Connecting the Wireless Health Network

Vicki Smith

Global Strategy & Market Development

Our Mission

Mobilize healthcare.

Our Vision

A world with access to healthcare anytime, anywhere.

Mobile Technology: World's most ubiquitous platform

More people have access to cell phones than drinking water, electricity or a toothbrush

MOBILE DEVICES HAVE OVERTAKEN WORLDWIDE POPULATION*

*Source: IMS Report: *The World Market for Internet Connected Devices, 2012.*

Healthcare is a Critical Global Issue

Chronic Disease
860M

Obesity
400M

Aging
600M

Compliance
$300B*

300M people in NA & EU have at least 1 chronic disease:

84%
Health spending is toward chronic conditions

60%
With 2 or more chronic diseases

25%
Benefit by wireless home monitoring

50%
Benefit by handset integration w/existing devices

Qualcomm Life Wireless Health Ecosystem

Research & Education

National Institutes of Health
mHealth Summer Institute
Partner

Wireless Health UCLA
Partner

Scripps Translational Science Institute
Partner

USC Wireless Health
Masters Degree

Stanford biodesign for Mobile Health
Partner

Gary & Mary West Wireless Health Institute
Founding Technology Partner

USC Body Computing
Sponsor

The Scripps Research Institute
Qualcomm Scholar
MD Masters Degree

Case Western Reserve University
Wireless Health
Masters Degree
Qualcomm Campus

Trade Organizations

Wireless-Life Sciences Alliance
Founder & Board Chair

ATA
Board Member

Innovation

GSMA
University Challenge

Rock Health
Founding Corporate Partner

Qualcomm Tricorder X Prize

Investments

Qualcomm Life Fund
Sotera, Telcare, AliveCor, Noom, DuoFertility & AirStrip

Lifecomm
Founding Board Member

Wireless Reach from Qualcomm
Qualcomm Grant Program

Qualcomm Wireless Health Pavilions

HiMSS

mHealth Summit
Founding Sponsor

MEDICA

ATA

Government Affairs

mHealth Alliance
Strategic Advisor

Global eHealth Ambassadors Programme
Ambassador

World Economic Forum
Health & Healthcare Industry, Project Steering Board & Working Group

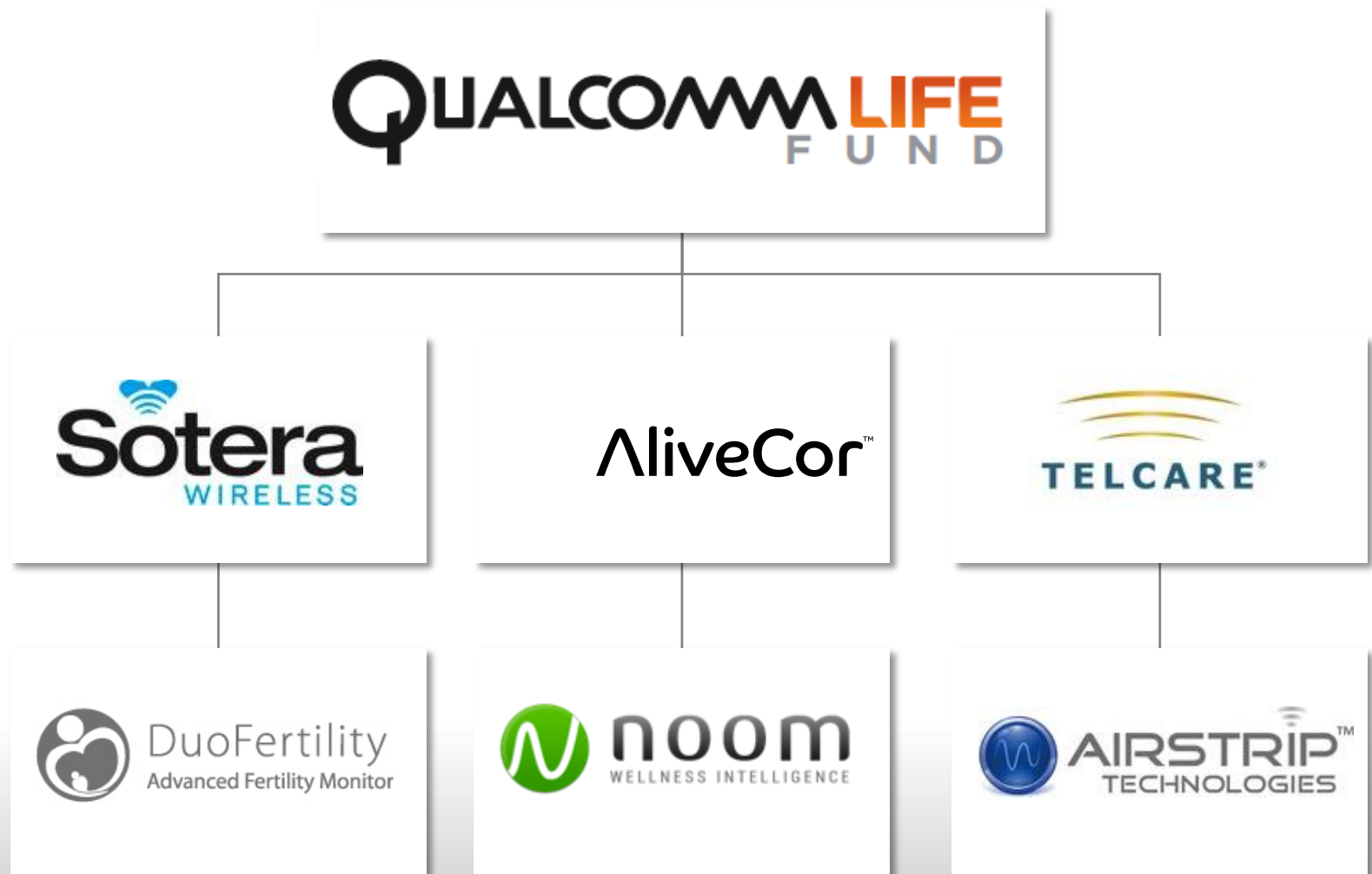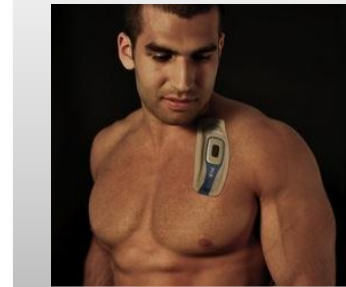**mHealth Regulatory Coalition**
Founding Member

