

1st Invitational Workshop Workshop on
Body Area Network Technology and Applications
Future Directions, Technologies, Standards and Applications
June 19-20, 2011
Worcester Polytechnic Institute

## **Continua Health Alliance**BAN Technology and Application Workshop

Anthony Delli Colli Co-Chairperson, Market Adoption Working Group VP, Marketing, Elbrys Networks







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

#### Open International

#### **Promoter Members**



















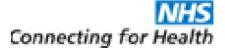
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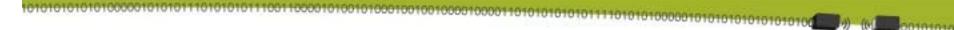




# Over 230 Member Companies!

#### **Contributor Members**

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#### The Challenge & The Opportunity

- Worldwide today:
  - 1 billion adults overweight
  - 860 million chronic disease patients
  - 600 million eldersage 60 or older
  - 75-85% of healthcare spending is on chronic disease management











#### Continua's 3 Domains of Health

Health & Wellness



Chronic Condition Management



Living Independently Longer







#### **Interfaces & Standards**



#### Guidelines $\rightarrow$ Certification $\rightarrow$ Recognizable Logo

#### Guidelines

Continua member companies will select connectivity standards and publish Guidelines for strict interoperability.

Certification and Logo

Continua is establishing a test and certification program with a recognizable logo signifying the promise of interoperability with other certified products.

**Product Applications** 



Electronic Media / Software











Product Substrates









Continua

#### First Public Interoperability Demonstration

**Harvard Medical Amphitheater | October 2008** 





#### **Latest Continua Certified™ Products**

#### **Panasonic** ideas for life

Panasonic **TOUGHBOOK** H1 with Blood Pressure Monitor, Cardiov ascular and Weighing Scale device specializations by Bluetooth



Texas Instruments MSP430 **USB Agent Platform** 





**A&D Blood Pressure** Monitor w/ CPX186 Converter Cable



A&D Weight Scale w/ **CYPAK Converter** Cable

A&D Medical

Monitor

**Blood Pressure** 



A&D Medical Weight Scale

A&D Medical





Continua Bluetooth Manager Stack for Windows, manufactured by Toshiba



Continua CERTIFIED





Roche Accu-Chek® Smart Pix Device Reader





**Omron Continua Certified** Weighing Scale with a Body Composition Monitor



Omron Pedometer

Omron Blood **Pressure Monitor** 



Nonin Pulse Oximeter

> Nonin Wireless Fingertip Pulse Oximeter





#### **Key Points**

- Certified interoperable technology provides a standard based approach:
  - Economies of scale
  - Distributed systems approach to managing risk
  - Common tools for collecting and representing data
  - Many devices specializations standardized
  - Integrated data workflows into EMR and PHR



#### **Elbrys Networks**



# Sensor Connected Health Eco-Systems: Ready to Play.



### Thank you!

For more information on the Continua Health Alliance...

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admin@continuaalliance.org

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