



# ICT Applications and Ageing Societies

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# SILVER ICT Applications

**Silver industries will grow to \$27 trillion by 2050**



## HOME ELECTRONICS

Smart home  
(supportive housing)  
Sensors by bed  
occupancy and nightlight  
Home safety alerts and  
GPS  
OASIS (open  
architecture for sensor)  
Remote for single living  
sensors  
Environmental controls  
Cooker safety  
Home treatment



## HEALTHCARE

Telehealth (e-health)  
Health information  
management  
Telecare  
Just checking  
Robot care (Robot)  
Service innovation in  
hospital  
Dreaming (nursing  
home)  
E-carte  
Client monitoring  
system



## LIFESTYLE

E-inclusion  
Ambient assisted living  
Online shopping  
Net reservations with  
touch panel  
E-banking & e-payment  
ICT ethics for ageing  
TV-seniority and programs  
for the elderly  
Social alarms  
Social communication  
technologies  
Senior net talking  
Easy call, easy mobile and  
easy PC

# Driverless Cars



Image Source: Google Self-Driving Car Project

# Driverless Cars



Image Source: AP Images



# Robotic Caregivers



Image Source: European Commission, Digital Agenda for Europe

# Robotic Companions and Pets

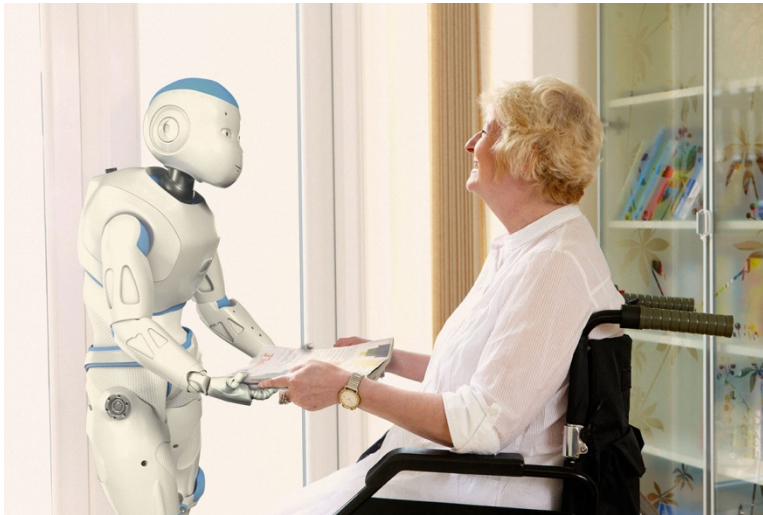


Image Source: Projet Romeo, Aldebaran Robotics



Image Source: BBC News



# Smartphone Applications for the Elderly and Disabled



IS01 by SHARP

au



IS02 by TOSHIBA

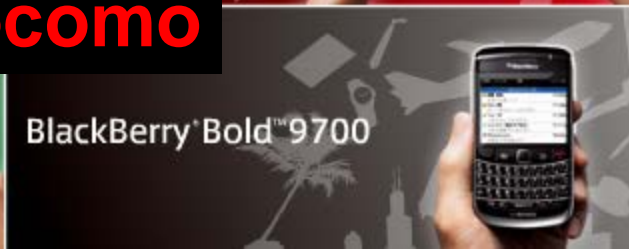
HTC Desire  
SoftBank  
X06HT



Softbank



docomo



TOUCH DIAMOND

# E/M/T/D-HEALTH for Elderly/Disabled Healthcare for ageing/ handicapped communities (Electronic/Mobile/Tele/Digital)

- remote monitoring
- wireless medical prescriptions
- emergency room
- mobile hospital applications
- electronic medical records
- measurement, storage and transmission of patients' health statistics
- Smart Homes for ageing and handicapped patients





# Government Actions



Image Source: 2015 White House Conference on Aging