Continua Health Alliance
BAN Technology and Application Workshop

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“Our Mission is to establish an ecosystem of personal connected health systems that empower individuals & organizations to better manage their health and wellness”
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The Challenge & The Opportunity

- Worldwide today:
  - 1 billion adults overweight
  - 860 million chronic disease patients
  - 600 million elders age 60 or older

- 75-85% of healthcare spending is on chronic disease management

Source: World Health Organization; McKinsey
Continua’s 3 Domains of Health

- **Health & Wellness**
- **Chronic Condition Management**
- **Living Independently Longer**
Continua Interoperable Telehealth Ecosystem

- **Continua Certified Personal Health Devices**
- **Application Hosting Device**
- **PHR Bridge**
- **HRN Interface**
- **PHR Receiver**
- **HRN Receiver**
- **PAN Server**
- **PAN Client**
- **WAN Sender**
- **HRN Sender**
- **WAN Receiver**
- **HRN Receiver**

- **IEEE PAN/LAN Interface**
- **ISO WAN Interface**

- **HealthVault**
- **Google Health**
- **Personal Health Record Service**
- **Disease Management Service**
- **Implant Monitoring Service**
- **Health Care Service Provider**
- **Diet or Fitness Service**

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Guidelines → Certification → 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.
First Public Interoperability Demonstration
Harvard Medical Amphitheater | October 2008

Device Interface | Heart Failure & COPD | XHR Interface

EHR

Telehealth Service

PHILIPS

Blood Pressure Monitor

Telehealth Service

PHILIPS

Telehealth Service

Google

Health

IBM

EHR

Connecting for Health

Telehealth Service

FitLinx

Telehealth Service

EHR

PARTRNERS

Telehealth Service
Latest Continua Certified™ Products

Panasonic
TOUGHBOOK H1 with Blood Pressure Monitor, Cardiovascular and Weighing Scale device specializations by Bluetooth

Texas Instruments
MSP430 USB Agent Platform

A&D
Blood Pressure Monitor w/ CPX186 Converter Cable

A&D Medical
Blood Pressure Monitor

Continua Bluetooth Manager Stack for Windows, manufactured by Toshiba

Roche
Accu-Chek® Smart Pix Device Reader

Omron
Pedometer

Nonin
Wireless Fingertip Pulse Oximeter

A&D Medical
Weight Scale with a Body Composition Monitor

A&D
Medical Weight Scale

Continua Certified
Blood Pressure Monitor

Nonin Pulse Oximeter

A&D Weight Scale w/ CYPAK Converter Cable

Nonin Wireless Fingertip Pulse Oximeter

Continua Certified
Weight Scale

A&D
Blood Pressure
Monitor

Continua Certified
Blood Pressure Monitor

Continua Certified
Weight Scale

Continua Certified
Blood Pressure Monitor
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…

Sign up for our newsletter
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Visit our website
www.continuaalliance.org