Continua Health Alliance
The Next Generation of Personal Telehealth is Here

Ambient Assisted Living Forum, September 2010

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"Our Mission is to establish an ecosystem of interoperable personal health systems that empower people & organizations to better manage their health and wellness"

The Continuum of Care

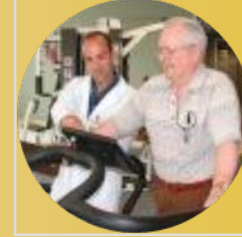Infant

Amateur Athlete

Diet/Fitness Focused

Worried Well

Chronic Patient

Acute Recovery

Elderly Living Independently

CONTINUUM of LIFE

Continua Health Alliance enables a personal health eco-system that empowers individuals & families to better manage their own health and wellness across the continuum of life and care methods.

CONTINUUM of CARE GIVERS

New Parents

Fitness Wellness Coach

The Family

Home Nursing Professional

Doctor/NP/Nurse

Continua Use Cases
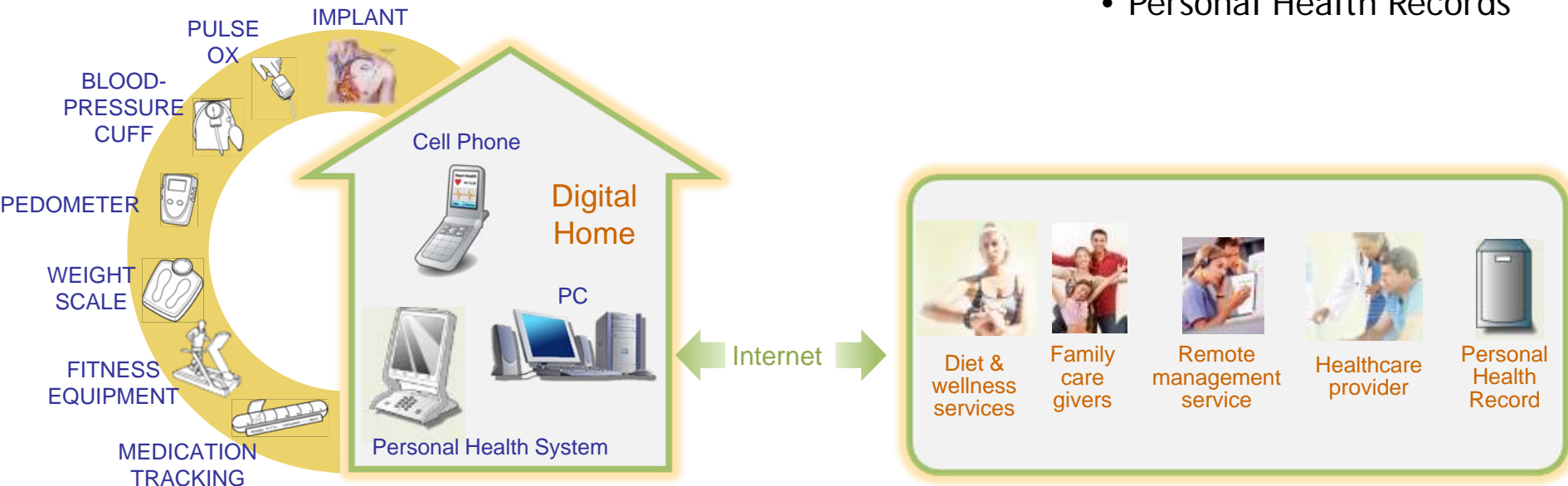
Disease Management
- Remote Patient Monitoring
  - Weight
  - Blood pressure
  - Glucose
  - Temperature
  - Spirometer data
- Wireless Network

Aging Independently
- Medication Compliance
- Assisted Daily Living
  - Bed pressure (sleep)
  - Bathroom sensor
  - Gas / water sensor
  - Emergency sensor

Health & Wellness
- Weight loss
- Fitness
- "Worried Well"
  - Weight
  - Blood pressure
  - Glucose
  - Cholesterol
  - Activity level
- Personal Health Records

