

viit health

Intelligent Vision for your Health

High blood sugar levels have caused a diabetes pandemic and the surge of other severe illnesses



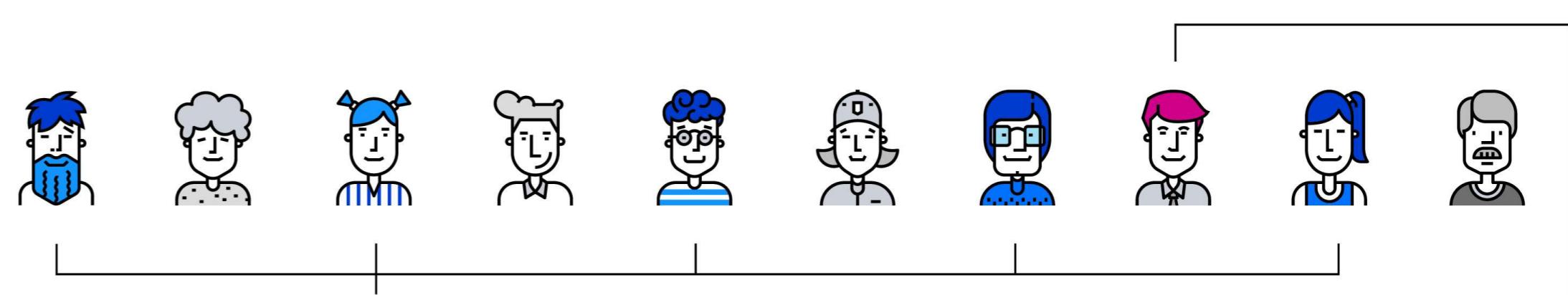
537

Million Diabetics¹

643 million projected in 2030
783 million projected in 2045

\$966 billion

Estimated total diabetes related health expenditure in 2021, showing a 316% increase in 15 years¹



1 in 2

Have glucose related issues

Have glucose related problems and don't know about it - half the world's population²

1 per 4

Undiagnosed diabetics

There is at least 1 undiagnosed diabetic for every 4 diabetics³

every 5 seconds

There is a diabetes related death world wide - that's 6.7 million deaths per year¹

High blood sugar leads to⁴

Alzheimers

Cancer

Cardiovascular Diseases

Lack of painless and affordable blood glucose measurement tools lead to a diabetic increase

Problem

6 of 10¹

Diabetics don't follow the correct treatment due to pain associated to glucose measurement



Puncture Glucometer Glucose Monitor (CGM) Biochemistry Testing

Pain	High	Low	High
Glucose	Capillary	Interstitial Fluid	Central Veins
Time	Instantaneous	Instantaneous & Constant	15 minutes
Cost²	\$1,400 year	\$4,200 year	\$60 per test
Accuracy^{3,4}	80 - 85%	80 - 83%	95%



Non-Invasive device to simply and affordably detect blood glucose with increased accuracy



Aimed towards cross vertical impact, this technology could significantly improve general population wellness, diabetes prevention and eventually diabetes management.

- Wellness** - Healthier lifestyles
- 1** • through simple measurement and accurate biochemical data.
- Prevention** - Preventive traffic light device for organized public and private T2 diabetes prevention campaigns.
- Medical** - Individual and clinical
- 3** • use for Pre-diabetes and Diabetes (T1 & T2) monitoring.

	Market	TAM	Current Management
Wellness	\$1.5 T ¹	+3 B ppl ¹	CGMs (<1%)
Undiagnosed	↑ 240 M ppl ³	Lab Test	
Pre-diabetics	541 M ppl ³	Puncture & CGM (13.7 - 5.3%)	
T1 Diabetics	\$29 B	53 M ppl ³	Puncture & CGM (67.5 - 27.5%)
T2 Diabetics	↓ 484 M ppl ³	484 M ppl ³	Puncture & CGM (67.5 - 27.5%)
Health Clinics	\$966 B ³	+500K	Lab Test & Puncture
Governments	↓ +50K dept	+50K dept	Puncture

Product

Bioviit

(V.3.0 - 2023)

Wellness device that measures biomarkers with light aided by a mobile app that provides relevant health recommendations.

