

THE INTERNET OF THINGS

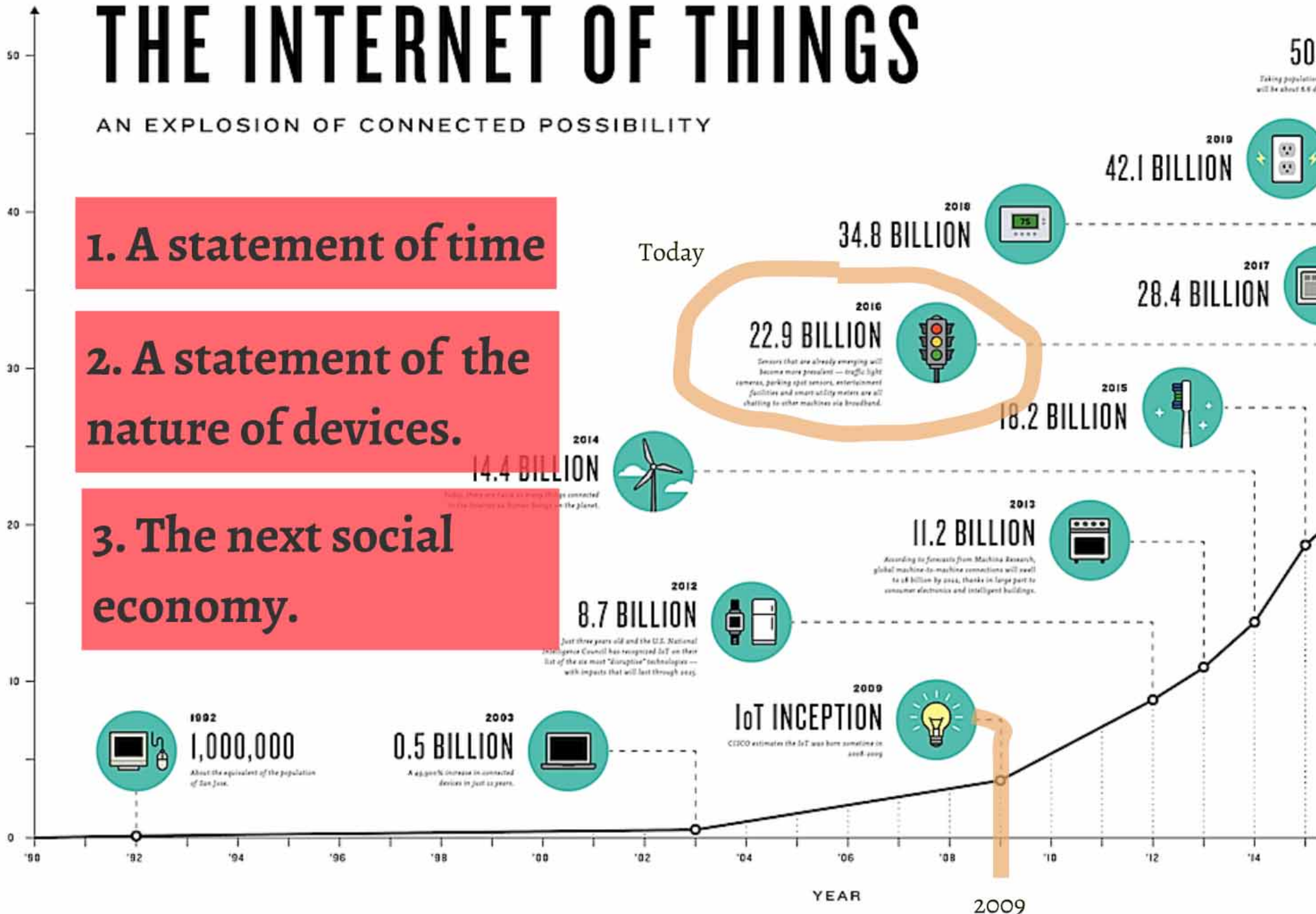
AN EXPLOSION OF CONNECTED POSSIBILITY

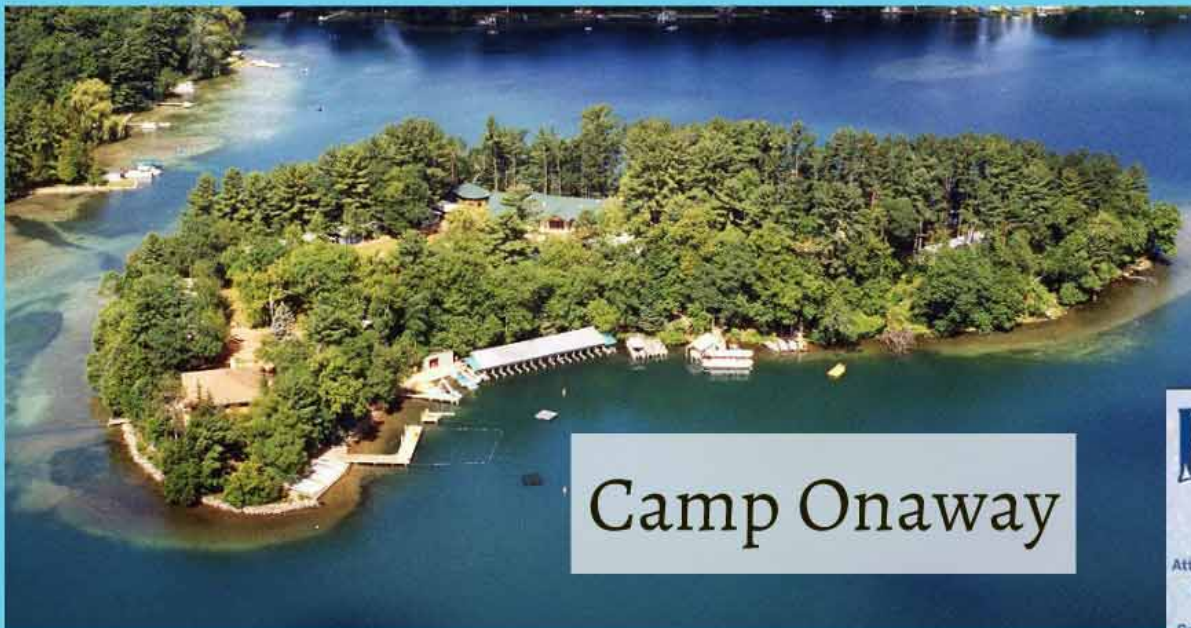
1. A statement of time

2. A statement of the nature of devices.

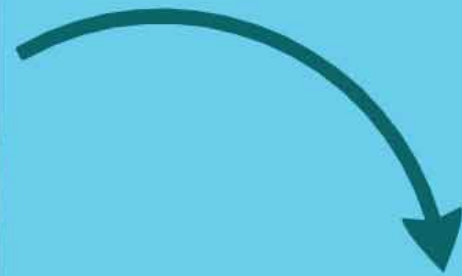
3. The next social economy.

BILLIONS OF DEVICES





Camp Onaway



Rainbow Falls
 Rainbow Park, L.L.C.
 Highway 51 (I-39) & County Hwy B
 Village of Plover, WI
 715-345-1950 • 800-321-2228

Home
 Attractions
 Schedule
 Rates
 Group Sales & Company Picnics
 Birthday Party Packages
 Location
 Area Hotels, Motels & Campgrounds
 E-mail Us

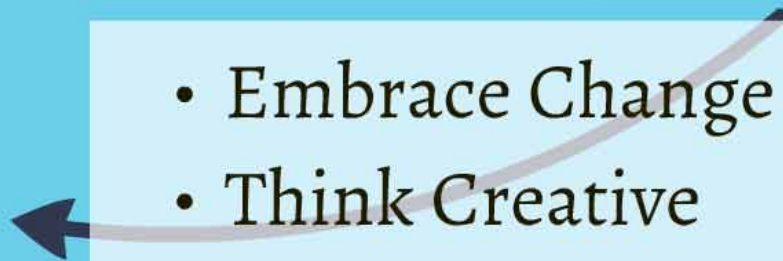
Attractions

WET	DRY
1: Wave Pool	5: Kiddie Sand Box
2: Zero Gravity	8: Miniature Golf
3: Water Slides	9: Flat Track Go-Karts
4: Kiddie Pool	10: Indy Track Go-Karts
5: River of Rainbows	11: Vertical Extreme
7: Blumper Boats	

Questions

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 Kiesling
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- Embrace Change
- Think Creative
- Be Resilient



2016 International

CES®



What

Where is the value potential of the Internet of Things?



