

The Internet of Things

A TRILLION DOLLAR MARKET

40

IoT Solutions – 2014

@ValaAfshar

The Internet of Things

The ‘Internet of Things’ will generate \$14,400,000,000 of value over the next decade¹.

There will be 40 times more devices than people on the Internet in 2020².

IDC estimates there will be approximately 212 billion things globally by the end of 2020.

Extreme Networks estimates that 5 billion people will have Internet access.

¹ read.bi/1yDOQQ3

² <http://www.idc.com/getdoc.jsp?containerId=prUS24366813>

HAPIfork

The HAPIfork is an electronic fork that helps you monitor and track your eating habits. It also alerts you with the help of indicator lights and gentle vibrations when you are eating too fast.



<http://www.hapi.com/products-hapifork.asp>

MyVessyl Cup

It can hold 13 ounces of liquid.

The battery takes 60 minutes to fully charge and will last for 5-7 days. Also has wire-free charging.



<https://www.myvessyl.com/>

Smart Tooth Brush

The Beam Brush is a connected toothbrush that engages users with their daily hygiene routine.



<http://www.beamtoothbrush.com/toothbrush/>

Smart Egg Tray

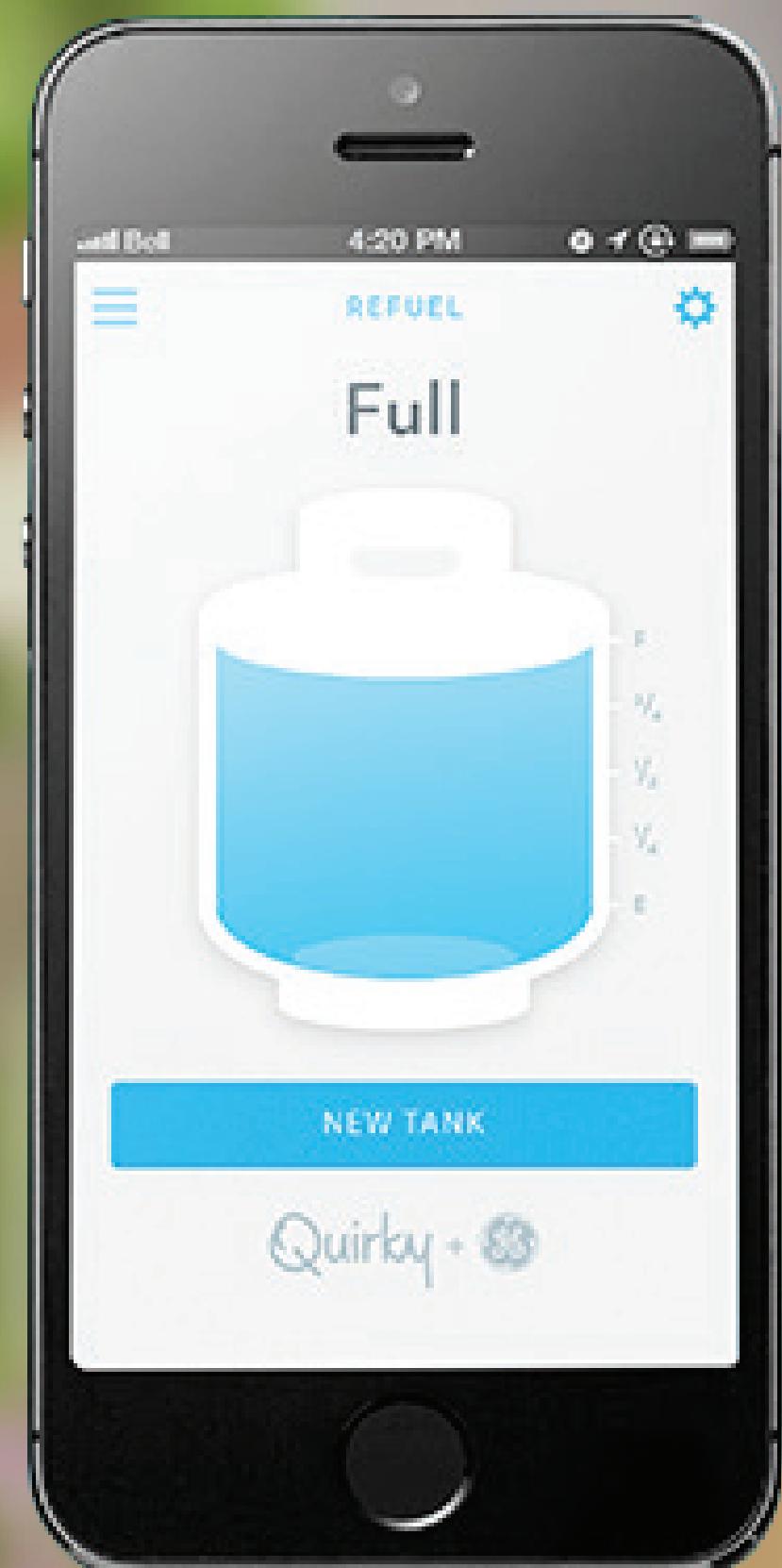
Egg Minder syncs with your smartphone to tell you how many eggs you've got at home (up to 14 eggs) and when they're going bad.



<http://www.quirky.com/shop/619>

Smart Propane Tank

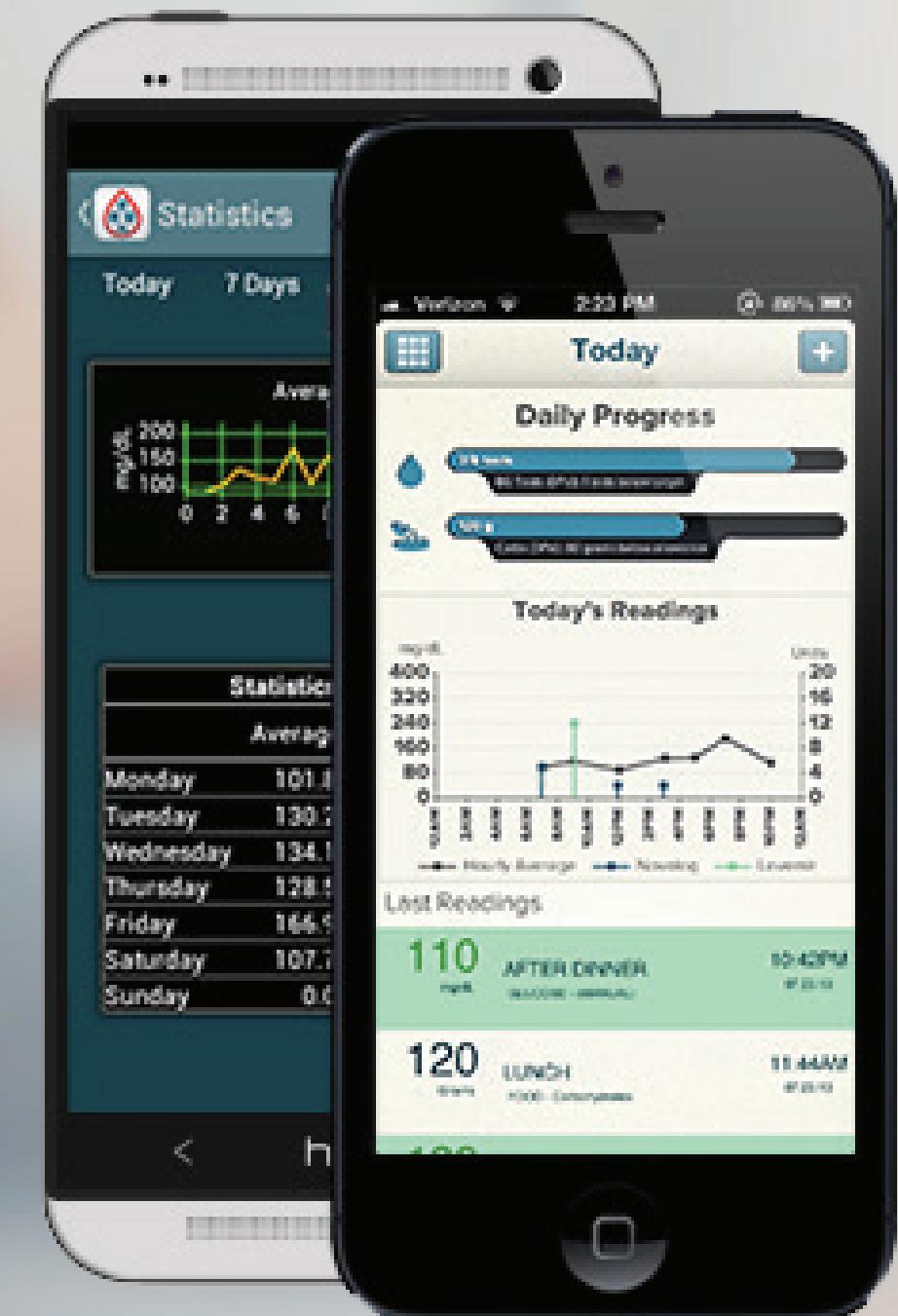
This super smart propane tank gauge connects to an app on your mobile device so no matter where you are, you'll always know when it's time to refuel.



