



# EdgeLite

Process data locally without the privacy or connectivity concerns of the Internet with our fully-embedded voice solution. Developers have access to natural language commands with less CPU impact, a bundled wake word, and the ability to instantly update commands.

# In-car sentence accuracy

In different conditions. Test performed by Houndify automotive customer



(%)	0 km/h	60 km/h	105 km/h	120 km/h
Large Tech Company	89%	81%	58%	33%
SoundHound	95%	90%	<b>78</b> %	66%

# Reconciliation of GAAP Net Loss to Non-GAAP Adjusted EBITDA



To supplement our financial statements, which are presented on the basis of U.S. generally accepted accounting principles (GAAP), the following non-GAAP measure of financial performance is included in this release: adjusted EBITDA. We define Adjusted EBITDA as our GAAP net loss excluding (i) interest and other expense, net, (ii) depreciation and amortization expense, (iii) income taxes, (iv) stock-based compensation, and (v) restructuring expense.

A reconciliation of GAAP to this adjusted non-GAAP financial measure is included below. When analyzing the Company's operating results, investors should not consider non-GAAP measures as substitutes for the comparable financial measures prepared in accordance with GAAP.

#### **Adjusted EBITDA**

(thousands)	2020	2021	2022	Q2 2022	Q2 2023
Net loss	\$ (74,407)	\$ (79,540)	\$ (115,373)	\$ (30,668)	\$ (21,932)
Interest and other expense, net	\$ 7,665	\$ 13,757	\$ 7,077	\$ 1.349	\$ 5,079
Income taxes	\$ 738	\$ 456	\$ 2,889	\$ 389	\$ 417
Depreciation and amortization	\$ 6,037	\$ 5,502	\$ 4,037	\$ 1,052	\$ 703
Stock-based compensation	\$ 5,897	\$ 6,322	\$ 28,792	\$ 7,863	\$ 5,641
Restructuring expense	\$ -	\$ -	\$ -	\$ -	\$ 166
Adjusted EBITDA (non-GAAP)	\$ (54,070)	\$ (53,503)	\$ (72,578)	\$ (20,015)	\$ (9,926)