PULSE OX

IMPLANT

BLOOD-PRESSURE CUFF

PEDOMETER

WEIGHT SCALE

FITNESS EQUIPMENT

MEDICATION TRACKING

Cell Phone

Digital Home

PC

Personal Health System

Internet

Diet & wellness services

Family care givers

Remote management service

Healthcare provider

Personal Health Record

Promoter Members

Open International 230+ Companies

Interfaces & Standards

Continua HEALTH ALLIANCE

Personal Device

- Independent Living Activity
- Pulse Oximeter
- Pulse / Blood Pressure
- Weight Scale
- Glucose Meter
- Cardio / Strength
- Thermometer
- *Peak Flow*
- Adherence Monitor
- *Physical Activity*
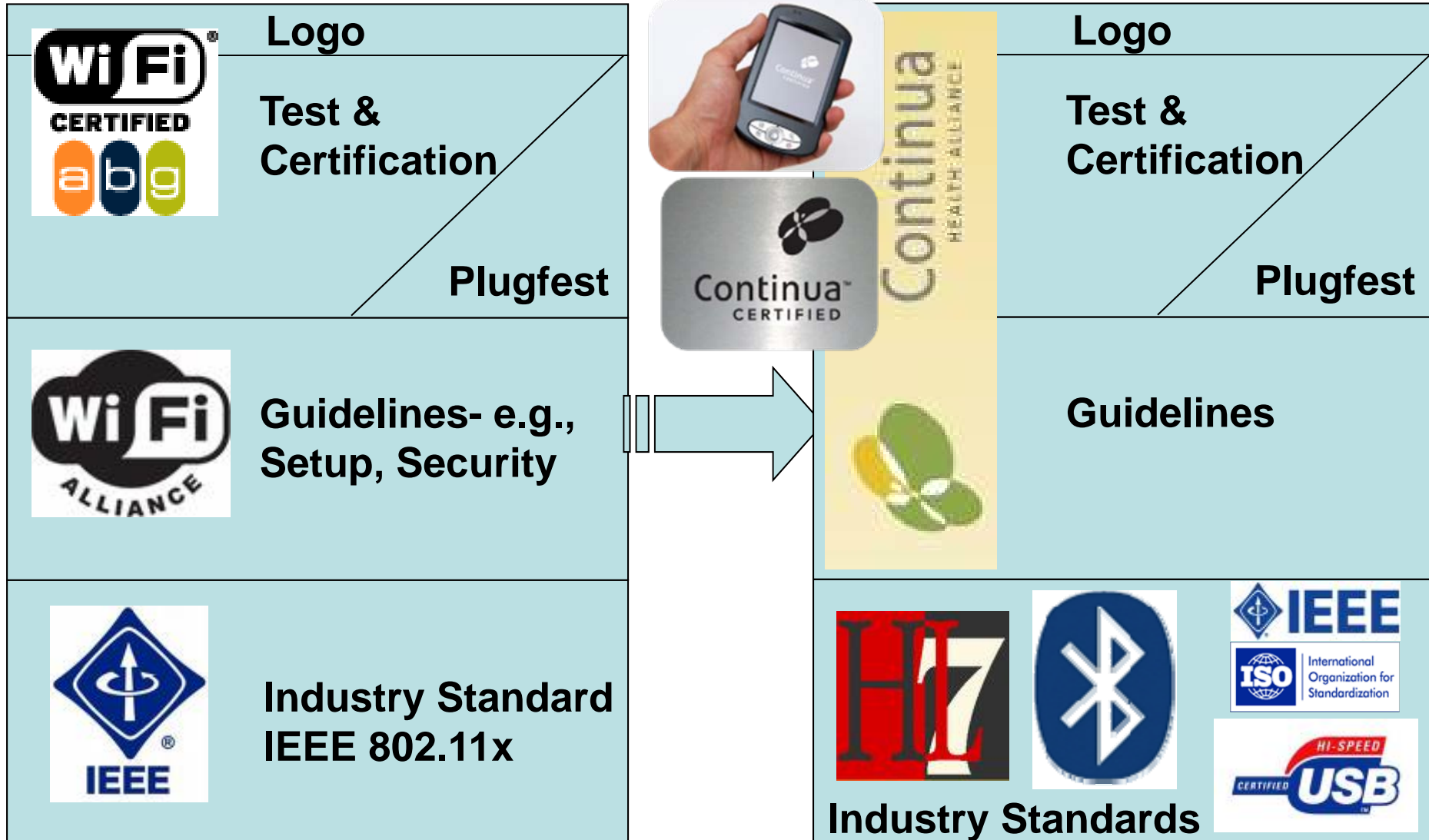- *Insulin Pump*

- Pendant/Panic event
- Smoke detector
- Fall detector
- Movement detector
- Property exit sensor
- Carbon monoxide
- Temperature sensor
- Enuresis sensor
- Bed occupancy sensor
- Chair sensor
- Medication minder

ISO **IEEE**

Aggregation Manager

Local Area Network (LAN) Interface
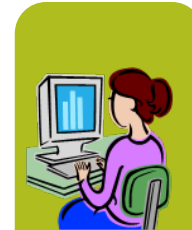
ZigBee

Bluetooth

USB

Personal Area Network (PAN) Interface

IHE HL7

W3C

Wide Area Network (WAN) Interface

Telehealth Service Center

HL7

IHE

Health Record Network (HRN) Interface

Health Records

EHR

PHR

Continua Certified™ Products

Bluetooth™ Stack

Continua Health Alliance device certification does not mean or imply that the device is legally marketable in any country; certification only assures that devices communicate in a standard fashion per Continua certification requirements and Guidelines. Refer to the device manufacturer or country Health Authority for specific details associated to device marketability or usage.