<http://www.quirky.com/shop/732-refuel-smart-propane-tank-gauge>

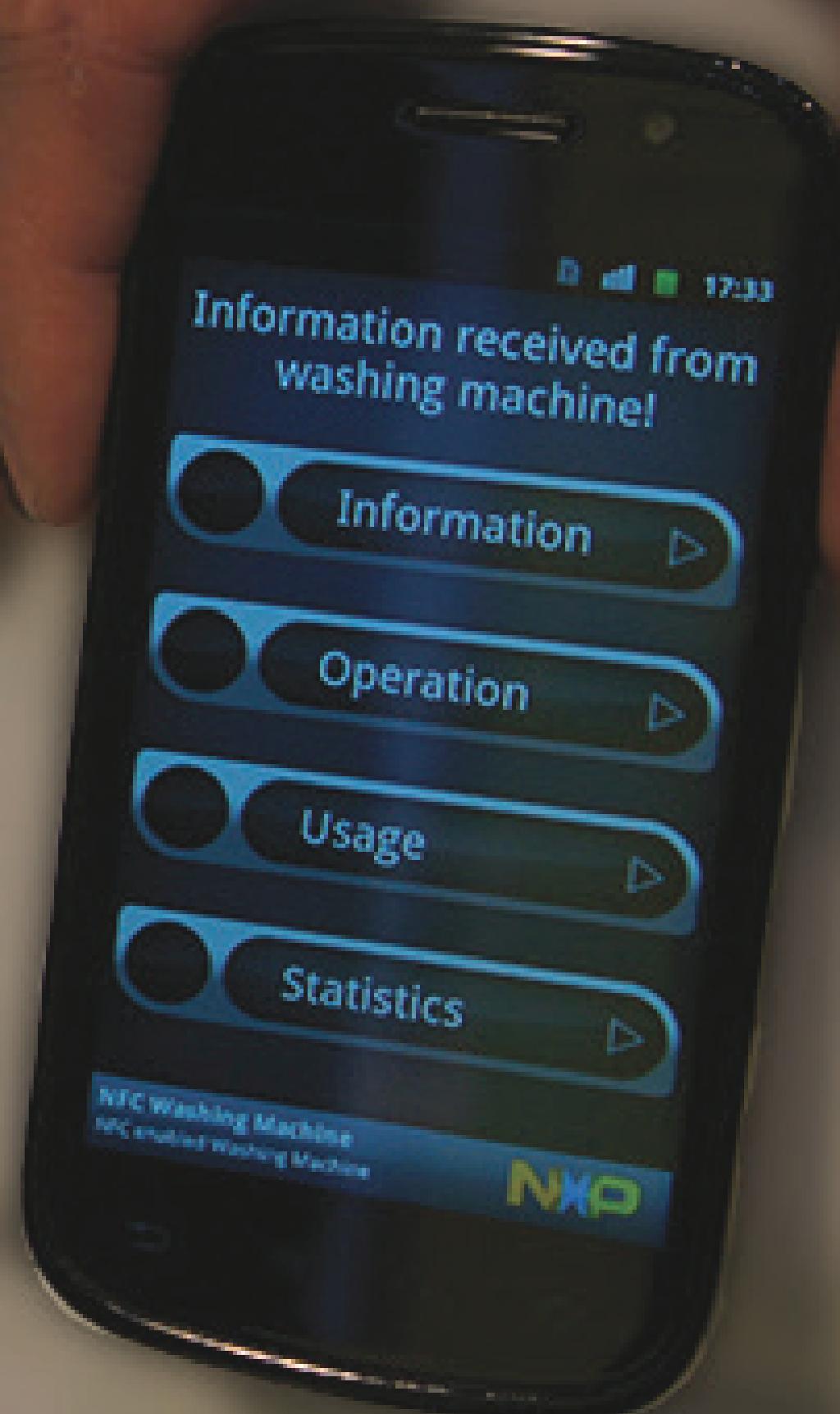
Glucose Monitoring

A cellular-powered glucose meter transmits each test result to a secure server and provides instant feedback and coaching to patients. This equips doctors, nurses, diabetes educators with real-time clinical data.



Smart Washing Machine

Smart Aqualtis is the first Indesit Company washing machine designed to be integrated in 'Smart' ecosystems, covering a wide range of use cases.



Smart Piggy Bank

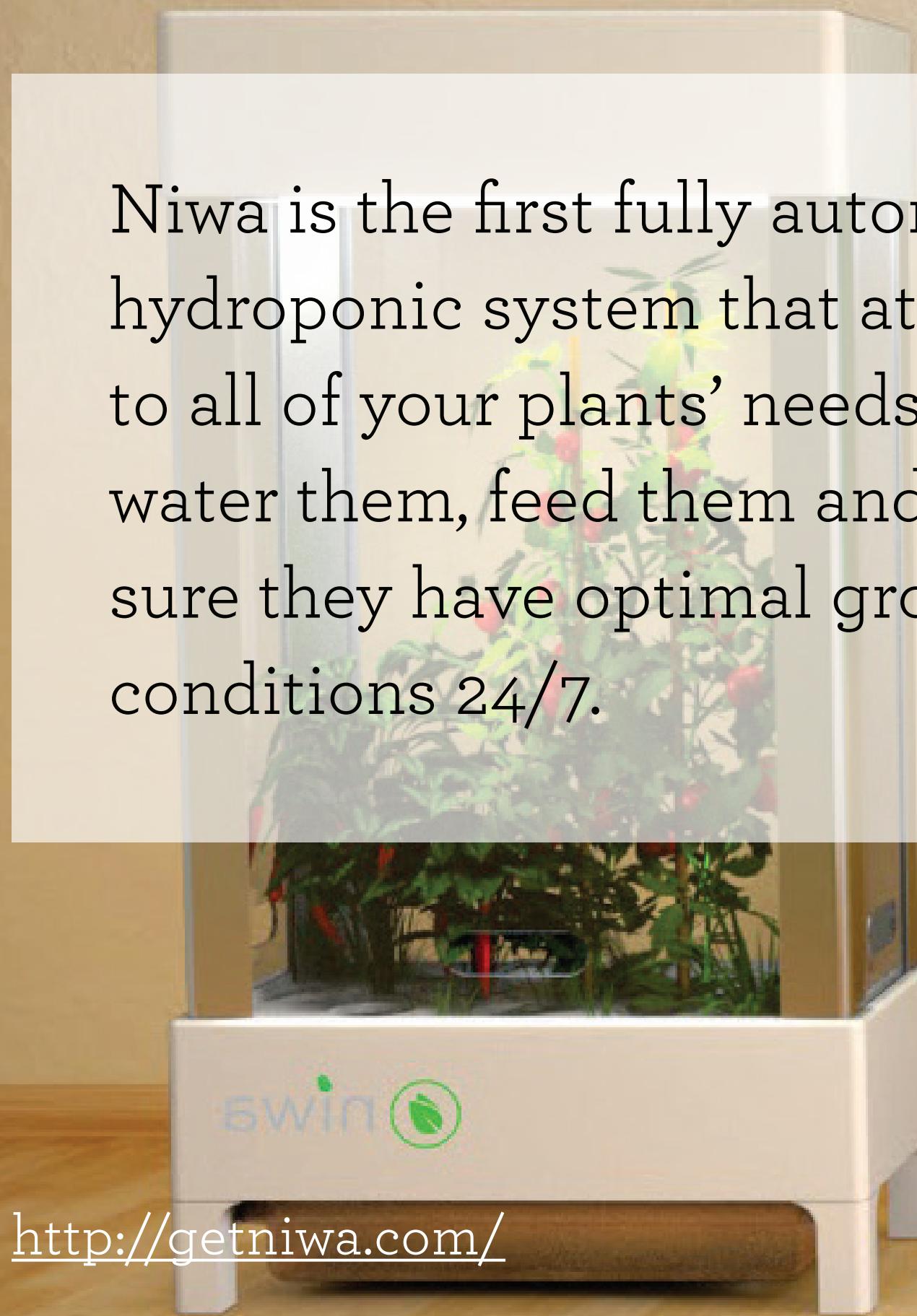
The Porkfolio wirelessly connects to an app on your device so you can track your balance and set financial goals from afar. Its nose lights up in celebration every time a U.S. coin is inserted and it holds up to \$100 in quarters.



