

# Smart Solutions for the Elderly

Watson, IoT, Connected Home



**WATSON**  
Ambassador

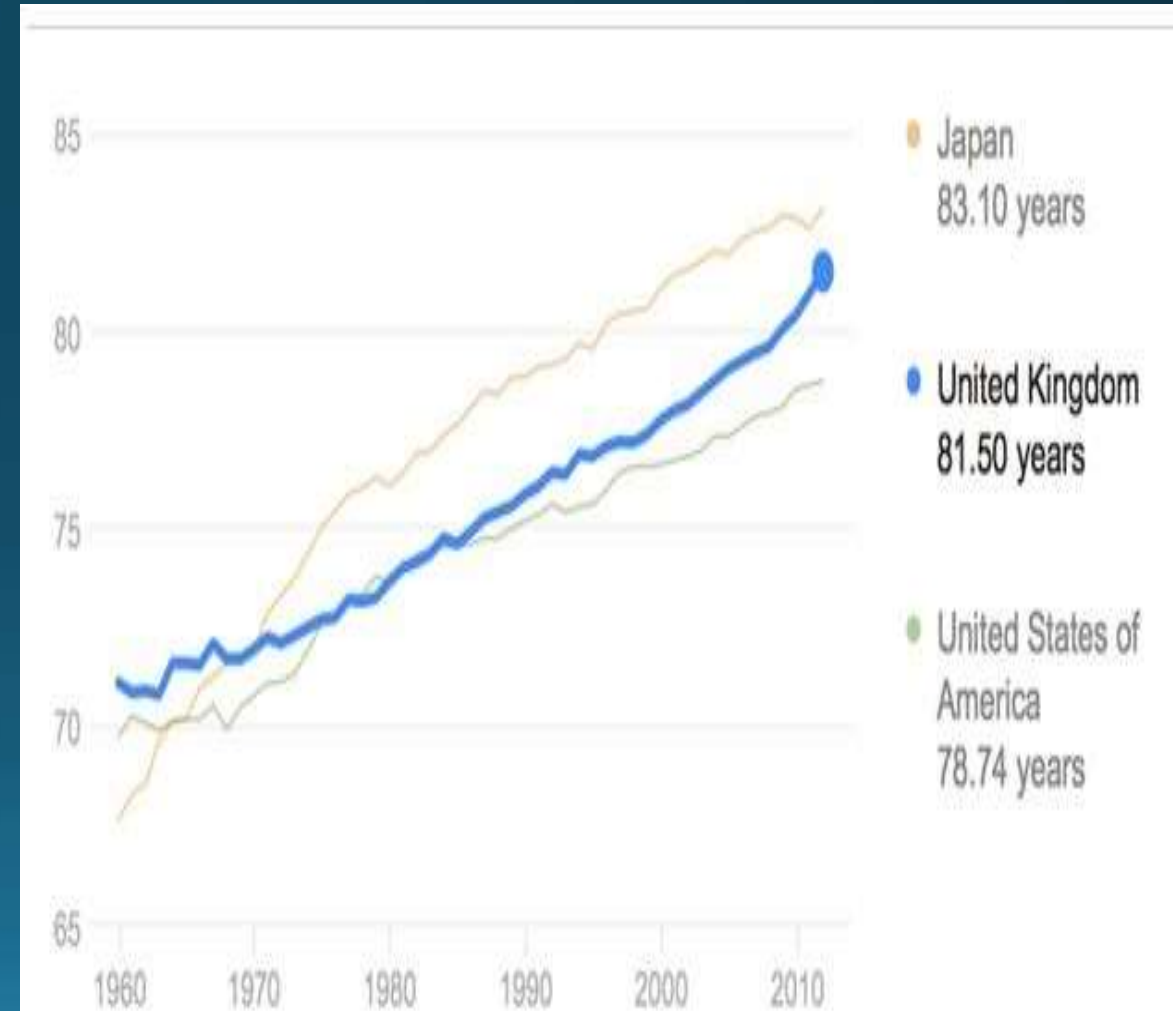
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# Aging

- By 2060, 100M elderly in US
- By 2030, population above 60 grows by 56% worldwide
- Invest in, protect, care for and empower elderly
- Independence + Empowerment:  
Aging in Place
- How can technology help?



# Watson – Cognitive computing

- Applied Augmented Intelligence
- Consumable components
- Cloud platform

- 3<sup>rd</sup> era



INVEST,  
EMPOWER,  
PROTECT  
CARE

# Watson Health

- Diagnosis
- Treatment options
- Genomics -  
Personalized medicine
- Health cloud

CARE



# Watson Customer Engagement

- Natural interaction
- Understands language, intent and sentiment
- Communicates intelligently
- Delivers expert knowledge in a natural way

EMPOWER



# Watson IoT Platform

- Interaction with the physical world
- Sensors, smart devices, data, decision
- Scalable, secure background platform for smart solutions



PROTECT  
EMPOWER

# Smart Home

- By 2022, 500 sensors and devices in a home
- Senses voice, sound, smell, sight, touch
- Has a personality
- Monitor wellness and behavior patterns
- Smart House

CARE  
PROTECT



# Watson IoT – Not Alone at Home

- Bolzano, ITA. 23% is over 65
- Aging-at-home
- No extra social facilities
- “Transparent monitoring”
- 40% of 70M budget is for eldercare





# MERA – Multi-purpose Eldercare Robot Assistant

- Vitalsign
- Companion
- Rice University, TX
- Sole Cooperativa, ITA

CARE  
PROTECT