Interoperability required to capture 40% of total value



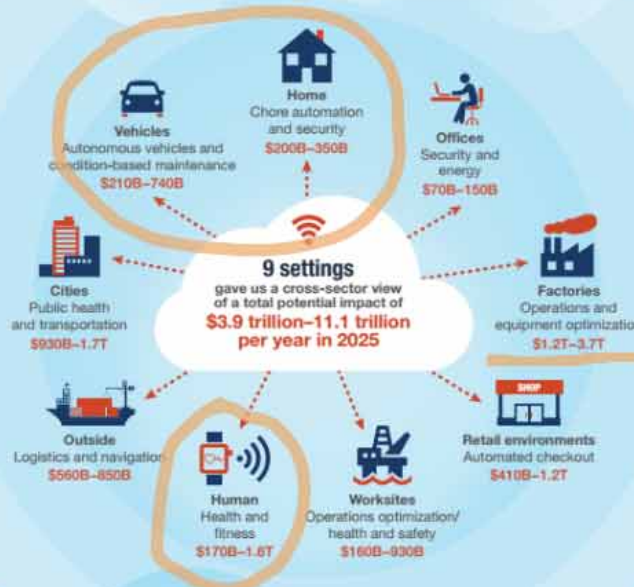
< 1% of data currently used, mostly for alarms or real-time control; more can be used for optimization and prediction



2X more value from B2B applications than consumer



Developing: 40%
Developed: 60%



Transform business processes
Predictive maintenance, better asset utilization, higher productivity



Enable new business models
For example, remote monitoring enables anything-as-a-service

Types of opportunities



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Vehicles



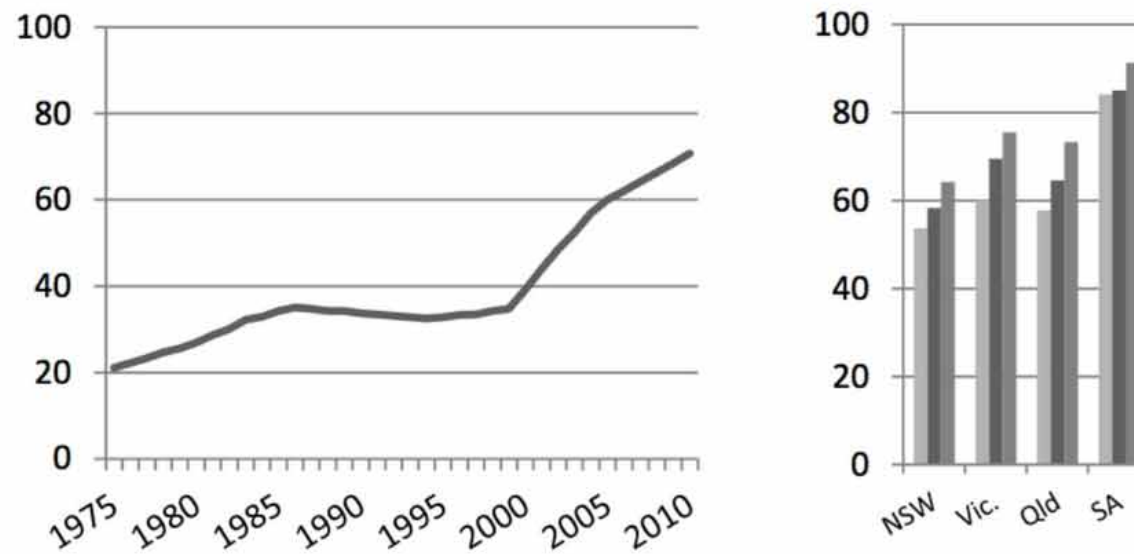
Home
Chore automation
and security





Why

Figure 9.7 The increase in household air conditioning
Per cent of households with air conditioning



Data sources: ABS (2011d), Topp and Kulys (2012).

Air Conditioning



21% > Married

33% > Own home

Boomers

Two Biggest Generations

Millennials



Phones over
Cars

18% > Metro

Walkability

\$3,000

A stylized map showing a grid of streets. Overlaid on the map are several blue icons: a coffee cup, a fork and knife, and a speech bubble containing the text 'Walk Score 87'.