<http://www.quirky.com/shop/607-porkfolio-save-big-with-this-pig>

Hydroponic System

Niwa is the first fully automated hydroponic system that attends to all of your plants' needs and water them, feed them and make sure they have optimal growing conditions 24/7.



<http://getniwa.com/>



Smart Sprinkler Control

Lono lets you control your sprinkler system anywhere, anytime with your smart phone. And the things that should be automated, finally are.



<http://lono.io/>

Fiction Arcade Machine

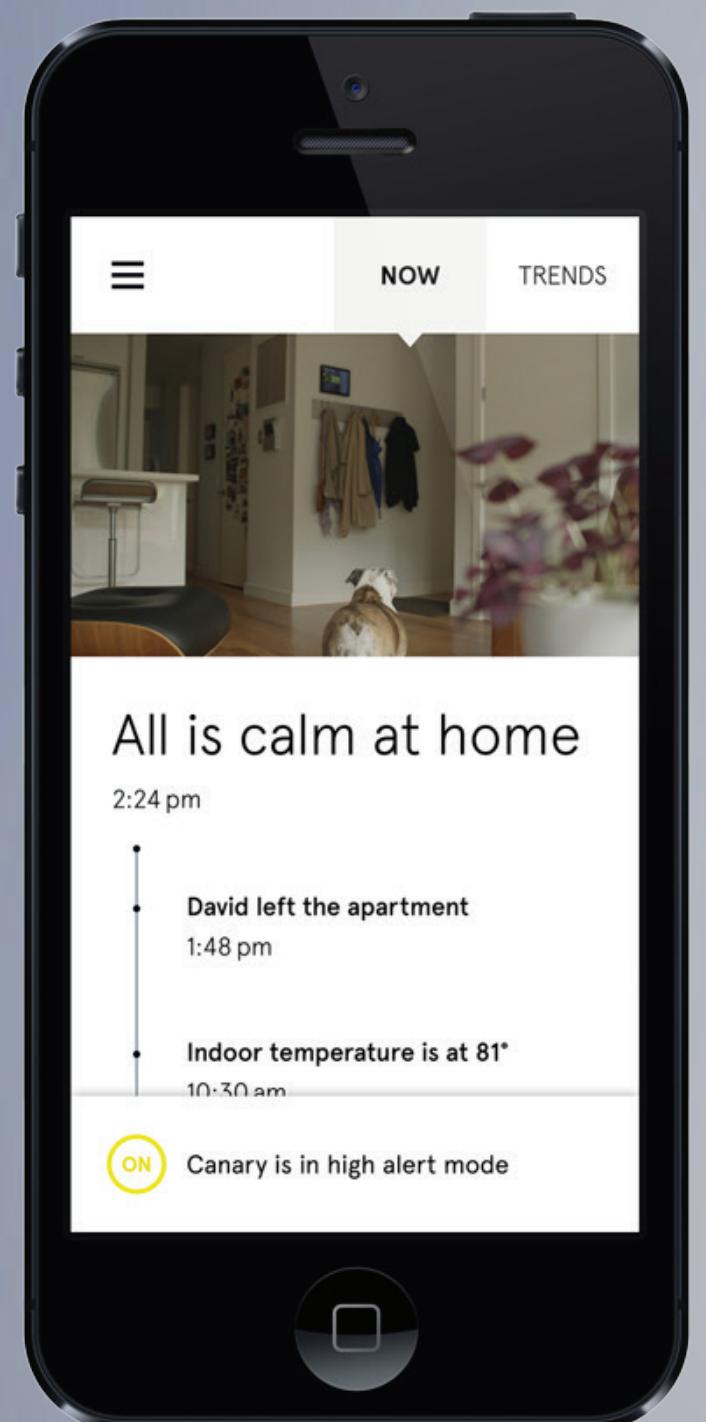
The Choosatron is a fun kit that assembles into a small interactive fiction game box, great for social reading and playing. As you play, you make decisions that affect the outcome of the story, and is printed on a paper scroll.



<http://choosatron.com/>

Smart Home Security

Canary is a complete security system packed into a single, device. It adapts to your home over time and sends intelligent notifications with HD video directly to your smartphone.



Smart Pet Game

CleverPet is a smart WiFi-connected game console for your dog. Automatically entertain and educate your dog, even when she's home alone.

<http://getcleverpet.com/>



Smart Lighting

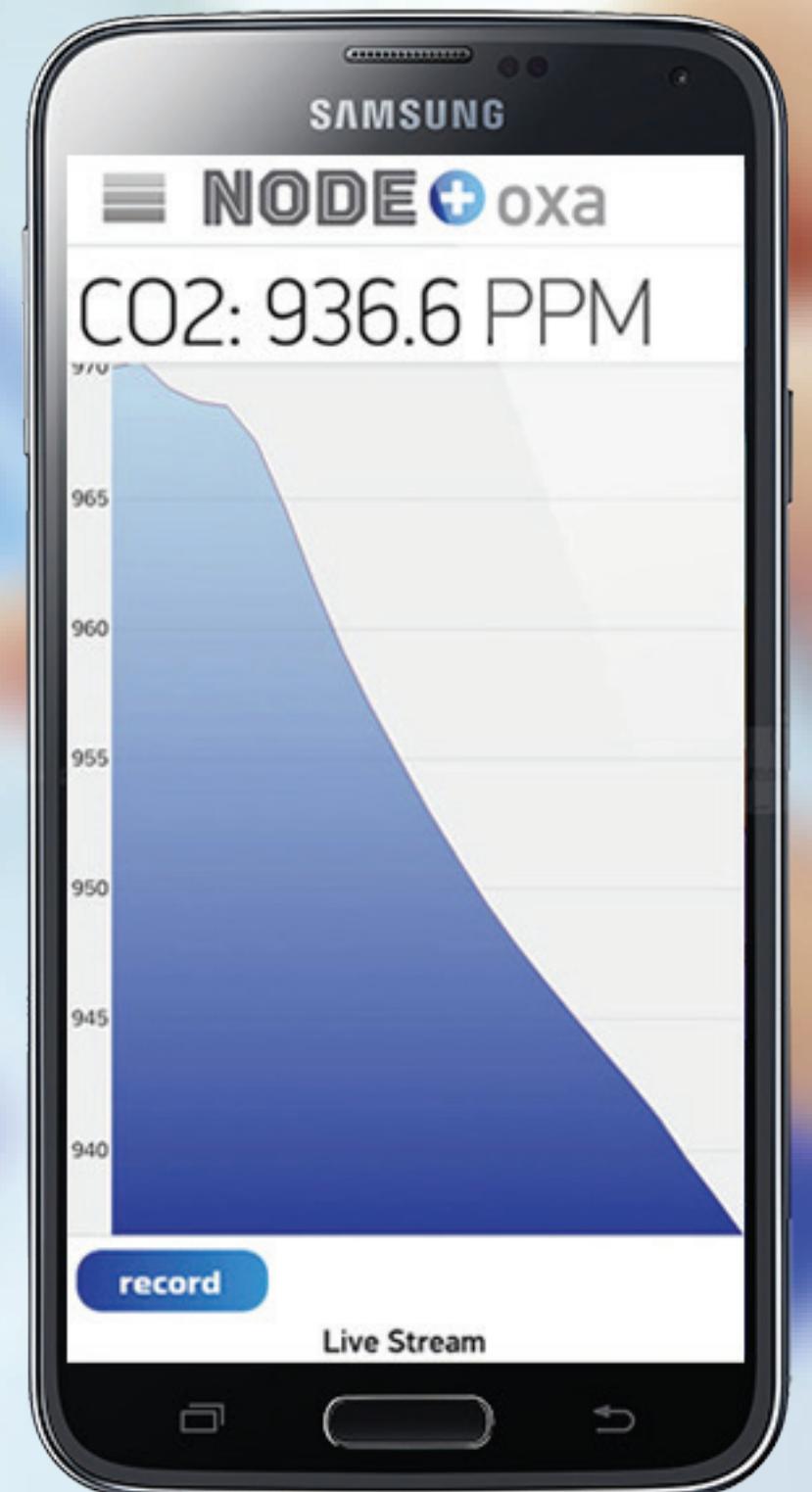
Control your bulbs one at a time or altogether. Find just the right shade of white. Pick that perfect tone to match the moment. Or recreate any color from a photo.

