



Sobereye

October 2021



A Safe Journey of a Driver

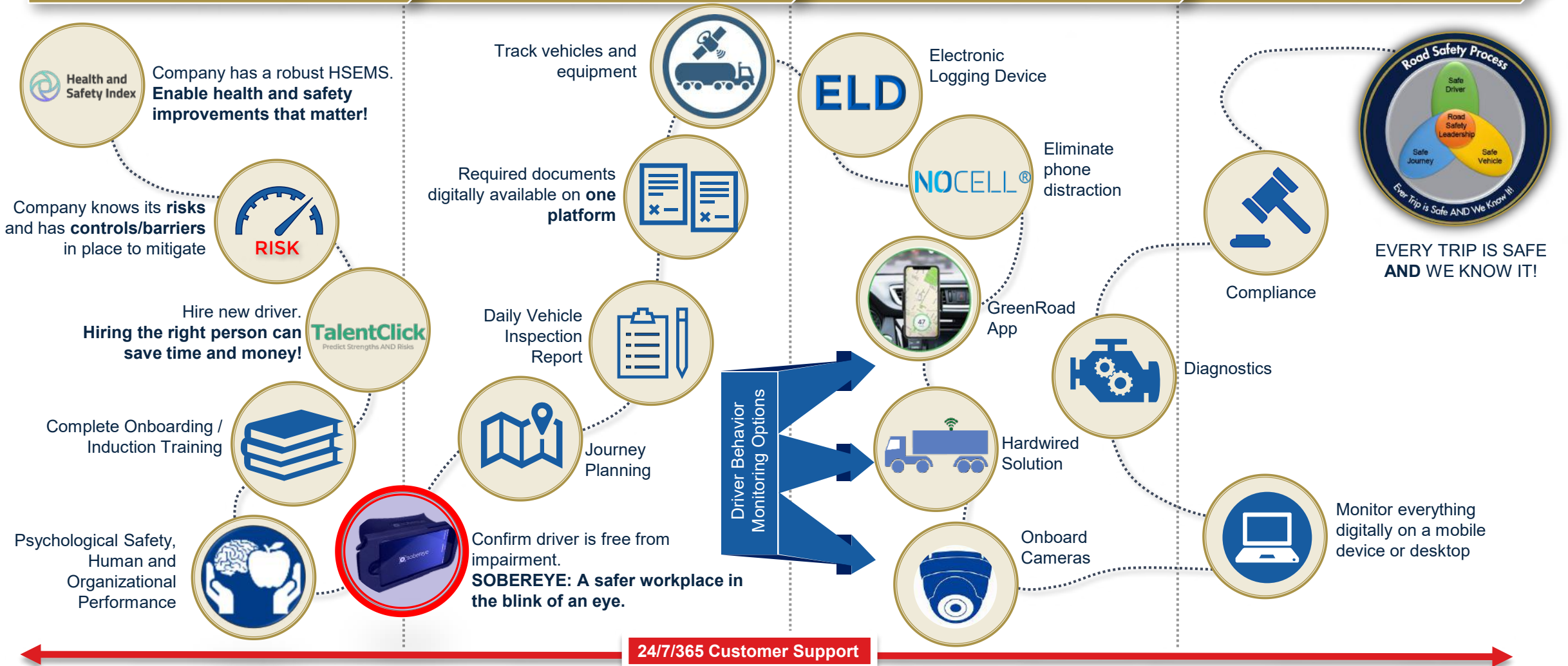
PI-NEER
SAFETY SOLUTIONS

Pre-Driving

Pre-Trip

On the Road

Post-Trip





A safer workplace
In the blink of an eye



PURPOSE



Saves lives!

Get your employees safely back to their family after a hard-working day



PROBLEM

ACCIDENTS

Around 90% of accident reports indicate human error as a contributing cause

Human error is not a cause, it is a consequence.

Impairment due to fatigue, alcohol, drugs and medications is a major contributor to the "human error" factor in accidents



US 2019 work-related deaths and injuries costs:

- Medically consulted injury - \$42,000
- Death - \$1,220,000

Source: National Safety Council

US 2019 work-related deaths and injuries

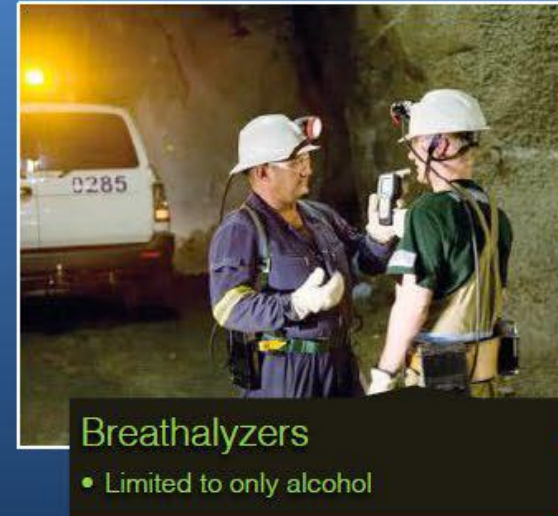
- Medically consulted injuries - 4.6 Million
- Deaths - 4,572