Standards

Continua Health Alliance
President & Board Chair

$100 Million to Accelerate Wireless Health

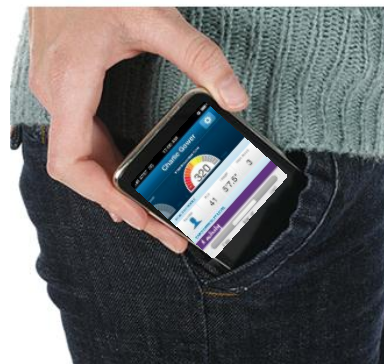# Cardiology. Mobilized.

Diabetes. Mobilized.

Early Medical Self Management Device: Blood Glucose Meter

Self Care

BGM in Patient's pocket

Manage Insulin / Carbs / Exercise

Test / Acquire Data

React

2net™ *Platform*
by Qualcomm Life

CONSUMERS

INSURERS

DATA AND ANALYTICS MARKETPLACE

HEALTH SERVICE PARTNERS

CONNECTING HEALTHCARE DEVICES AND SENSORS TO THE NET

2net Platform: Informatics Engine

Easy access to device data, mash up data across devices and data sources

DEVICE DATA

APP DATA

BACK END/
SERVER DATA

2net™ *Platform*
by Qualcomm Life

DECREASED
HEALTH COSTS

IMPROVED
HEALTH OUTCOMES

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The Qualcomm Foundation Sponsors

Accessible   Understandable   Integrated   Trusted   Scalable
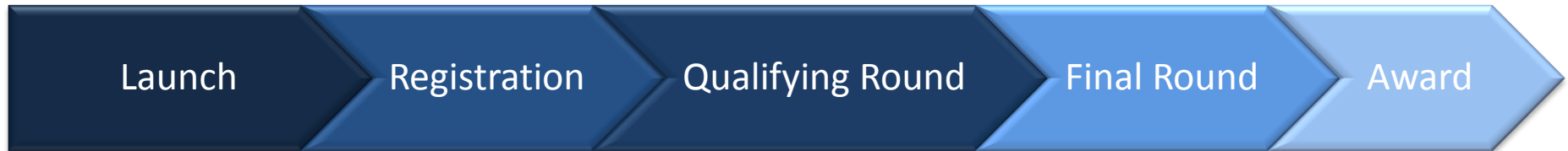
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Competition & Event Summary

Launch	Registration	Qualifying Round	Final Round	Award

January 2012:   Launch @ CES
November 2012 - September 2013:   Team Registration
December 2014 - March 2015:   Consumer Testing
April 2015:   Award Ceremony

Topology of Prize Solutions

Collection and Processing Block

Transmission Block

- Software
- Bio-Sensors
- Bio-Sensors
- Bio-Sensors
- Other?