<http://meethue.com/>



Analyze with NODE+

Analyze speed, acceleration, movement, direction, shock, tilt, magnetic fields, and more.



Smart A/C

Aros learns from your budget, location, schedule, and usage to automatically maintain the perfect temperature and maximize savings for your home.



<https://www.quirky.com/shop/752-aros-smart-window-air-conditioner>

Bluetooth-Enabled Insoles

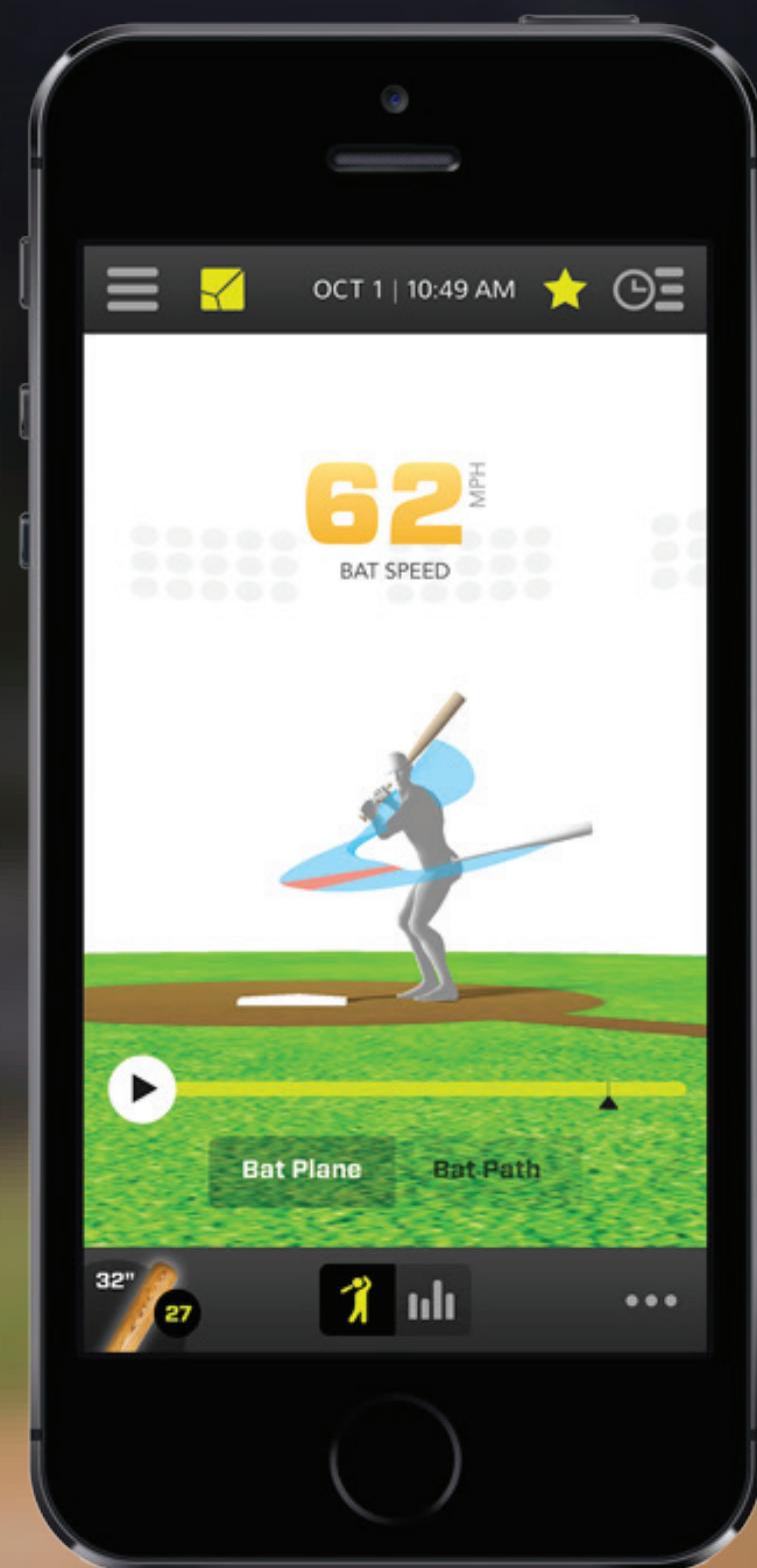
Shares navigation, directions and orientation.



<http://lechal.com/products.html>

Swing Analyzer

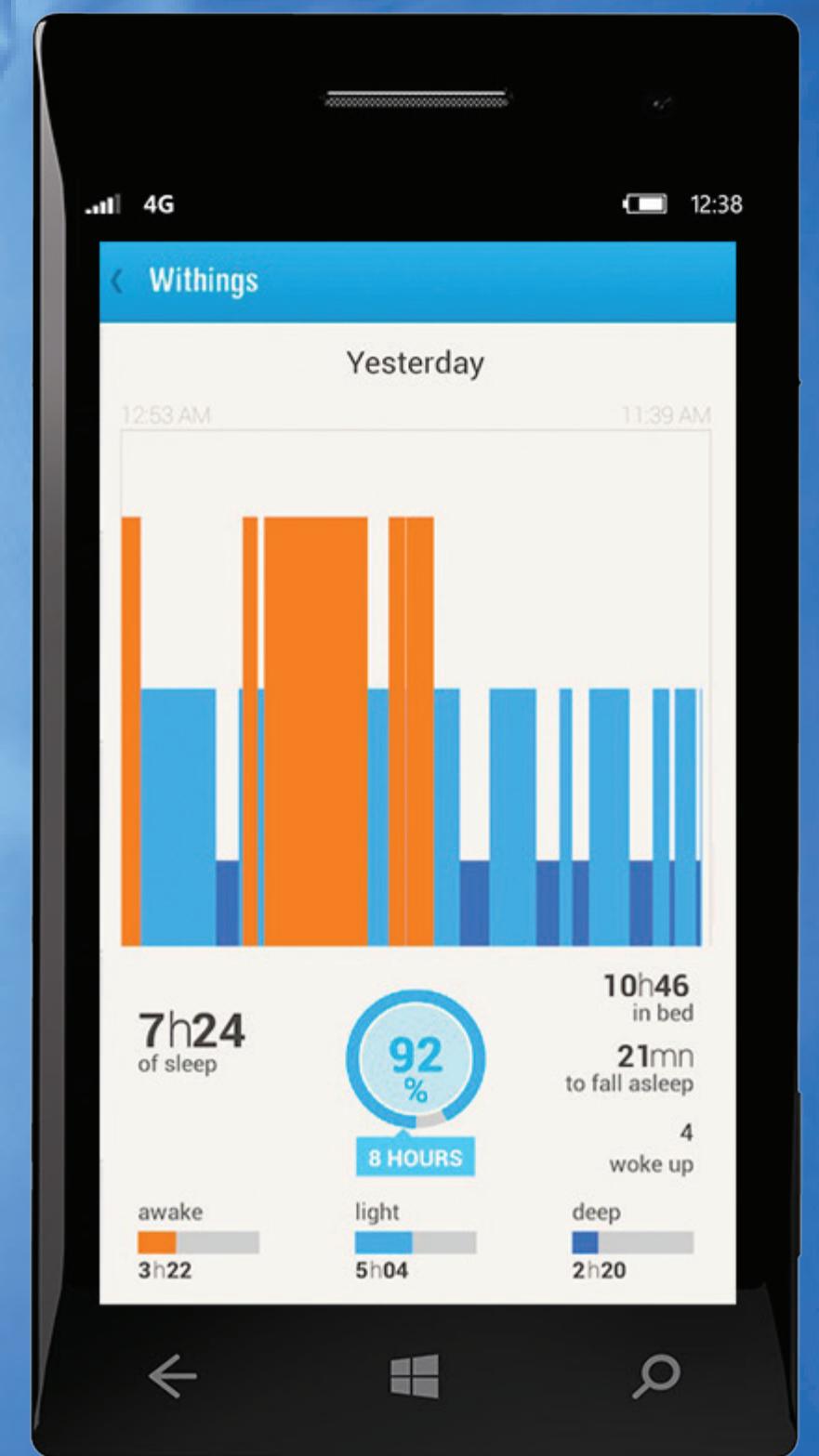
Make your Zepp Sensor multi-sport, all you need to do is purchase additional sport specific mounts and download the app.