Property Values

\$5,400

A cluster of colorful houses in various colors (red, yellow, green, blue) with white roofs, arranged in a row. The houses are stylized and have a slight shadow effect.

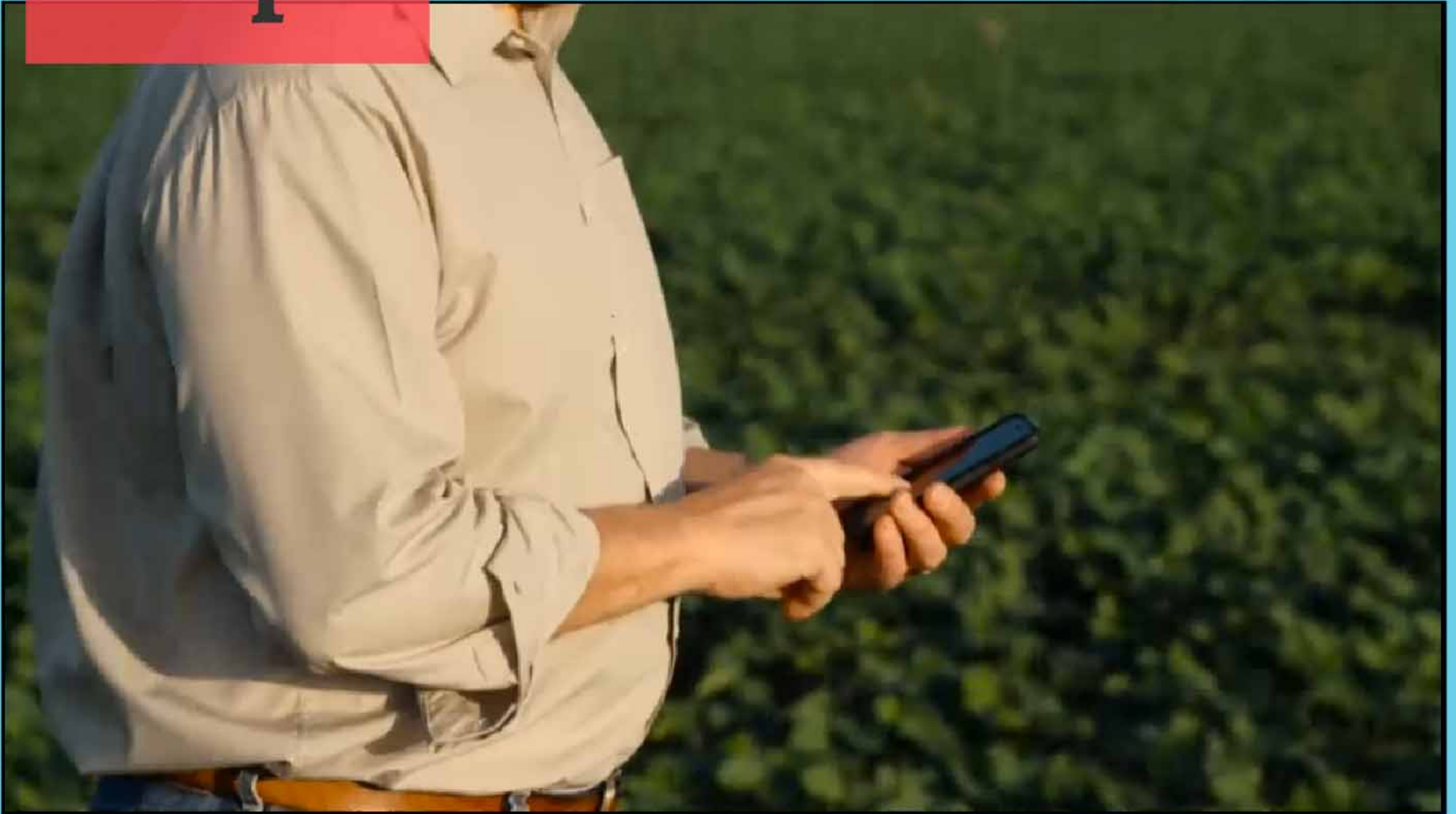
FTTH

SF park



How

CropX



Epic



Walkability



\$3,000

Property Values

\$5,400

FTTH

Epic



Why

How

DRIVEN BY A TRANSFORMATION IN
3 KEY ECONOMIC PILLARS

Telephone, Radio, TV



COMMUNICATION

Internet of Things

Fossil Fuel
Centralized Power



ENERGY

Decentralized
Renewable Energy

Fossil Fuel
Auto/Airlines



LOGISTICS

Autonomous
Vehicles, Drones,
Hyperloop

JEREMY RIFKIN

READ BY DAVID COCHRAN HEATH • UNABRIDGED