Glucose

+ Oxygen

+ Pulse

No more pain

More accuracy (+13% than puncture & CGM)

Lower cost (80% less than puncture & CGM)

No consumables

Characteristics

- Near Infrared Spectroscopy (Infrared light used to identify biochemical compounds through overtone).
- Computer Vision (Mathematical image transformations and Artificial Intelligence for image processing).
- Web/App based management platform with API (Reading results & history, health recommendations, wearable integration).



History, Calibration & Validation

2017 - 2023

13 Clinical Trials

+3,200 Patients Tested

+1,300 People Calibration

93% Accuracy (+13% than puncture/CGM)

CONACYT Project (2017)

CONACYT Protocols (2017 - 2019)

CENAM Protocol (2020)

SECTEI Protocols (2021 - 2023)

Timeline

Research for Glucose detection using NIR

v.1.0



v.1.1



v.2.0



v.3.0



Insulin
Cholesterol
Triglycerides

“This technology has shown high reliability when compared to puncture glucometer results. This endeavor is of great importance to Mexico City’s Secretary of Health”

Dra. Lilia Elena Monroy
Director Medical Research
Mexico City’s Secretary of Health

Supported By:



Mexican Council of
Science & Technology



Mexican Institute of Medical
Sciences & Nutrition



Mexican Social
Security Institute



Mexico City's Secretary of
Science & Technology



Mexican Metrology Center



Vision and Goals

**Provide painless and affordable testing technology
to empower a healthier world**

Goals

1. Wellness device that measures biomarkers for health empowerment (global).
2. Become a registered and approved biomedical device for glucose measurement worldwide.
3. Improve the life of diabetic patients and decrease the rise of type 2 diabetes (which is developed through unhealthy lifestyles).
4. Create technology that can also accurately track insulin and other biochemical analytes with the same device, such as cholesterol and triglycerides (fats).
5. Expand our vision technology into disease detection.

Team

2020 - 2023

15+ Employees, 100% committed

Mexico City, MX / Ensenada, MX / Tempe, AZ



Fernando Gomez
CEO

Entrepreneur & Social Activist
9 built startups - 2 exits
Speaker UN General Assembly
Santander X Global Winner



Gerardo Rioseco
CBO

Entrepreneur & Biz Dev
9 built startups - 2 exits
National Entrepreneurship Award
Specialized Finance IEB



José Cruz y Celis
CTO

Entrepreneur & AI Engineer
2 built startups - 1 exit
B. Sc Sustainable Dev Engineering
M Sc. Computer Science



Dr. Lorena de la Maza
CMO

Entrepreneur & Microbiologist
5 built startups - 1 exit
B. Medical Sciences UNAM
M. Microbiology Massachusetts General



Luis Gómez Sánchez
Business Development

Entrepreneur & Corporate Lawyer
5 built startups - 1 exit
JD & AMP Harvard Business School
Citibank, Daimler, Walmart, AT&T, etc.

Ph.D. Josue Alvarez Borrego
Computer Vision

Ph.D. Esbanyely Garza
Electronic Engineer

M.Sc. Esperanza Guerra
Computer Science

M.Sc. Luis Manuel Martinez
Bionic Engineer

Ph.D. Luis Adan Jimenez
Biophotonics

Rodrigo Cabrera
Physical Engineer

Rodrigo Sotero
Computer Science

Ady Sanchez
Computer System Manager

Dr. Miguel Cruz
Cellular Biology

Dr. Antonio Garcia
Chemical Engineer

Strategic Partners

SOFTEQ

Hardware
+500 Engineers
USA/MX/EU - Inc 5000 list


atomic32

Software
+250 Engineers
USA/MX - Baxter, Sespec, LiveLong


lasotek

Biomedical & Regulation
+25 Doctors & Engineers
USA - IasoLab, ASU

MATERIAM

Manufacturing
+200 Employees, +25 years
MX - +500 clients

HAMAMATSU

Photonic Components
+5,400 Engineers, +1.6B sales
+100 countries, +15,000 products

B2C & Subscription

Our business model will contemplate both a B2C and a Subscription structure mainly for wellness use.