<http://www.zepp.com/>

Smart Sleep System

Visualize your sleep cycles, understand what wakes you up, and compare nights. From the palm of your hand you can control your personalized wake-up, and fall-asleep programs.



<http://www.withings.com/us/withings-aura.html>

Smart Plane



The SmartPlane works with the latest BluetoothSmart wireless technology for long range and flight time – and there is no cumbersome pairing.



Sense Mother

Sense Mother is at the head of a family of small connected sensors that blend into your daily life to make it serene, healthy and pleasurable.



<http://sen.se/store/mother/>

Blood Pressure Monitor

Simply slip on the cuff, turn on the Wireless Blood Pressure Monitor and the Health Mate app will automatically launch.



<http://www.withings.com/us/blood-pressure-monitor.html>

Smart Weather Station

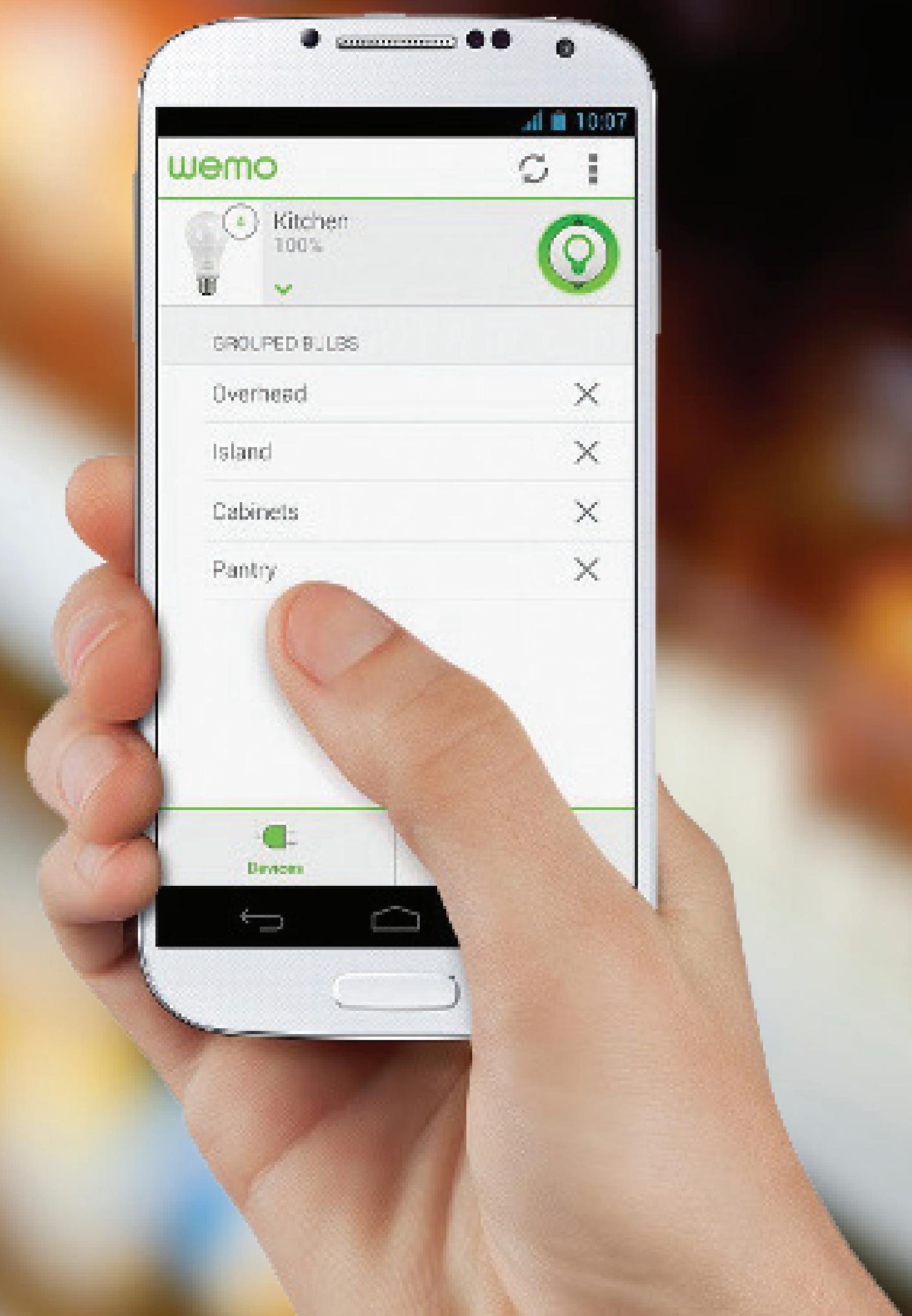
The Netatmo Weather Station allows you to use indoor temperature, relative humidity and CO₂ readings to live in a healthier home.



<http://www.netatmo.com/en-US/product/weather-station/>

Smart Slow Cooker

Enjoy remote access to all your slow cooker's functions, no matter where you are.



<http://www.belkin.com/us/Products/home-automation/c/wemo-home-automation/>

Dancing Robotic Spider

The TX8 is now Wi-Fi enabled, this opens up a lot more possibilities to the number of things you can do and the ways the robot can be controlled.

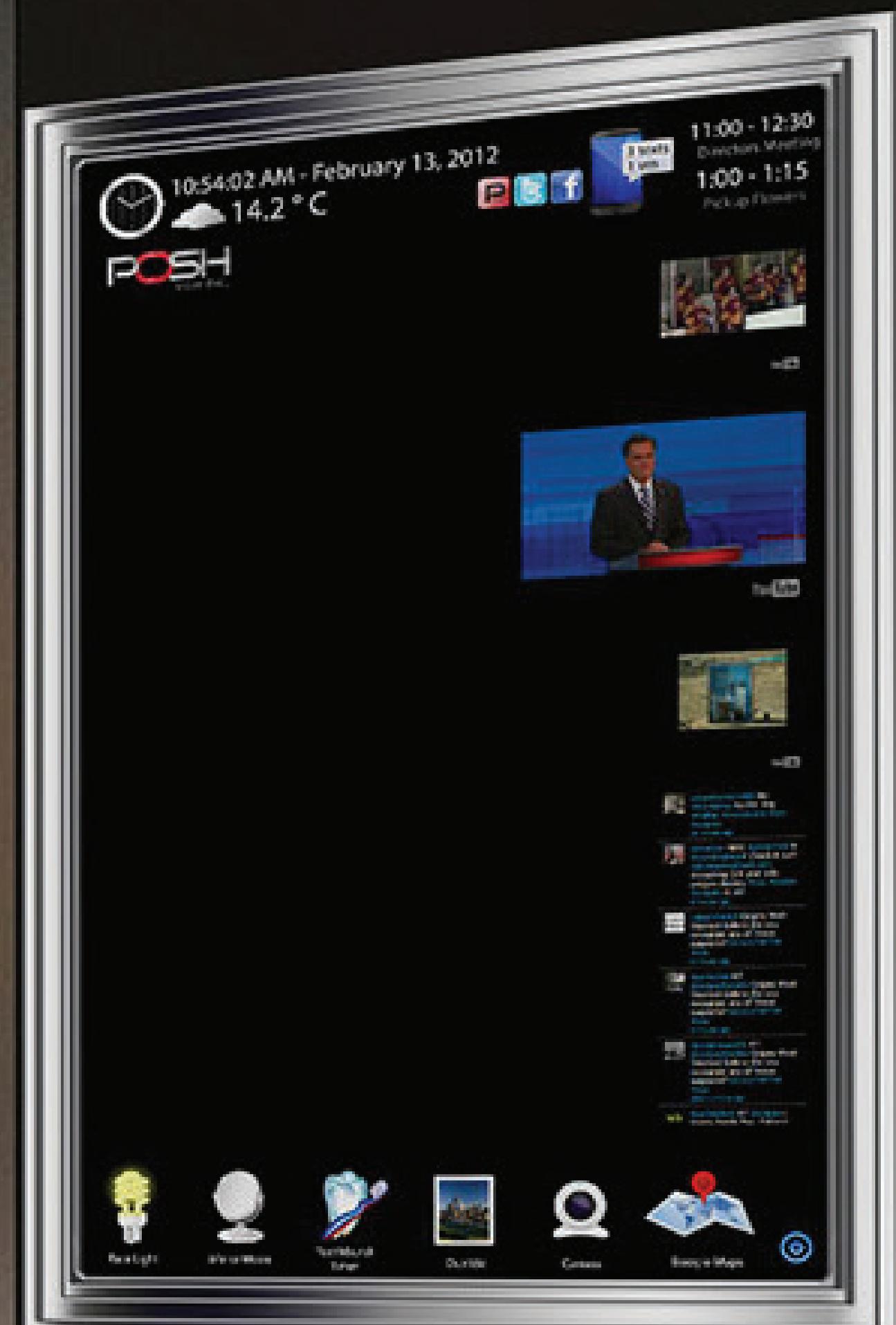


<http://www.robogtix.com/t8x/>

Internet-Connected Mirror

We are looking to bring a product to market that can make your life easier, while doing something you already spend time doing each day, looking at a mirror.