Source: National Safety Council



CURRENT APPROACH

Looking for causes of impairment



- Drug testing is ineffective:
- does not detect impairment
 - only test for illegal substances
 - workplace drug use is at an all time high





Detecting Impairment

SOBEREYE Detects in real time
impairment risk
from whatever is causing it

Operators check themselves



One-minute self-test

- Portable, can be used anytime and anywhere
- Identifies the person under test (Iris recognition)
- Immediate test results



CLOUD BASED DASHBOARD

Enterprise level
Fitness-for-duty solution

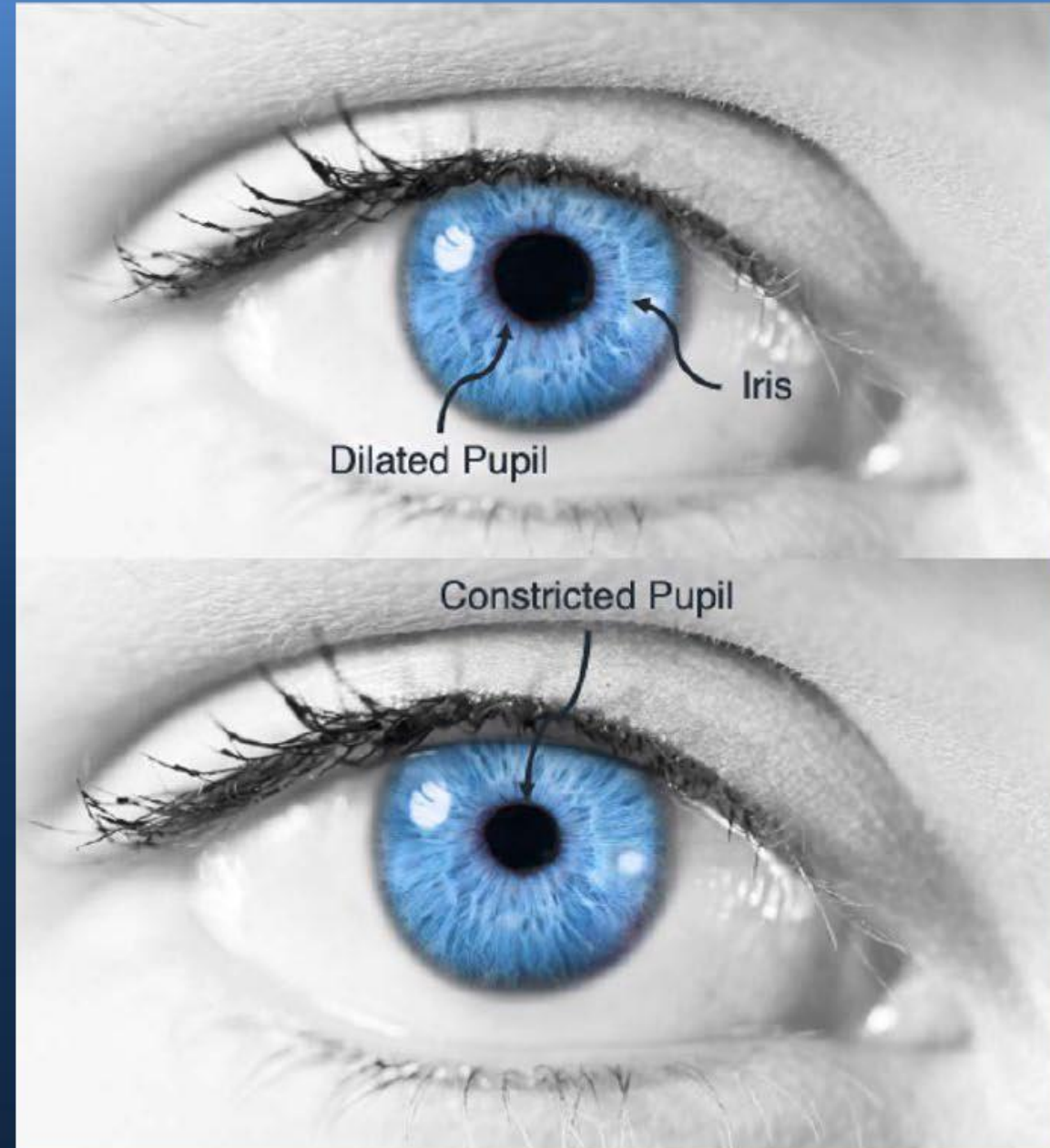
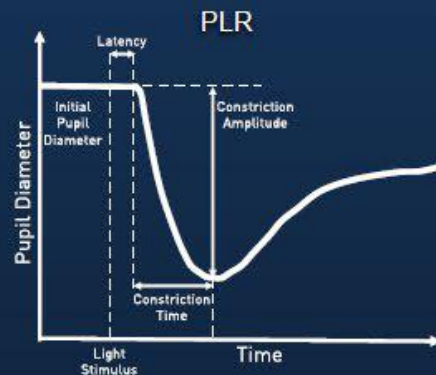
- Real time reporting
- Notifications
- Data analytics