B2C
Direct Purchase

\$350
USD

1

Initial Production Cost: \$220 USD
Average Margin over time: 60%

Prevention
Government, NGOs

\$500
USD / month

Expected LTV: \$12,000 USD
Expected CAC: \$500 USD

Wellness
Nutrition and Fitness

\$20
USD / month

Expected LTV: \$1,456 USD
Expected CAC: \$83 USD



2

Go to Market

Prevention

Subscriptions

B2C

Value Proposition

80% More affordable (Puncture & CGM)

13% More accurate (Puncture & CGM)

No Pain

3 Parameters
Glucose, Oxygen & Pulse

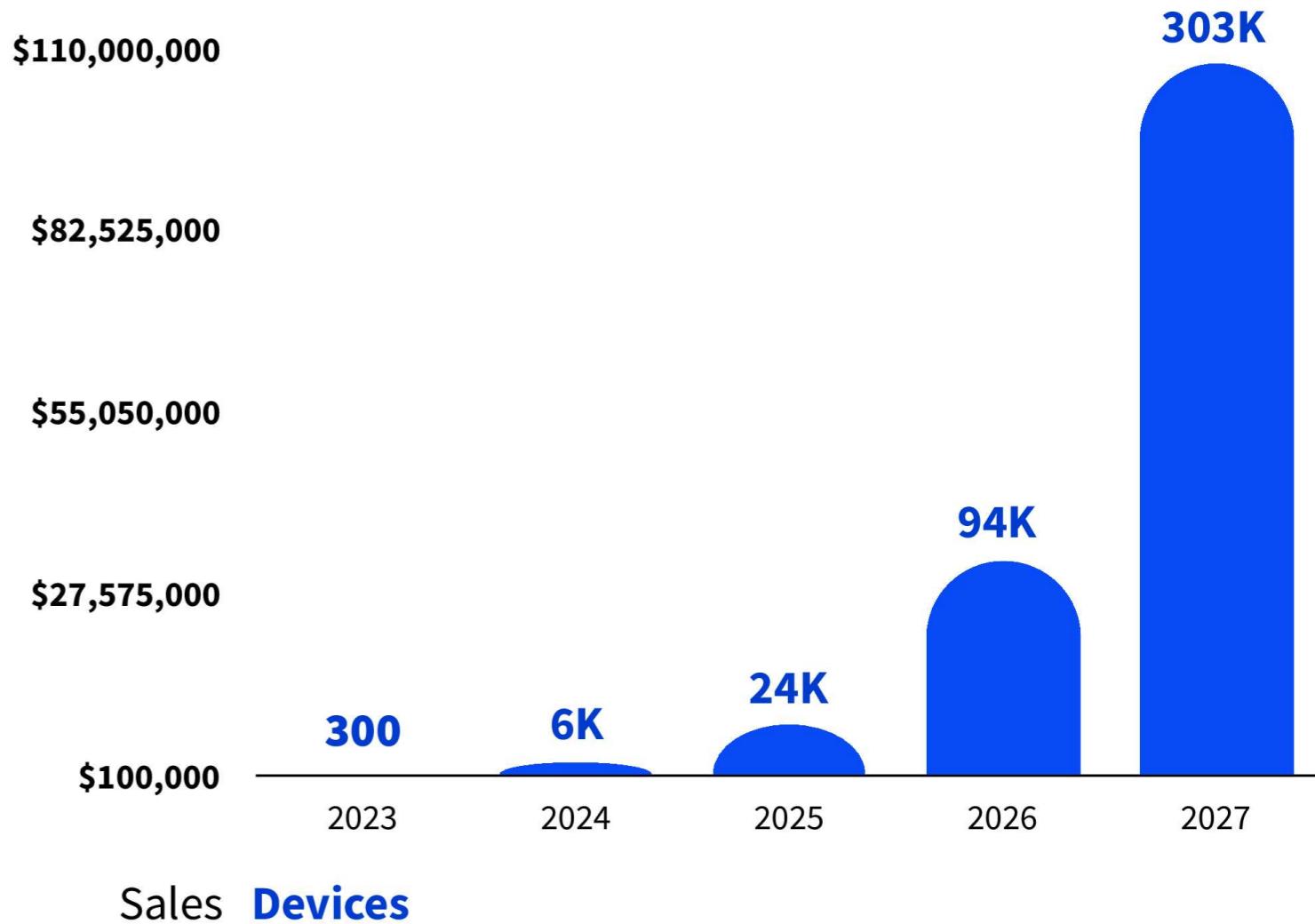
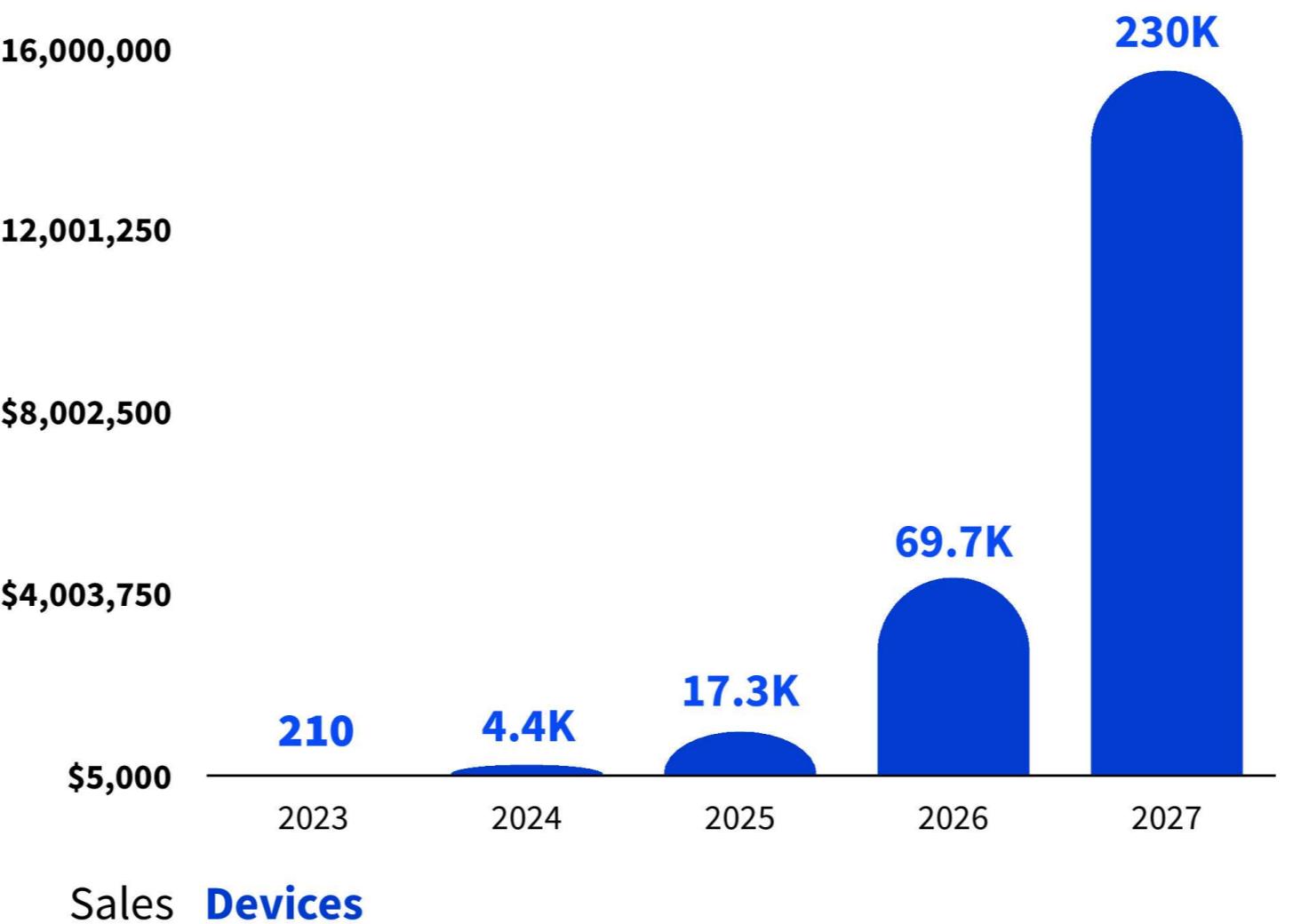
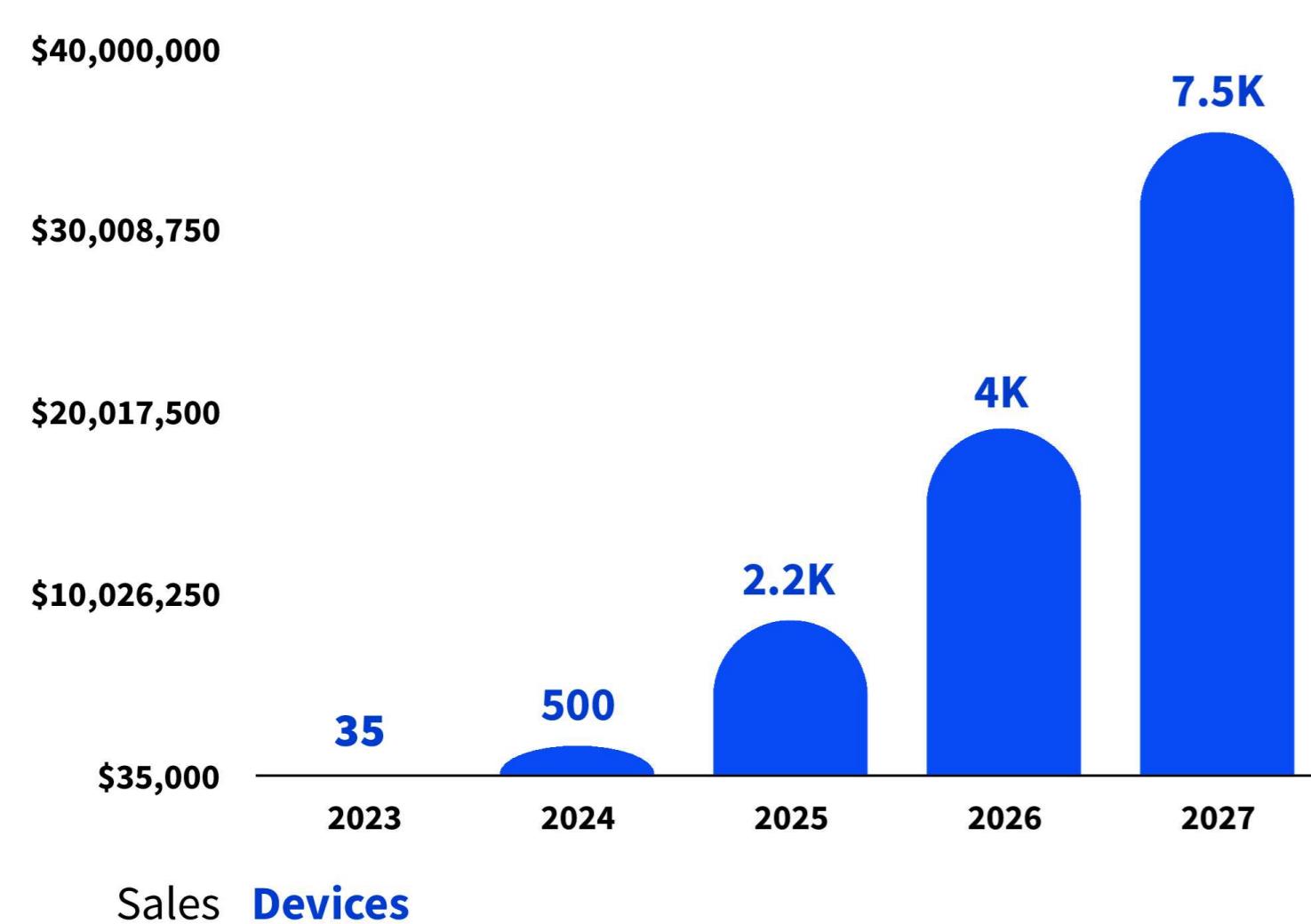
4 Wellness Verticals
Nutrition, Fitness, Energy & Focus