<https://www.kickstarter.com/projects/860592058/imirror>



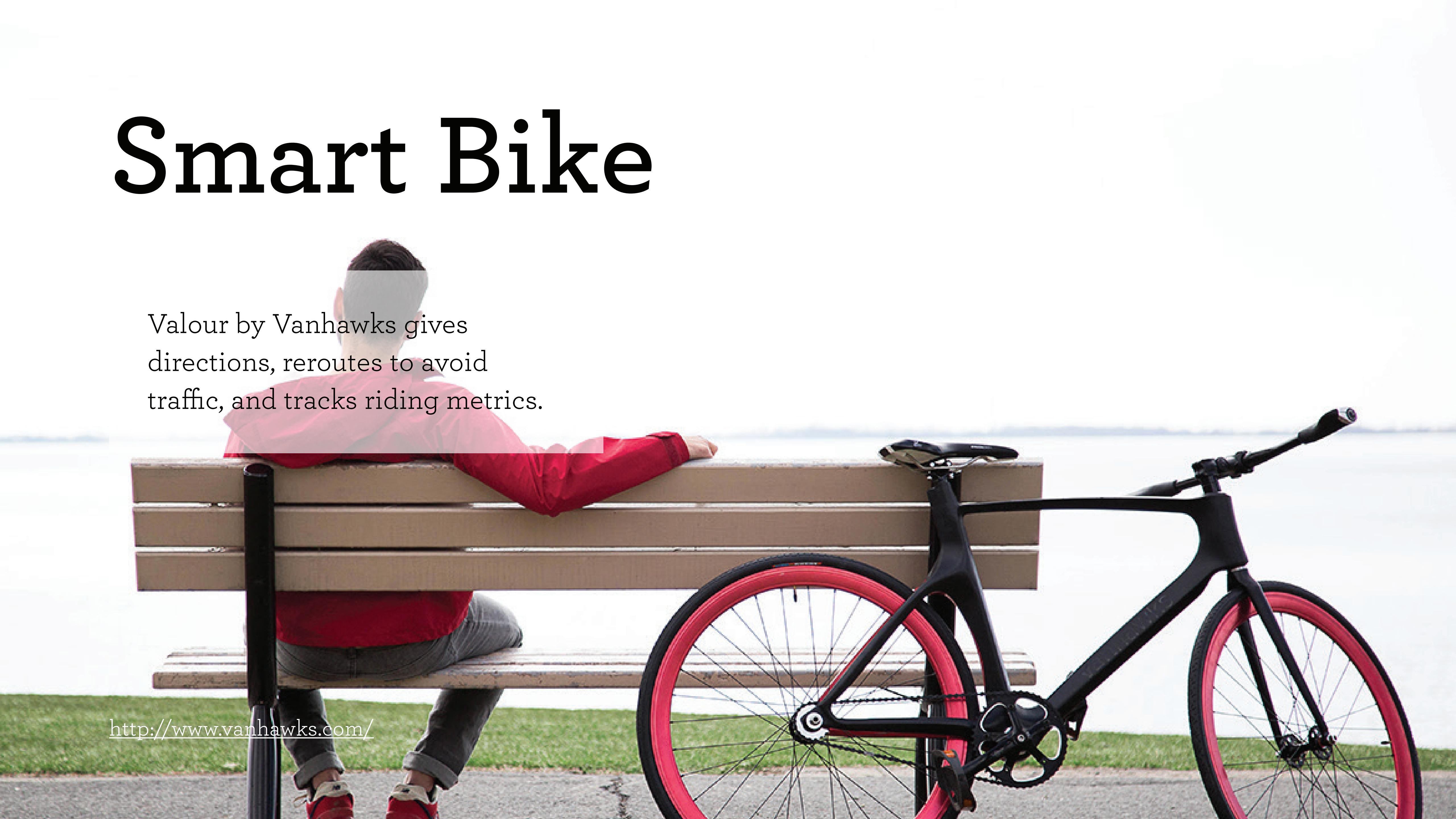
Smart Tennis Racket

Track your game with Babolat's breakthrough innovation. See where you stand in the global ranking and by category within your online community.



<http://en.babolatplay.com/>

Smart Bike

A photograph of a person sitting on a wooden park bench, leaning forward with their arms resting on the backrest. They are wearing a red long-sleeved shirt and dark pants. To the right of the bench, a black and red bicycle is parked. The background shows a body of water under a clear sky.

Valour by Vanhawks gives
directions, reroutes to avoid
traffic, and tracks riding metrics.

<http://www.vanhawks.com/>

Smart Garbage Cans

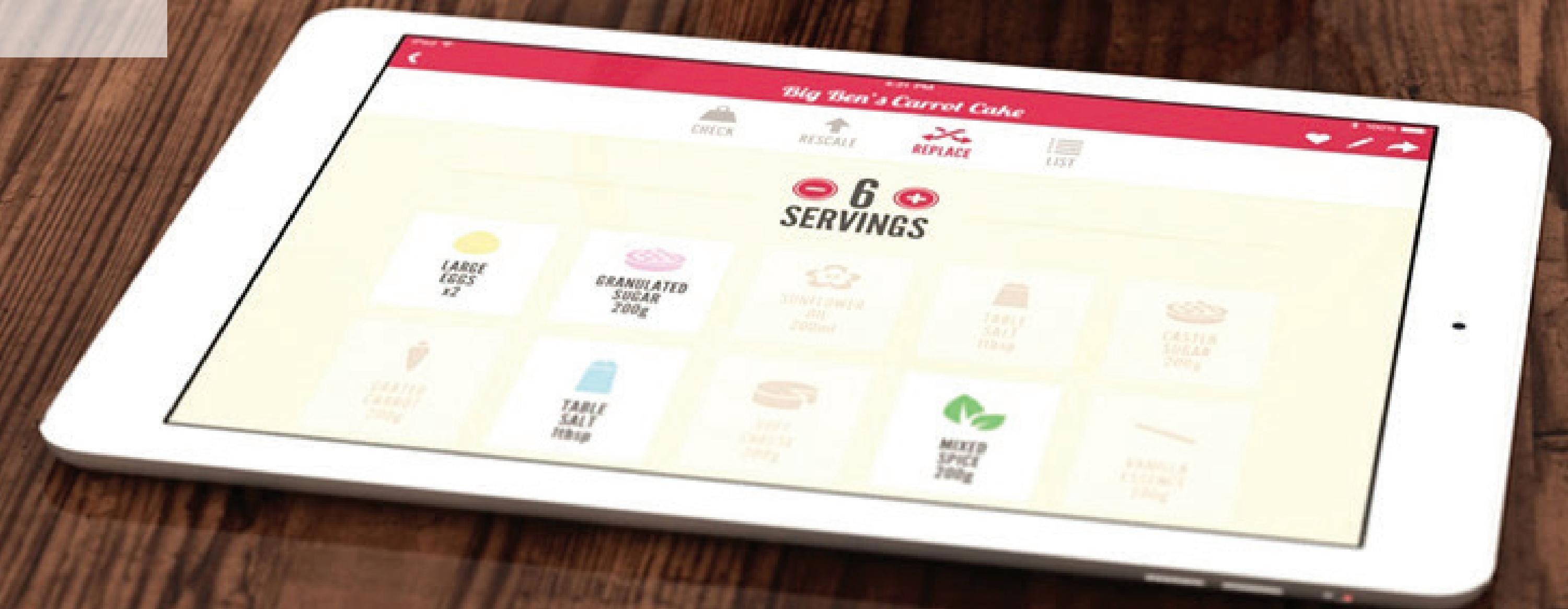
BigBelly alerts when it needs to be emptied so smarter collection decisions can be made.