DRIVEN BY A TRANSFORMATION IN 3 KEY ECONOMIC PILLARS

Telephone, Radio, TV



COMMUNICATION

Internet of Things

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Centralized Power



ENERGY

*Decentralized
Renewable Energy*

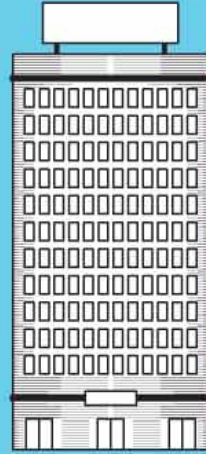
Fossil Fuel
Auto/Airlines



LOGISTICS

*Autonomous
Vehicles, Drones,
Hyperloop*

*5 miles,
30 MPH,
LA*

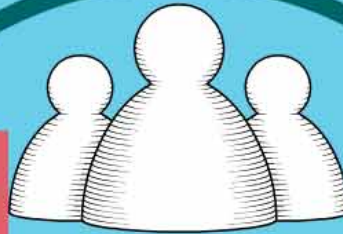


Dispatch and
Management

\$19.62

Drivers

Uber



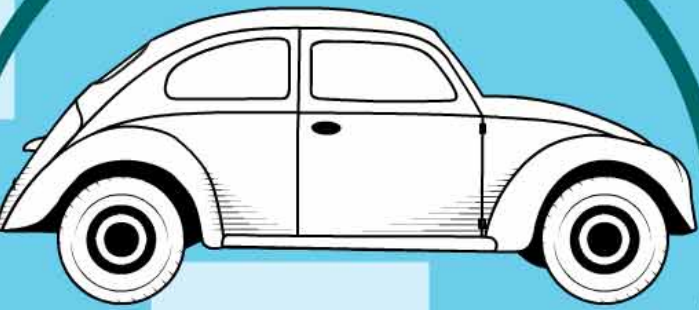
\$9.40

Car



\$5

*Lower Marginal Cost =
Scalable solution for less dense locations*



Car

\$5

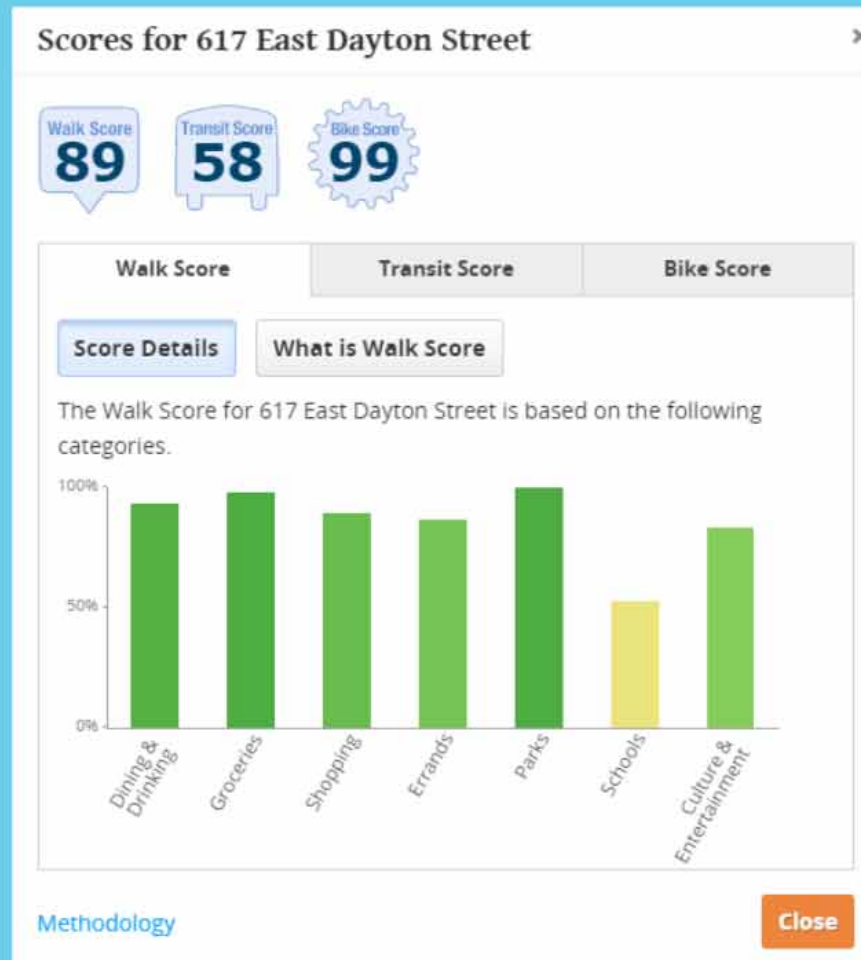
***Lower Marginal Cost =
Scalable solution for less dense locations***