THE SCIENCE

Pupillary Light Reflex (PLR)

- The PLR is the pupil reaction to changing light intensity
- The PLR is an involuntary reflex controlled by the Autonomic Nervous System
- SOBEREYE measure PLR alterations, from the normal response (baseline), to detect impairment risk



PLR ANALYSIS IS USED BY

DOCTORS

In critical care and other clinical settings and is used to diagnose various neurological conditions induced by injury, illness, drugs and medications



POLICE

As part of a Drug Recognition Expert (DRE) protocol to detect impaired drivers



SOBEREYE AROUND THE WORLD

Making the workplace safer for thousands of people everyday!



CASE STUDY

Customer is a Corporate Taxi Service



The service is 24/7 and the drivers start their driving shift from home

Drivers are required to test before starting their shift and are not allowed to drive if they have a High-Risk result



Reviewing data on 13 drivers over a 15 months time period (October 2018 - December 2019)



Count of Tests vs HR-Conf Rate by Quarter

● Count of Tests ● HR-Conf Rate



(NOTE: High-Risk Confirmed is the sum of:

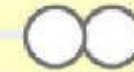
1) Single HR result, no other test is taken within 30-min

2) Multiple tests with HR result within 30-min of each other that are counted as a single HR result)

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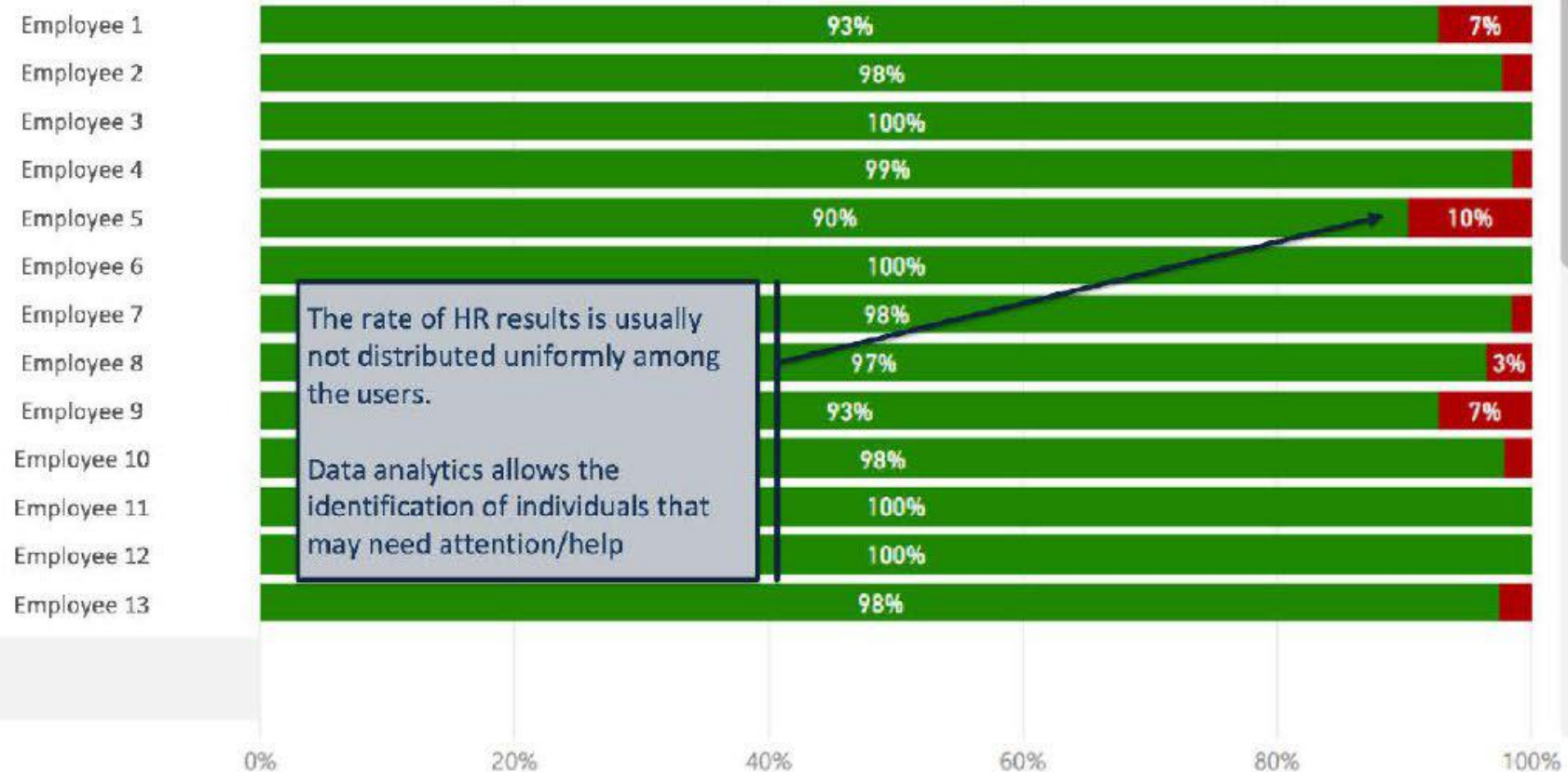
10/1/2019