<http://www.bigbelly.com/solutions/stations/smартbelly/>

Drop

Baking assistant that gives
recipes, directions, substitutions,
shopping lists, etc.



Petnet

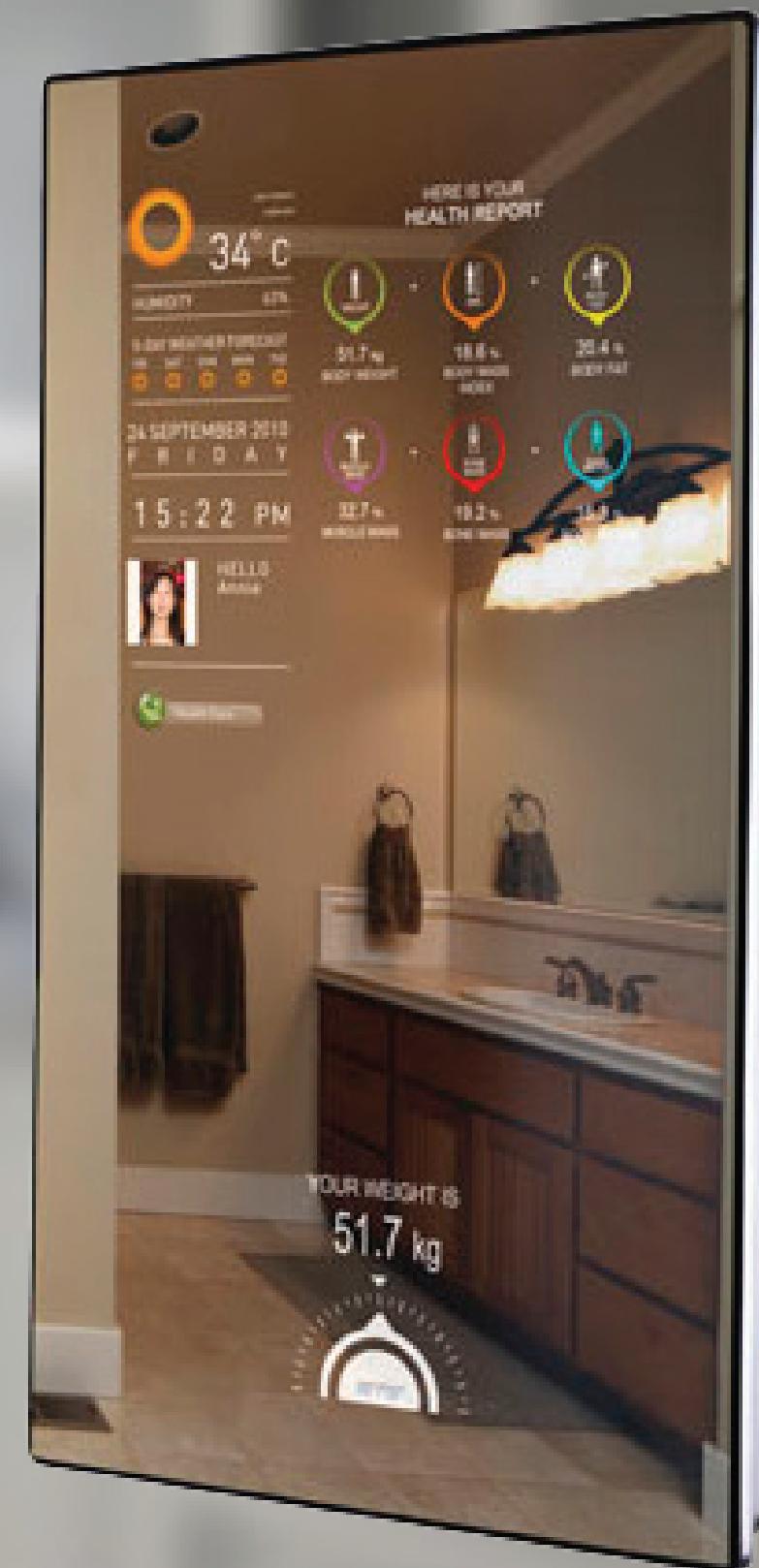
Petnet will control your pet's feeding from anywhere and tracks their nutrition.



<http://www.petnet.io/>

Smart Mirror

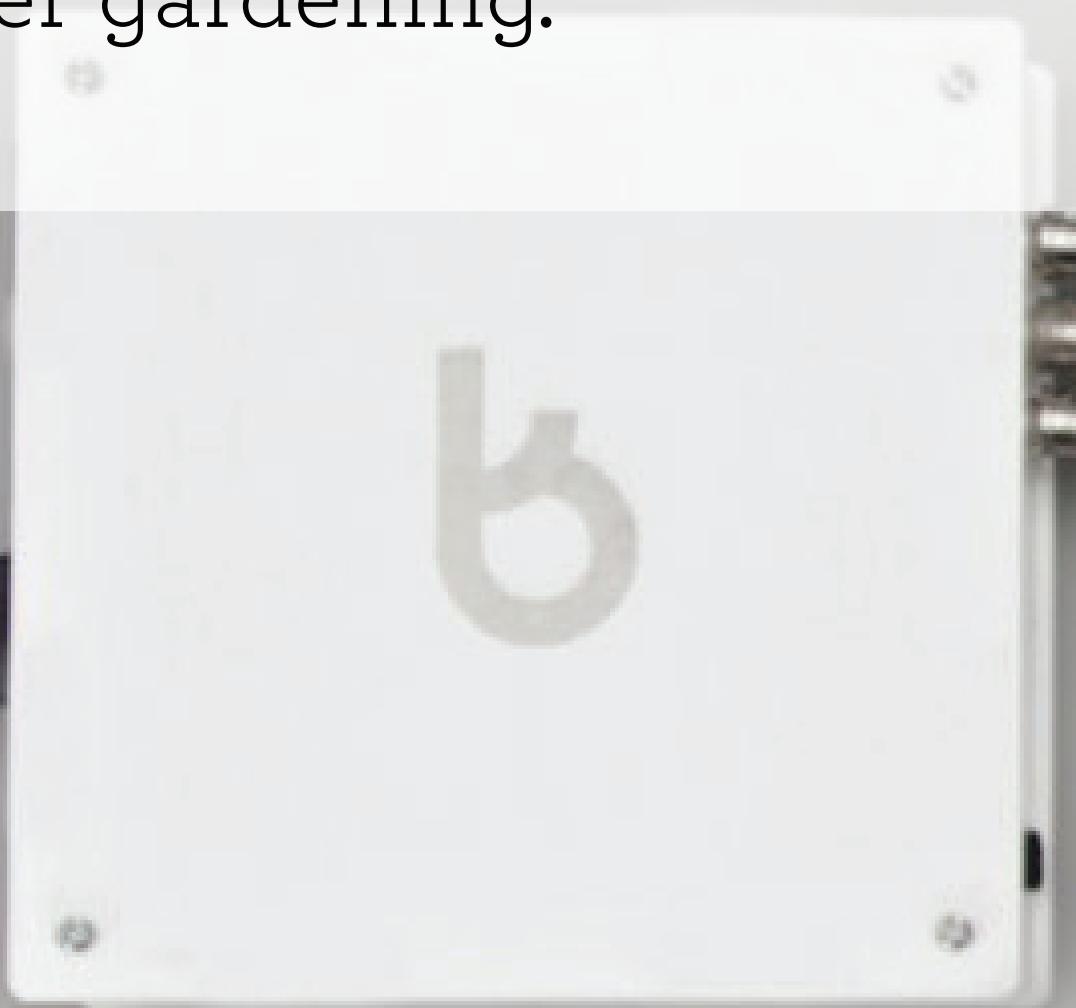
A reflective mirror with programmable applications and digital display for the home, office and public environments (hotels, hospitals, retail shops).