- Electric Car
- Web based logistics allows for all types of deliveries to be optimized



**Technology
Leapfrog**

Challenges



800 Sq Feet Condo



1800 Sq Feet Corner Lot

Trends

3D printing

Industry

Unmanned aerial...

Aircraft type

Amazon Prime

Search term

+ Add term

Beta: Measuring search interest in *topics* is a beta feature which quickly provides accurate measurements of overall search interest. To measure search interest for a specific *query*, select the "search term" option. ?

Interest over time ?

News headlines ? Forecast ?



Strati 3D Printed Car

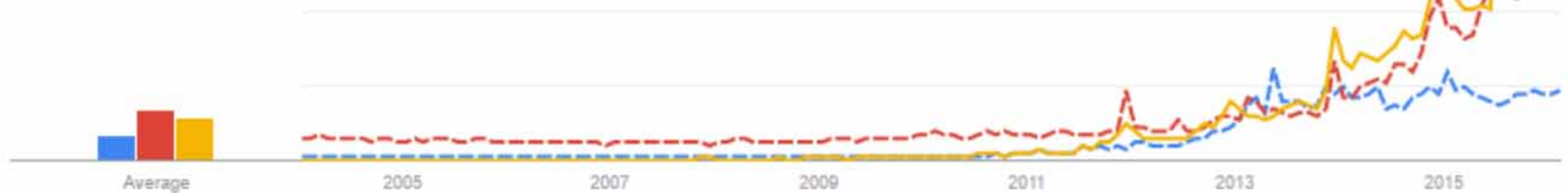


Amazon Drone



Place it. Press it. Get it.

Each Tide detergent is designed to work best in your washing machine. To get the most out of your Tide detergent, please follow the instructions on the package. For more information, visit [Tide.com](#).