Strategy

Activate campaign with government institutions
Advanced negotiations with Mexico City & IMSS

Social Media campaigns. Fitness & Wellness communities
Wellness influencers MX/US. Fitness communities MX

Massive E-Commerce reach. Healthcare POS in USA/MX
Connection to Walmart Pharmacies & Mexican distribution



Projections

* forward looking projections are not guaranteed

- Revenue
- Production Cost
- Operative Cost



2027 - Devices: 310K / .05% TAM / Profit: \$108M

Roadmap & Strategy

Relevant Milestones

Product

Q1



V.3.0

By February 2023, we will have completed the first iteration of our initial commercial device, which will be ready for production by April, and will be able to measure glucose, oxygen and pulse using a proprietary evaluation software.

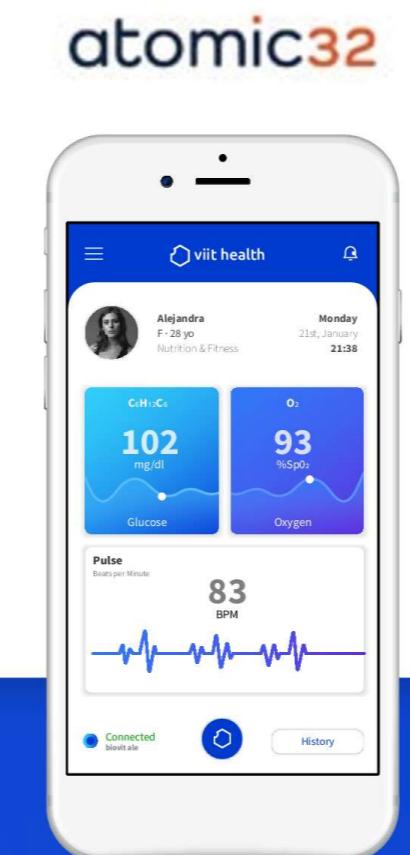
Q2



Final Calibration

Once we complete the first V.3.0 units, we will undertake a new Calibration Protocol in the Mexican Nutrition Institute and the General Hospital of Mexico, expected to last 3 months. This will allow us to gather sufficient data for commercial use.

Q3



Wellness App

By July 2023, we will complete the MVP of our Wellness App, which will allow our customers to use our devices, and improve their metabolic health.

Q4



2023

Business

Q1



Seed Round

We expect to complete our Seed Round raise by March 2023 at the latest, which will allow us to complete our initial commercial products, start production and begin commercial operations in Mexico and the US.

Q2



Prevention Campaign

During the second quarter of 2023, we must complete all negotiations and logistical preparations that will allow us to carry out a massive prevention campaign with the Mexican Social Security Institute and Mexico City's Government.

