

EYE-NET

MOBILE

PROTECTING PEOPLE



www.EyeNet-Mobile.com

7 Golda Meir St. Weizmann Science Park, Ness Ziona, Israel

ABOUT EYE-NET MOBILE

- ❖ A technology product company, engaged in development of a revolutionary **V2X solution**.
- ❖ The core development had been for more than **3 years and a half**.
- ❖ **20 employees** - 12 Payroll + 8 Outsourcing / Services
- ❖ **Product readiness** for commercial integration
- ❖ **Patent** – “System & method for preventing accidents & collisions (vehicles & pedestrians)”
- ❖ Up to date investments ~ \$4.7M (Foresight Automotive)
- ❖ Currently under “Series A Financing Round” - \$5M



THE PROBLEM

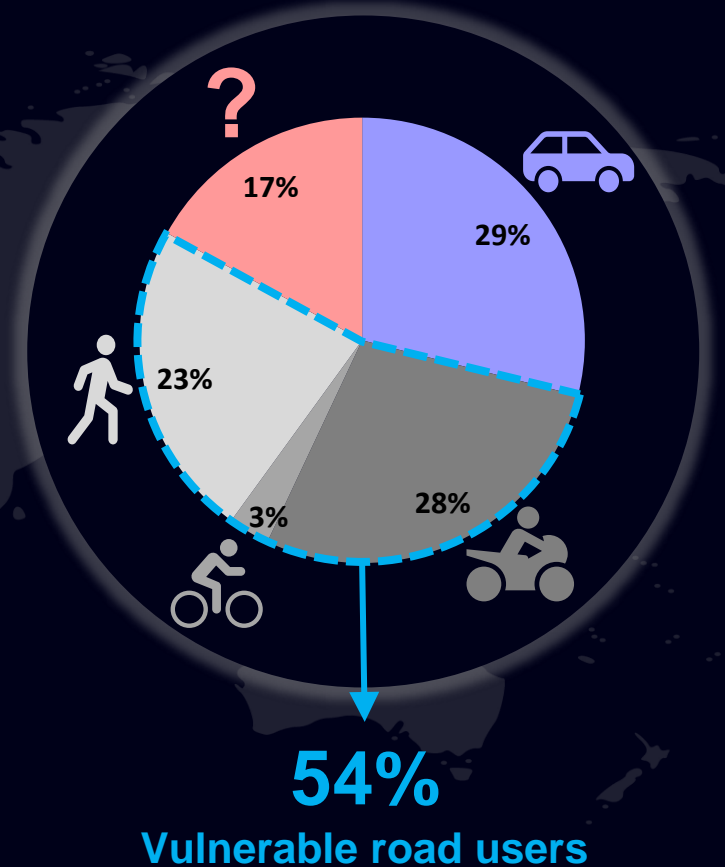
What we are aiming to solve



DISTRIBUTION OF DEATH BY ROAD USER TYPE

World Health Organization , 2018

1. Increase usage in **smartphones**
2. **Micro mobility** usage in the urban environment



DISTRIBUTION OF DEATH BY ROAD USER TYPE

World Health Organization , 2018

Pedestrian
fatalities

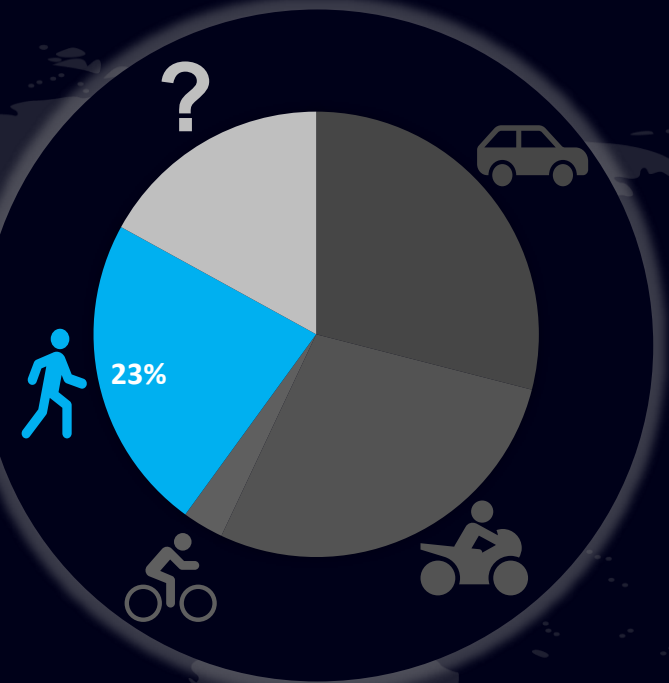
78 sec.