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Strati 3D Printed Car



Amazon Drone



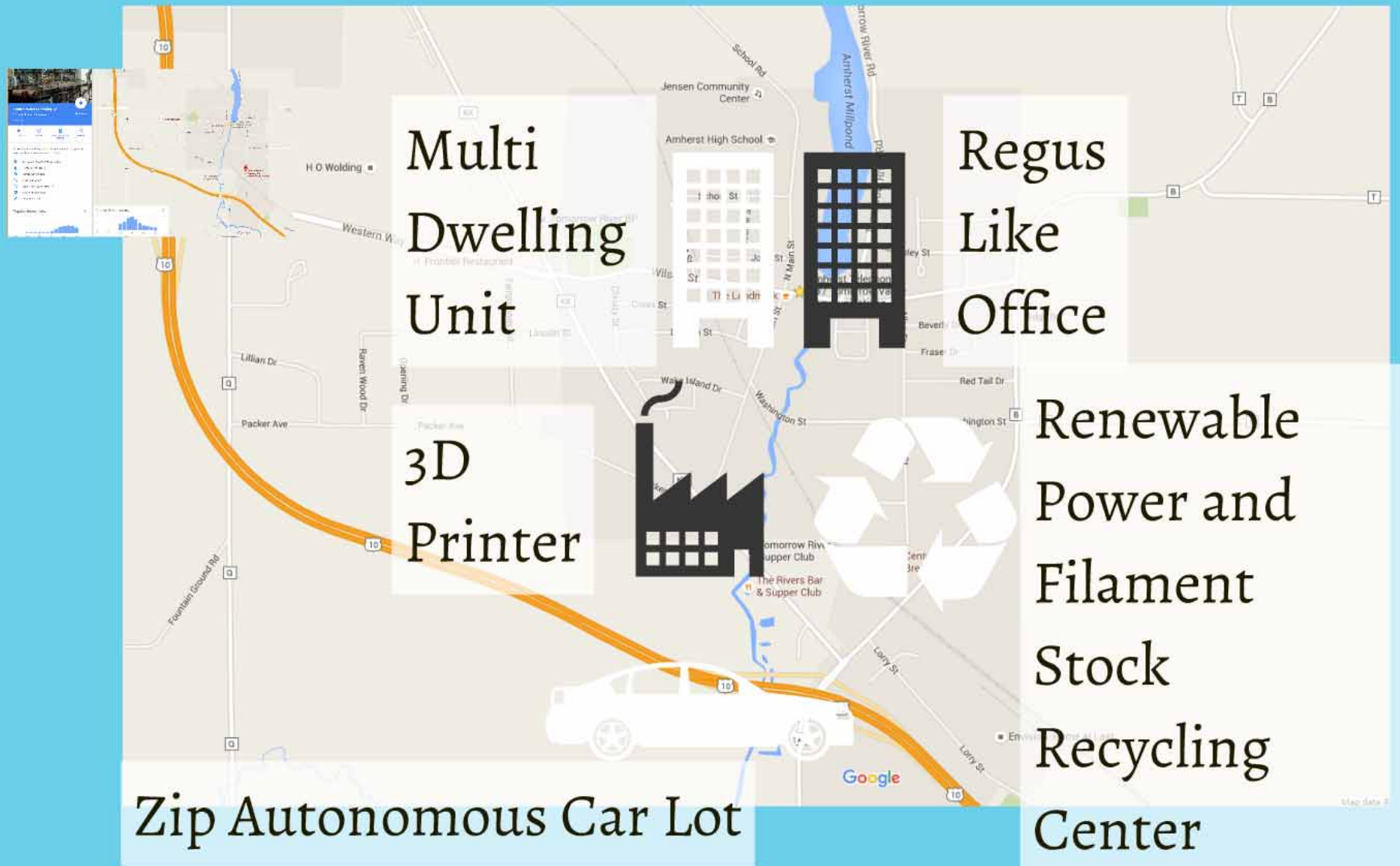
Place it. Press it. Get it.

Dash Button comes with a reusable adhesive and a hook so you can hang, stick, or place it right where you need it. Keep Dash Button handy in the kitchen, bath, laundry, or anywhere you store your favorite products. When you're running low, simply press Dash Button, and Amazon quickly delivers household favorites so you can skip the last-minute trip to the store.



Amherst

Where are the most young people from out of town each weekend?





Central Waters Brewing Co

5.0 ★★★★★ 23 reviews

Brewery



Directions



SAVE



NEARBY



SEND TO YOUR PHONE



SHARE

On Fridays & Saturdays, this brewery hosts tours & opens its taproom for craft beer service. - Google