<http://www.cybertecturemirror.com/>

Smart Gardening

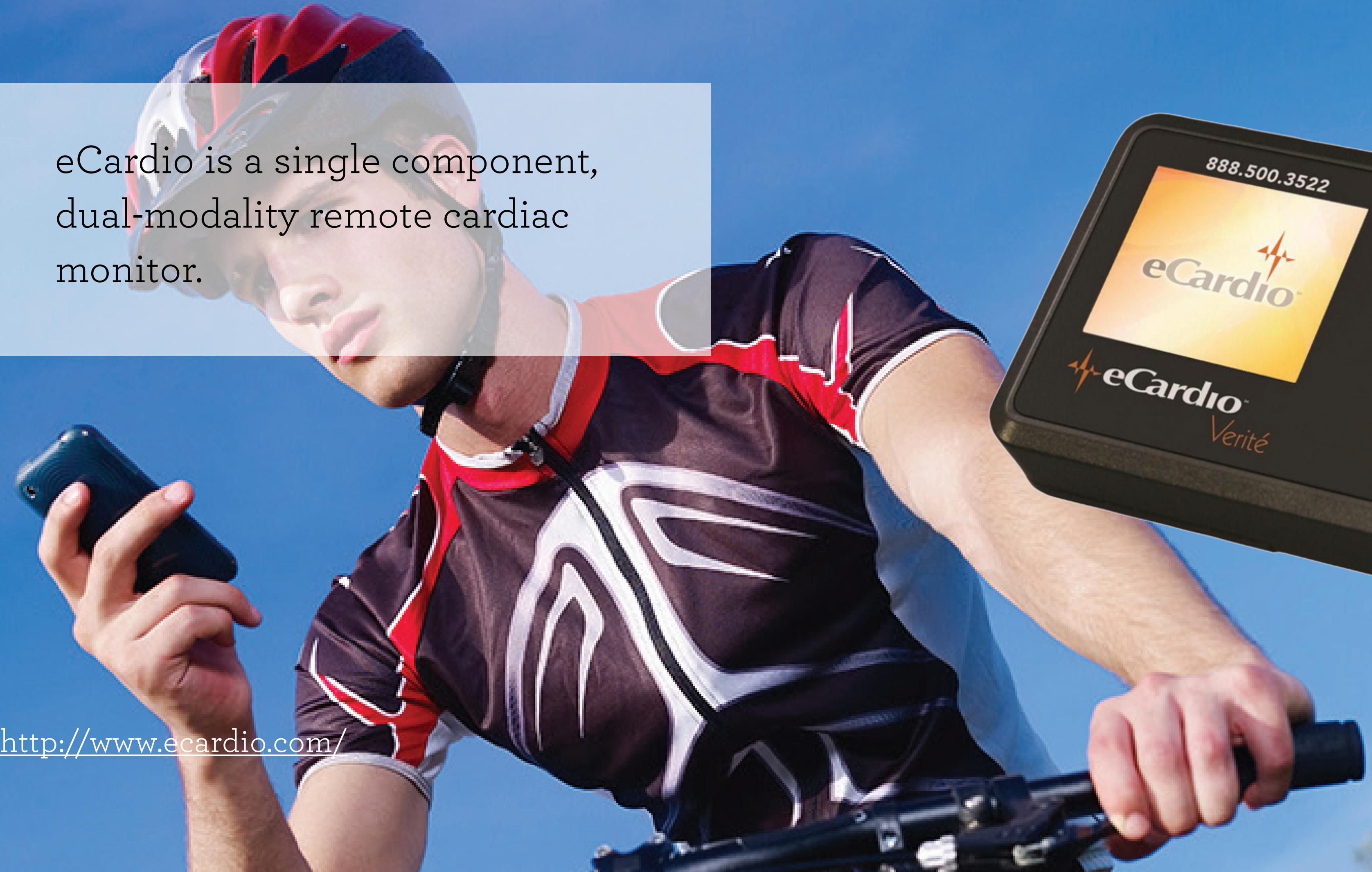
Bitponics gives data on plants and conditions surrounding them for better gardening.



<http://www.bitponics.com/>



Smart Cardio



eCardio is a single component,
dual-modality remote cardiac
monitor.



<http://www.ecardio.com/>

Smart Doorlock

The Genie Smart Lock - A door lock that allows you to lock and unlock your home using your smart phone, bluetooth keyring or computer.



<http://www.geniesmartlock.com/index.php>

Nod

Nod transforms your movements into commands. It brings the world around you to life, as you control everything from your laptop to your living room lights with a wave of your hand.



<https://hellonod.com/>

Smart Socks

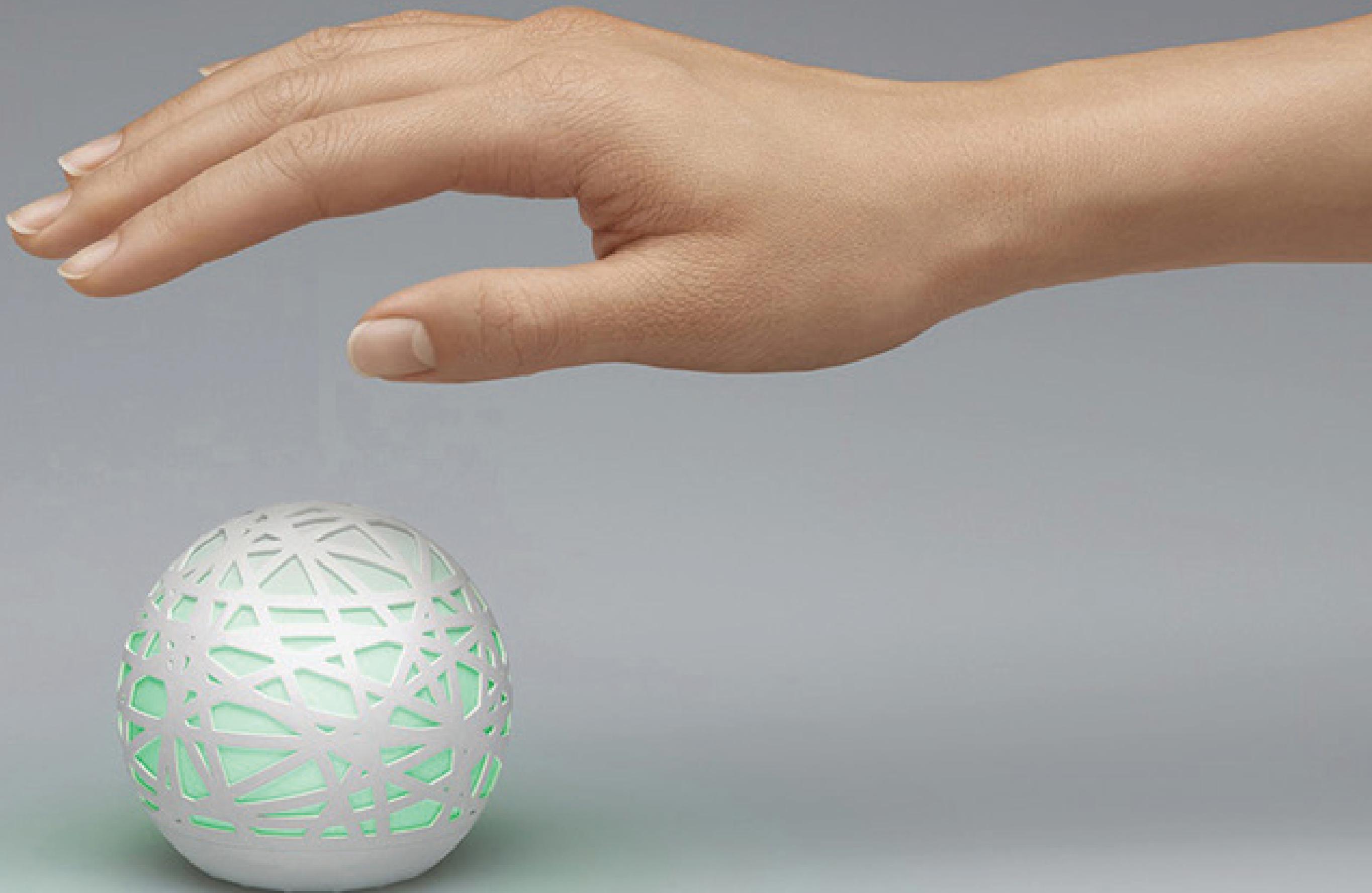
Socks infused with proprietary 100% textile sensors. They are paired with a Bluetooth Smart cool and detachable anklet that delivers accuracy in step counting, speed, calories, altitude and distance tracking.



<http://store.sensoriafitness.com/>

Sense by Hello

Sense makes smart devices to track sleep behavior and monitor sleeping environment.



<http://hello.is/>

Budweiser Red Light

When the user's team scores, the light flashes and a horn sounds. Just connect it to WiFi, pick your favourite city.

<http://www.budweiser.ca/redlights/>



Smart Shirt

Monitors how your body behaves over time, includes heart rate recovery and breathing at rest, to monitor improvements in health.

<http://omsignal.com/>