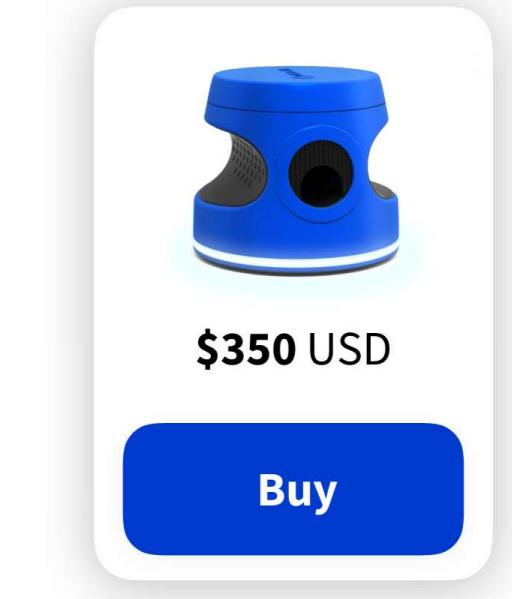
Q3



Install Production

We will work with Materiam, lasotek and Arroba Ingeniería to activate a production line for our devices.

Q4

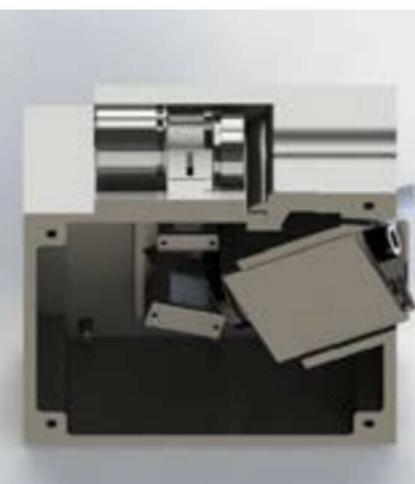
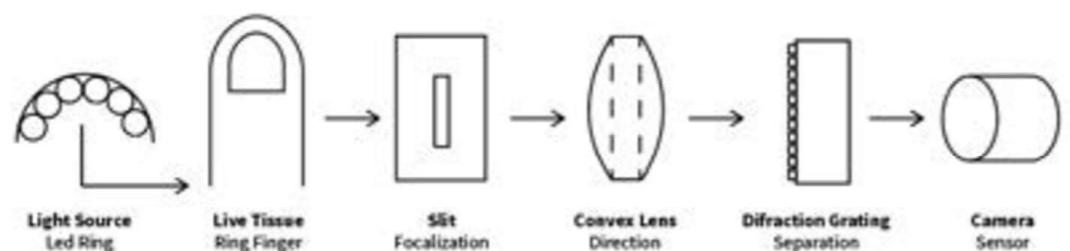


2023



Completed in 2017

a) Trade Secret



Provider: Baker & Mackenzie

Date: 2017

Extension: Software & Hardware

Hardware

Spectroscope &
Optical Technique

Software

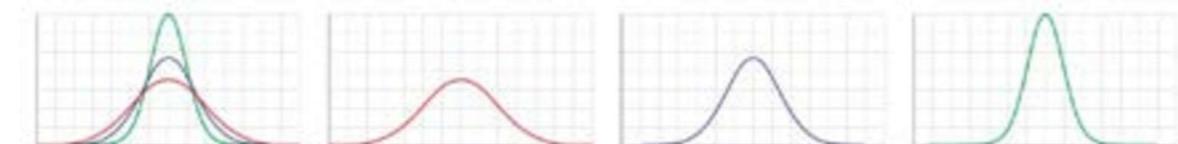
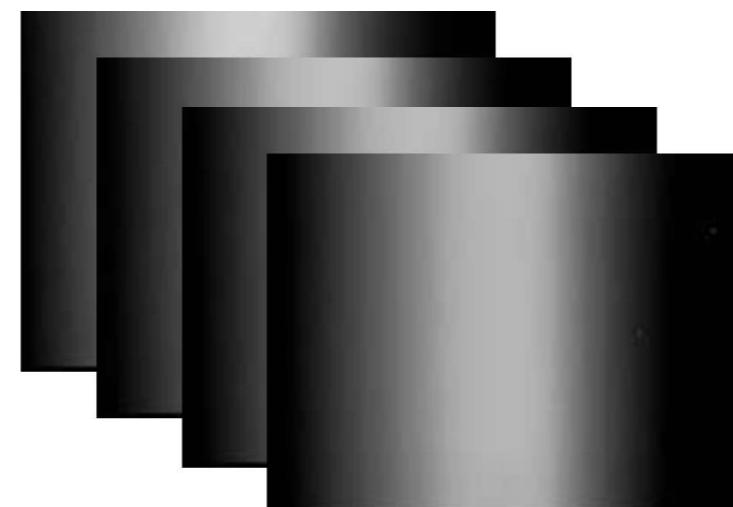
Computer Vision
Algorithms