351 Allen St, Amherst, WI 54406

Tweets Near Here

centralwaters.com

(715) 824-2739

Open now: 8AM-4PM

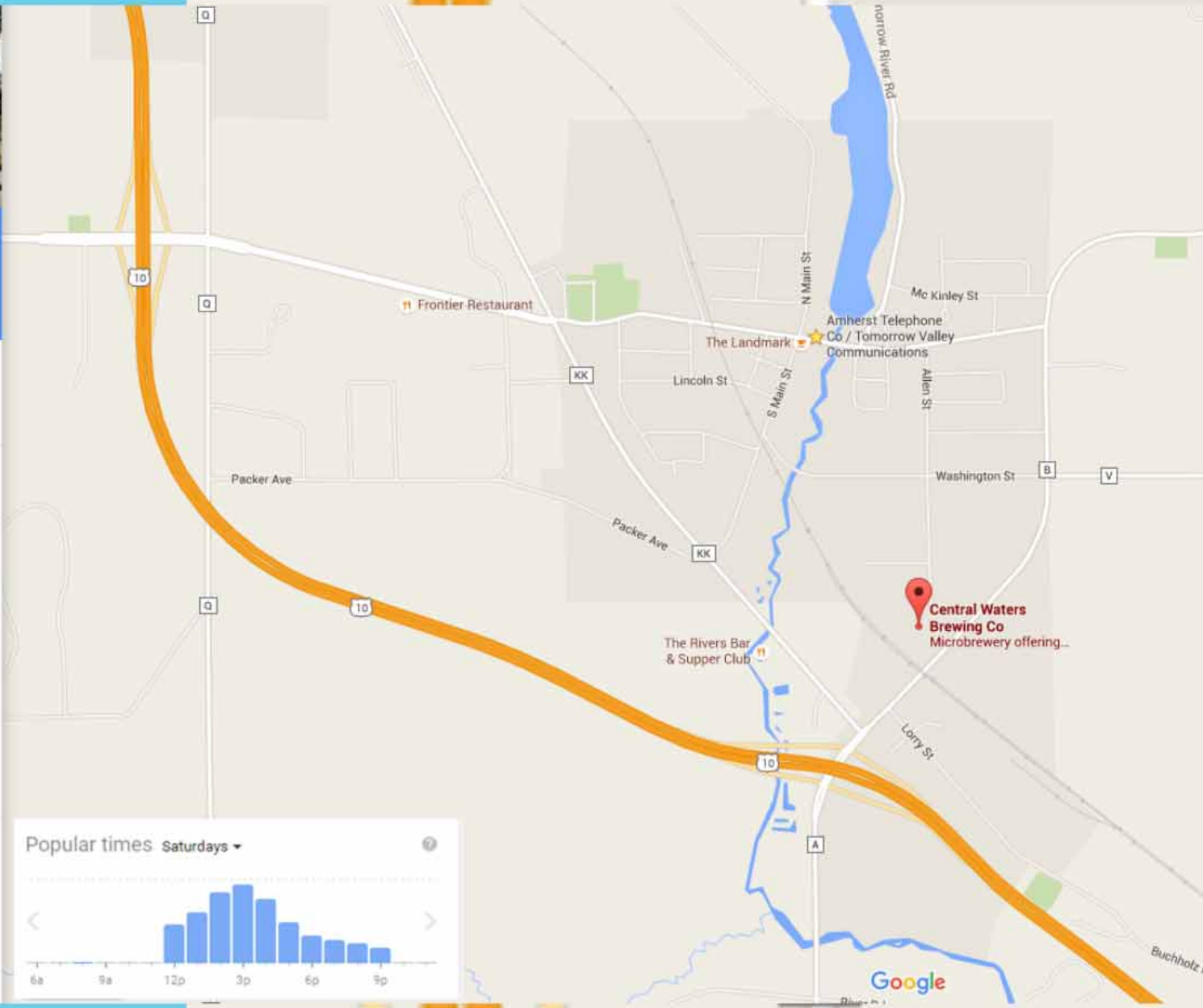
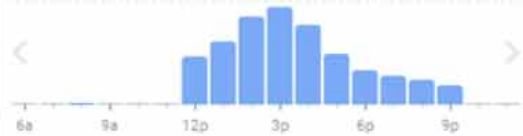
Claim this business

Suggest an edit

Popular times Fridays



Popular times Saturdays



Central Waters Brewing Co
Microbrewery offering...



Beer & Board

1.



2.



3. Work deals with all the local business to be part of the experience and get the visitor exposed to some other local fair.

Tech



How it works

The **bttn** communicates with the powerful bttn servers in the cloud. They dispatch messages and actions to almost any internet services so that what you want gets done. When the magic has happened the bttn servers notify your **bttn** that the deed is done.

Want to integrate **bttn** functionality with your existing service?

[Get in touch](#)

Features

- DESIGN**
Elegantly beautiful, sleek design with an intuitive interface. Durable anodized aluminum in choice uses of LE-16 and your choice of color and finish make August both elegant and discreet.
- INSTALLATION**
August works independently of your home internet service. Robust Bluetooth technology syncs your phone directly with your August lock.
- NO BATTERIES**
There's no need for any of the smart August - it uses standard batteries. That means your lock stays on even if electricity goes down. Sensors will let you know, with indicators, and remind you when the batteries need replacing.
- UNIVERSAL**
Packaging includes standard attachment adapters for 2000-module standard deadbolt lock body.



Questions

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