Invisible to
drivers

40%

Annual costs

\$518B



THE SOLUTIONS

Eye-Net offering



THE PRODUCTS



Protect

Real-time pre-collision alerts to **vulnerable road users and vehicles** by using smartphones.

- 3rd party applications
- Mobile carriers embedded
- Car manufactures
- Infotainment systems

Offering
Mobile SDK
Revenue stream
Free

Availability
AVAILABLE !



Analyze

Real-time alerts and notifications, enhanced map information and automatic e-call service

- Automotive OEMs
- Leasing & rental companies
- Infotainment systems

Offering
Standalone app.
Revenue stream
License

Availability
Q4-2020



Predict

Safety trends and actionable insights based on state-of-the-art artificial intelligence system

- City planners
- Statutory authorities
- Auto tech developers
- Mapping companies
- Research groups

Offering

- Data as service
- Dashboard

Revenue stream
License / Per API

Availability
Q2-2021

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HOW IT WORKS



1

Each of the installed mobile devices is aware of its location and constantly transmits it to Eye-Net™ servers



HOW IT WORKS



2

The Eye-Net™ servers send the location of other devices in the vicinity to each device, effectively making each device aware of the road users around it

HOW IT WORKS



3

The Eye-Net™ application constantly searches for potential collisions

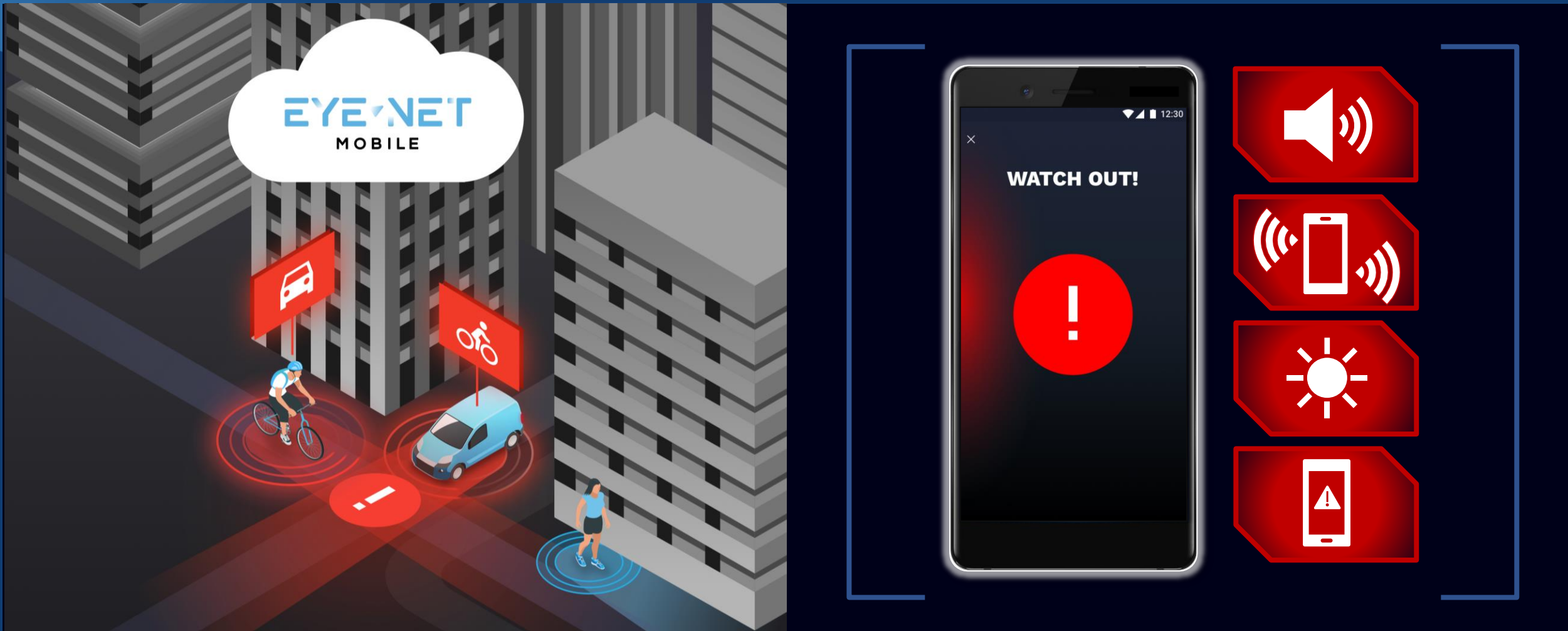
HOW IT WORKS



4

Once an oncoming collision is detected, immediate visual and audio alerts are sent out to all users involved

HOW IT WORKS



UNIQUE CHARACTERISTICS



MOST ROAD USERS

Protects most road users
(vulnerable & drivers)