Embedded Processor-Based Portable Medical Device

(Includes sensor Interface, processor, Memory, User I/O - U/X and Power)

- ZigBee IEEE 802.15.4
- Bluetooth
- Sub-1 GHz ISM RF
- 2.4 HGz ISM RF
- 2G / 3G / 4G

CLOUD

EMR Systems

Clinical Knowledge DB

Expert Systems

Potentially Embedded

More Than 245 Teams from 33 Countries
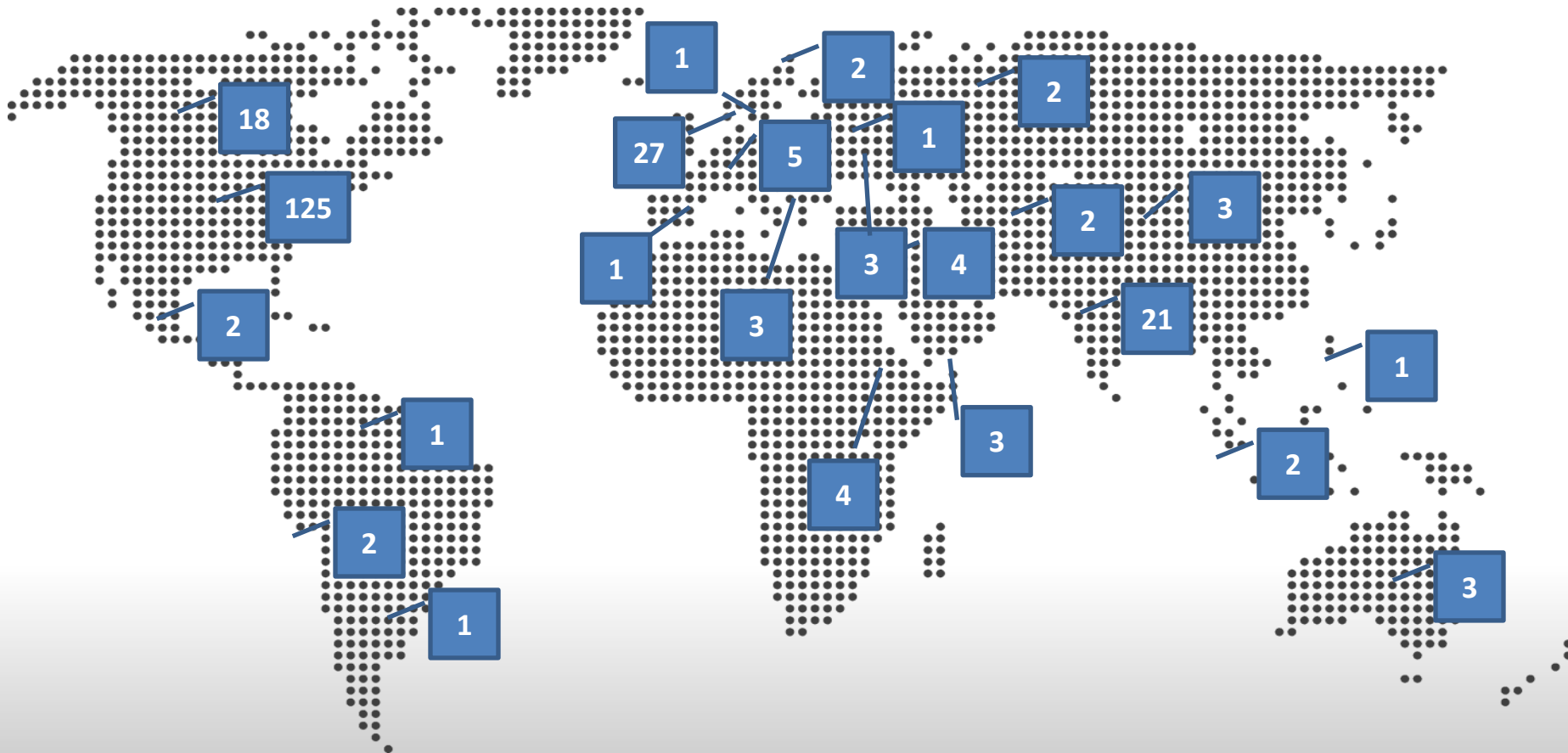
Thank You

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