Continua HEALTH ALLIANCE

Networking
Working Groups
Summits

Connect Purchasers / Suppliers
Demonstration Opportunities
RFP Matchmaker
Event Representation
Website Representation

Development Tools
Guidelines
Source Code (CESL)
Test Tool
Plugfests
Test and Cert Program

Market Information
Industry Analysis
Education

Belfast, *June 2010*

Brussels, *December 2010*

Berlin, *September 2010*

Barcelona, *March 2010*

Renewing Health Project
Remote Patient Monitoring for 7,800 patients in 9 European regions
Continua runs the Industry Advisory Board

Smart Personal Health project
Promotion of PHS interoperability in Europe
Continua partners with IHE, ETSI, empirica, The Centre

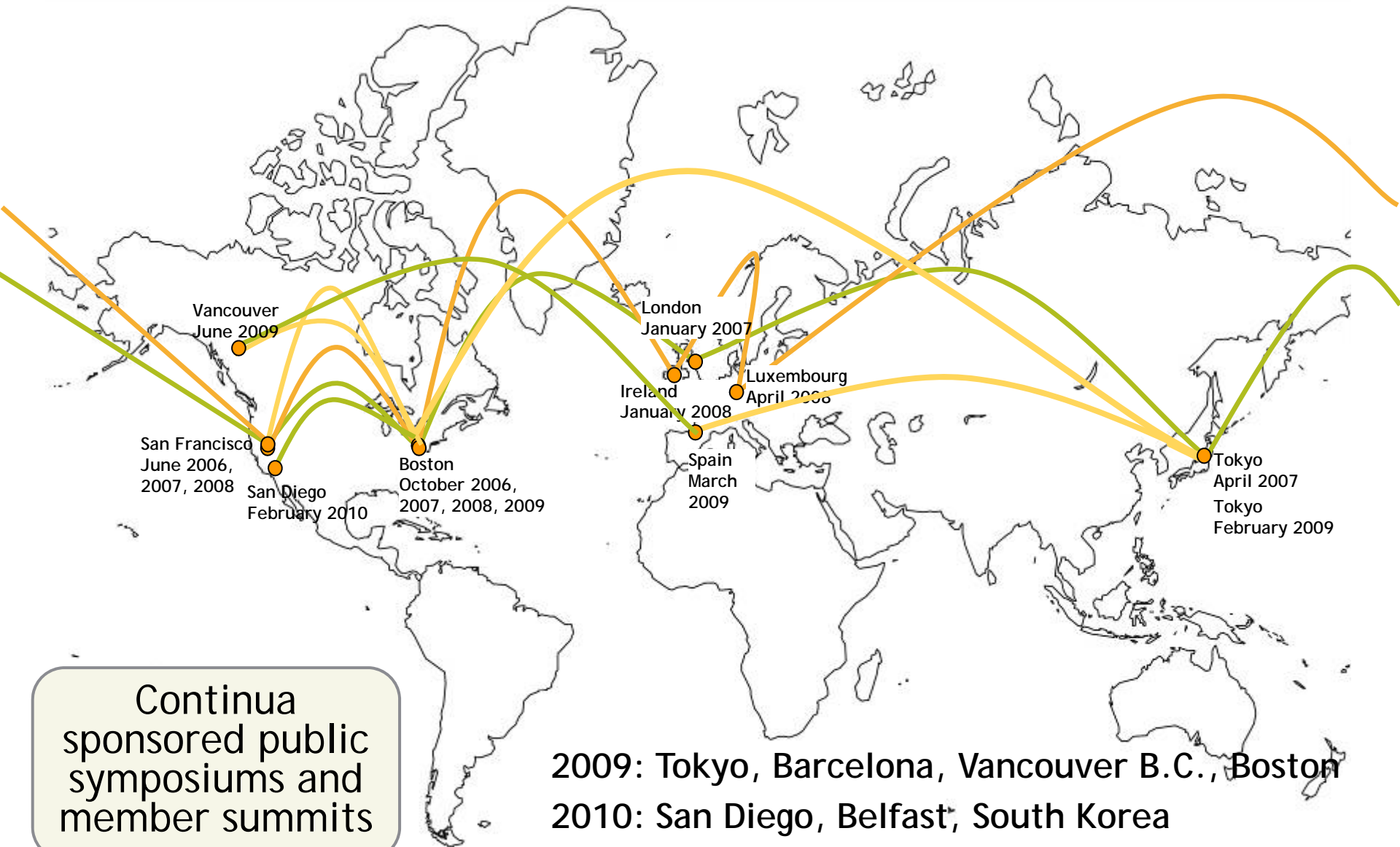## 2009 Announcement

2010 Continua Certified Products

Building Awareness Around the World…

Vancouver
June 2009

London
January 2007

Luxembourg
April 2008

Ireland
January 2008

San Francisco
June 2006,
2007, 2008

San Diego
February 2010

Boston
October 2006,
2007, 2008, 2009

Spain
March
2009

Tokyo
April 2007

Tokyo
February 2009

Continua
sponsored public
symposiums and
member summits

2009: Tokyo, Barcelona, Vancouver B.C., Boston
2010: San Diego, Belfast, South Korea

- <u>Simplicity</u> vice Complexity

- <u>International</u> vice Regional

- <u>Expediency</u> vice Additional Capability

- <u>Interoperability</u> vice Flexibility

- <u>Guidelines</u> vice <u>Standards</u>

Focus on Individual

Industry Standards

End to End Architecture

Thank you!