NON-LINE OF SIGHT

Foresee oncoming side
aspect collisions



HARSH WEATHER

Works under all weather and
lighting conditions



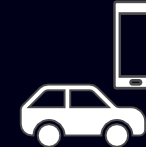
ACCURATE

Exceptionally accurate
design with near zero FA



GDPR COMPLIANT

Anonymous service.
Requires no registration



iOS & ANDROID

Runs as a background
process on iOS & Android



CELLULAR V2X

Relies on existing cellular
infrastructures



2nd LEVEL NOTIFICATION

Smart notification about braking
vehicle ahead



E-CALL

Automatic e-call service



INFORMATIVE NOTIFICATIONS

Real-time notifications about cyclists /
riders ahead

PRODUCT VALIDATION PROCESS

- ❖ Extensive manual \ field QA
- ❖ Automation and simulators
- ❖ Dozens of successful demos
 - ✓ Municipalities, Automotive OEMs, Telco. & 3rd party companies, Police Command and NTSA
- ❖ “Multi-Participants trial” (120 participants)
 - ✓ Real-life scenarios and controlled environment tests.
- ❖ “Smart infrastructures integration trial”
 - ✓ V2V, V2P & V2I scenarios with the participation of a local municipality
- ❖ “Smart transportation trial”
 - ✓ V2V & V2P scenarios after integration with a CSP and the participation of a local municipality
- ❖ “Large Scale Trial” (Over 8,500 users | Countrywide)
 - ✓ E2E solution validation which proved the product efficiency and commercial deployment readiness

24 - 29 JULY 2019 – FORMAL TRIAL PERIOD

Users

- 8,551 Participants
- 3,431 Active during single day (peak use)

Accumulated usage (users under movement)

- Over 754,000 Km
- Over 35,000 Hr (in movement)
- Over 68GB of data had been collected.
- Over 34.5 million data points (GPS coordination)

Product KPIs

- Average battery consumption <1% per hour
- Data consumption < 1.9 MB/Hr (for objects in movement)
- 100% up time (available service)
- Median latency = 134 [ms]
- GPS points qualified for collisions prevention > 50.4% (i.e. minimal accuracy of 6 meters)
- Over 2,600 correlation points (intersections where 2 objects arrived in risky characteristics).
- 5 system alerts

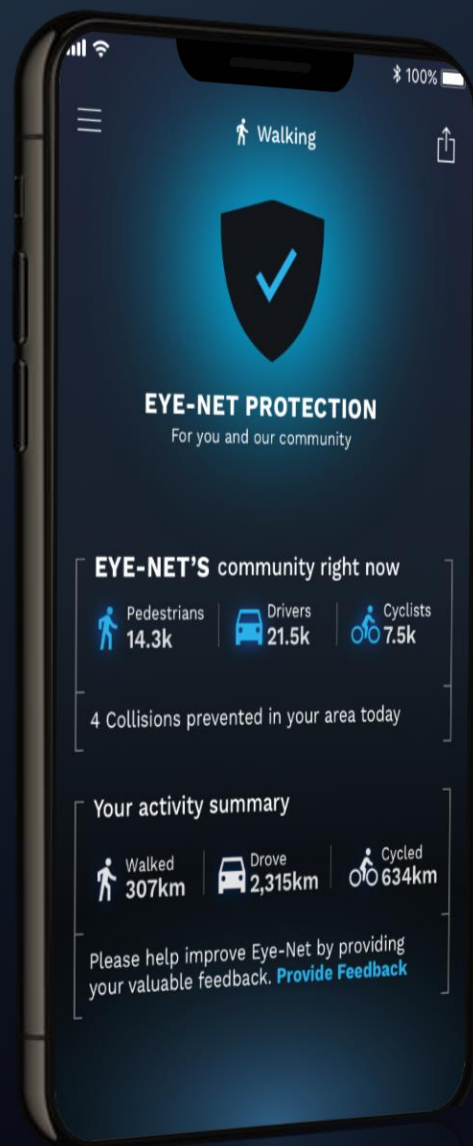
SUMMARY

In a nutshell



SUMMARY

- ❖ Eye-Net is a global solution that **answers a real need**
 - ✓ Smart
 - ✓ Simple
 - ✓ Save lives
 - ✓ Save money
 - ✓ Short penetration cycle
- ❖ **First to the market**, patent pending technology
- ❖ **FULL** (tried and tested) multi-platform **V2X solution**
- ❖ **Available** for commercial integration
- ❖ The company is on the verge of challenging period
 - ✓ Collaborations with cellular network providers , automotive OEMs and 3rd party applications
 - ✓ Worldwide expansion



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THE FUTURE OF CELLULAR V2X