Selected protection strategy through
technology development phase.



Built & improved for 6 years

b) Proprietary Data Set



Location: Physical & Cloud Server

Date: 2017 - 2022

Extension: +1M NIR Glucose IMG

Wavelength

600 - 1100 nm

Variations

Graphics, vectors &
Math transformations

Strongest protection element specific
to our hardware & software sensitivity.



In progress

c) Patent Application



Provider: IP Excel & Gonzalez Calv.

Date: March 2023 (expected 2025)

Extension: Software & Hardware

Detection

Spectroscopic
Technique

Prediction

Math Transformations
ML Algorithms

Strategic for legal protection. To be filed
upon completing our Seed Round.

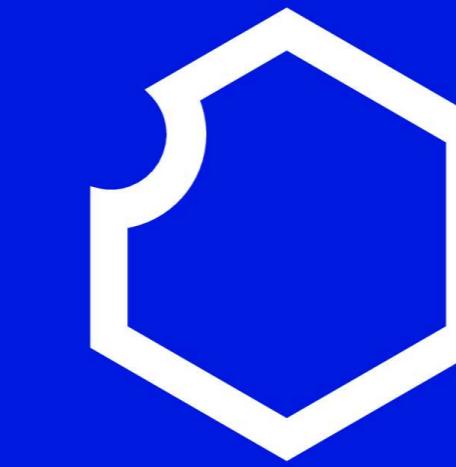
Competitive Landscape

Glucose monitoring & Glucose Wellness

"Non invasive glucose detection is extremely difficult. It will take hundreds if not billions of dollars to complete"

Terrence Gregg, DexCom

	Universality Multiple use	Affordability vs Puncture/CGM	Accuracy & Simplicity	Regulation Progress	Diversification Other Molecules	Pain Invasive
 viit health 2017 - \$5.5 M funding	Transmittance NIR Spectroscopy. Image Processing. Machine Learning. Device. <i>Works for everyone and is cheap.</i>	5	5	5	4	5
 cnoga Digital Care 2004 - \$60 M funding	Reflective NIR Spectroscopy. Image Processing. Individual Calibration. Wearable. <i>Individual use.</i>	3	4	5	4	3
 DIAMONTECH 2015 - \$20 M funding	Reflective NIR Spectroscopy. Image Processing. Machine Learning. Device. <i>No diversification & not cheap.</i>	5	3	5	4	2
 Graphwear 2015 - \$25 M funding	Nanotechnology. Molecule Attraction. Graphene base. Wearable. <i>Individual use & not cheap.</i>	2	3	5	4	3
 Alertgy 2016 - \$1.2 M funding	Dielectric Spectroscopy. Radio Frequency. Machine Learning. Wearable. <i>Individual use & no diversification</i>	2	3	4	4	2
 LEVELS 2019 - \$57 M funding	CGM for Metabolic health tracking. <i>Invasive & not cheap</i>	2	2	4	5	2
 SUPERSAPIENS 2020 - \$13.5 M funding	CGM for Fitness health tracking. <i>Invasive & not cheap</i>	2	2	4	5	2



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Thank You