12/31/2019



PERCENTAGE of High-Risk Confirmed vs Low-Risk Results by USER

● Low-Risk All ● High-Risk Confirmed



THE POWER OF IMPAIRMENT TESTING

- Promotes safer behaviors
- Accepted by the employees
- Early detection of risks



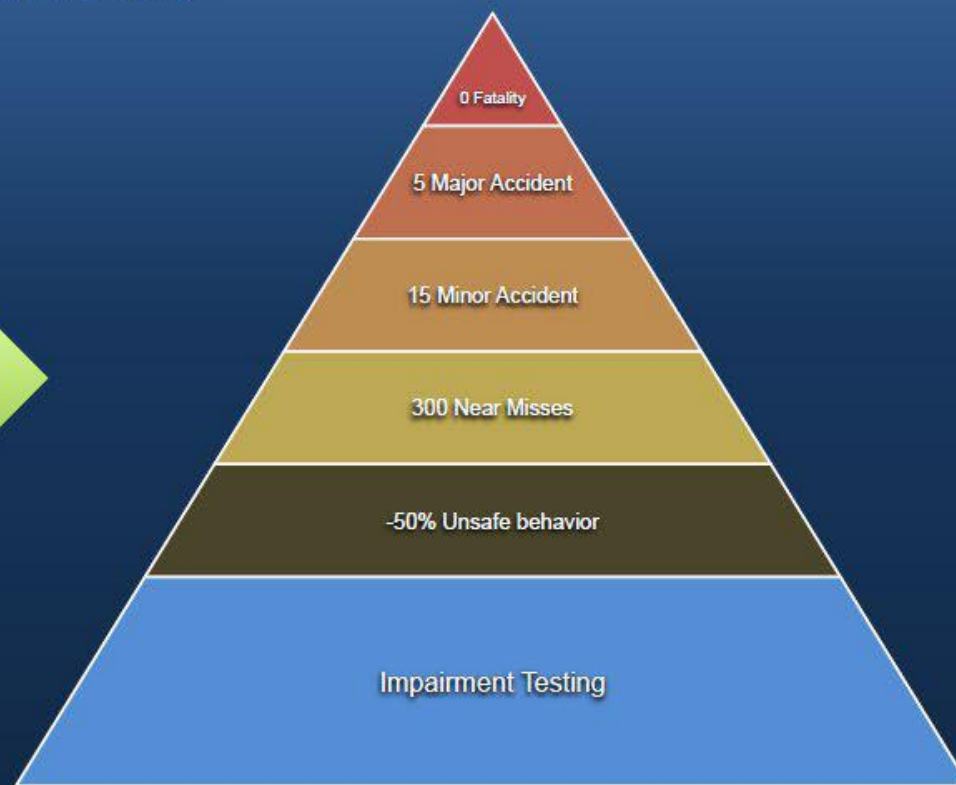
Prevents accident, saves lives, saves money





IMPAIRMENT TESTING

- Prevent accidents
- Reduce costs and disruptions
- Improve image and brand value





A safer workplace in the blink of an eye





S A F E T Y S O L U T I O N S