Type: Entertainment Robot

Company: Sony Research Project: Target Group: young people / children Technology Readiness: 10-Commercial Reference Link: http://www.sony-aibo.com Country: **JP** Year: **2006** est. Price: **approx. 2500€**

AIBO

Description:

Entertainment robot that resembles the look and behavior of a dog. Although over 150.000 units were sold worldwide, the product was discontinued in 2006 because of poor profit.



http://www.sony-aibo.com

Application Domain:

Entertainment

AAL Robot Features:

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- ✗ is capable of visible motion
- ×has sensors and actuators
- × makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Robotic Manipulation

ASIBOT

Company:			
Research Project:	Year:		
-	est. Price:	n.a	
Target Group:	impaired people		
Technology Readiness:	7-System prototype demonstration in an operational environment		
Reference Link:	http://roboticslab.uc3m.es/roboticslab/robot/asibot		

Description:

ASIBOT is a manipulator robot with 5 DOF, about 10 kg of weight, 1.3 m of reach and 2 kg of payload. The feature that makes the robot unique is the fact that all the control system is on-board. It needs only 24V external power supply for start working. This is why the robot is totally portable with the weigh and size (after homing) that permit them to be transported, for example, as a hand bag in the airplanes. The climbing ability of the ASIBOT transforms it into a mobile robot able to move in domestic and office structural environments.

The robot applications are oriented mainly to domestic assistive task for elderly and diseased people. The applications that have been tested in real environments and with real patients are: eating, drinking, shaving, make up, tooth cleaning, etc. The robot is under testing in the National Hospital for Tetraplegics in Toledo now.

Application Domain:

Personal Care Support Physical Support



http://roboticslab.uc3m.es/roboticslab/robot/asibot

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living

×is capable of visible motion

×has sensors and actuators

- × makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Robotic Mobility Aid

Aufstehlifter AKS TORNEO

Company:AKSResearch Project:impaired peopleTarget Group:impaired peopleTechnology Readiness:10-CommercialReference Link:http://www.aks.de/sites/torneoii.html

Country: **GER** Year: **2012** est. Price: **2300€**

Description:

The active hoist, aks-torneo II, is designed for users with residual mobility. The movement of the patient is optimally supported through the hoist.



http://fruehwaldfiles.web-tech.at/1293.jpg

Application Domain:

Mobility Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living

x is capable of visible motion

×has sensors and actuators

- makes sensor/knowledge-based decisions
- motion in two or more axes

Type: Rehabilitation Robot

Auto Ambulator

Company:	HealthSouth Corporation	Country: Year:	
Research Project:		est. Price:	
Target Group:	impaired people		
Technology Readiness:	10-Commercial		
Reference Link:	http://www.healthsouth.com/experience-headifference/leading-technology/autoambulate		e-healthsouth-

Description:

Supports patients suffering from stroke, spinal cord injury, Multiple Sclerosis and Parkinson's Disease, which often have a hard time walking. A popular therapy, BWSTT (body-weight supported treadmill traning) attempts to retrain a patient's mind and muscles to walk properly.



http://www.pearltrees.com/physiofirst/neurorehabilitation/id12030371/item138098111

Application Domain:

Rehabilitation Support

AAL Robot Features:

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- ×improves/maintains independent living
- x is capable of visible motion
- ×has sensors and actuators
- ×makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Personal Care Robot

Bestic

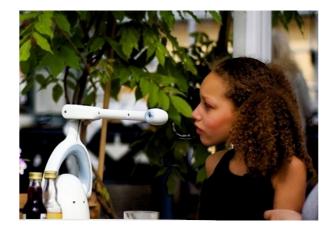
Company:	Bestic
Research Project:	
Target Group:	impaired people
Technology Readiness:	10-Commercial
Reference Link:	http://www.besticinc.com/home/

Country: SE Year: 2013 est. Price: n.a.

Description:

Bestic can best be described as a small, robotic arm with a spoon in the end that can easily be maneuvered.

By choosing a suitable control device, the user can independently control the movement of the spoon on the plate and choose what and when to eat.



http://www.informationweek.com/mobile/10-medical-robots-that-could-change-healthcare/d/d-id/1107696?page_number=5

Application Domain:

Physische Unterstützung Personal Care Support Physical Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 ximproves/maintains independent living

Type: Fetch & Carry Support

Company:	Savioke	Country:	
Research Project:		Year: est. Price:	
Target Group:	general public		
Technology Readiness:	9-Actual system proven through successful mission operations		
Reference Link:	http://www.savioke.com		

Description:

Butler for hotel chain. Delivers small items autonomously from the reception to the rooms



http://www.savioke.com

Application Domain:

Fetch & Carry

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ×improves/maintains independent living
- is capable of visible motion
 kas sensors and actuators
- ×makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Household Robot

Company:	iRobot
Research Project:	
Target Group:	general public
Technology Readiness:	10-Commercial
Reference Link:	http://www.irobot.at/

Country: **US** Year: **2010** est. Price: **300€**

Description:

This cleaning device wipes floors with wet or dry tissues.



http://www.irobot.at/Shop/Robots/Braava/300-Serie/iRobot-Braava-320-Floor-Mopping-Robot

Application Domain:

Haushaltstätigkeiten Cleaning Housekeeping Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ▼improves/maintains independent living

x is capable of visible motion
 x has sensors and actuators

- ×makes sensor/knowledge-based decisions
- ×motion in two or more axes

potenziAAL

Braava

Type: Fetch & Carry Support

Budgee for assistive living

Company:Five Elements RoboticsResearch Project:Target Group:Target Group:older adultsTechnology Readiness:10-CommercialReference Link:http://5elementsrobotics.com

Country: US Year: 2014 est. Price: 1545 USD

Description:

Budgee follows you with a bag, in which you place your items. You can take Budgee shopping or for excursion - it will follow you around and keep your hands free from heavy carrying.



http://www.33rdsquare.com/2014/01/simple-and-effectivebudgee-robot-is.html

Application Domain:

Fetch & Carry

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Type: Companion Robot

Care-O-bot 4

Company:	Fraunhofer IPA Country:	GER	
Research Project:	Year: est. Price:		
Target Group:		-150.000€	
Technology Readiness:	7-System prototype demonstration in an operational environment		
Reference Link:	http://www.care-o-bot.de/		

Description:

Care-O-bot 4 is the product vision of a mobile robot assistant to actively support humans in their daily life. It can be used for a variety of household tasks, for example to deliver food and drinks, to assist with cooking or for cleaning.



http://www.care-o-bot.de/

Application Domain:

soziale Unterstützung, Kommunikation Physische Unterstützung Communication & Social Support Fetch & Carry Cognitive / Emotional Support Entertainment Monitoring of Health, Security or Safety

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Type: Companion Robot

CareBot

Company:	Geckosystems	Country:	
Research Project:		Year: est. Price:	2009 18500 USD
Target Group:	older adults		
Technology Readiness:	7-System prototype demonstration in an operational environment		
Reference Link:	http://www.geckosystems.com		

Description:

The CareBot is designed as a companion robot that supports older users at home and was the first eldercare assistance robot to be tested in an actual home environment.



http://www.geckosystems.com

Application Domain:

Entertainment

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- x is capable of visible motion
- ×has sensors and actuators
- × makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Household Robot

PetNovations Ltd.
general public
10-Commercial
http://www.catgenie.com

Description:

self-cleaning toilet for cats.

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	-			N Par
(
and a		-		1200

http://www.robotshop.com/en/petnovations-catgenie-120-selfflushing-washing-cat-box-tabby.html

Application Domain:

Haushaltstätigkeiten Cleaning Housekeeping Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors ×improves/maintains independent living
- is capable of visible motion
- ×has sensors and actuators
- × makes sensor/knowledge-based decisions
- motion in two or more axes

Catgenie

Country: Israel Year: 2006 est. Price: **419 €**

Type: Rehabilitation Robot

ССРМ

Company:	FERROBOTICS Country: AT
Research Project:	Year: 2013 est. Price: n.a.
Target Group:	impaired people
Technology Readiness:	10-Commercial
Reference Link:	http://www.ferrobotics.at/en/products/medical-technology/ccpm.html

Description:

This CCPM line detects eventual pain reactions of the patient, gives in and integrates them intuitively into the therapy. This very new CPM generation performs with humanlike feeling competence. Beyond the so-far limits in the automated physiotherapy CCPM optimizes both, economical efficiency and therapy quality.



http://www.ferrobotics.at/en/products/medicaltechnology/ccpm.html

Application Domain:

Rehabilitation Support

AAL Robot Features:

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- ×improves/maintains independent living
- ✗ is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Personal Care Robot

Company:	Sereneti Country:	US	
Research Project:	Year:		
-	general public est. Price:	n.a	
	6-Model or prototype demonstration in a relevant environment		
Reference Link:	http://www.gizmag.com/cooki-robotic-chef/35510/		

Description:

Cooki is a self-contained unit that comprises a small robotic arm positioned above a cooking pot that sits atop an induction cooktop. After selecting your desired recipe from the companion app on an Android or iOS device, you're prompted to load the relevant trays of fresh, ready-tocook, pre-portioned ingredients into the side of the device.

http://www.gizmag.com/cooki-robotic-chef/35510/

Application Domain:

Personal Care Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ximproves/maintains independent living
- is capable of visible motion
 has sensors and actuators
- ×makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Fetch & Carry Support

CoRo Platform

Company:		-	
Research Project:	Robot-ERA Y est. Pr		2014 n.a
Target Group:		00.	ma
Technology Readiness:	6-Model or prototype demonstration in a relevant environment		
Reference Link:	http://www.robot-era.eu/robotera/		

Description:

carrier robot for indoor usage



http://www.robot-era.eu/robotera/

Application Domain:

Fetch & Carry

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Type: Companion Robot

Company:Country:ITResearch Project:Robot-ERAYear:2014Target Group:older adultsn.aTechnology Readiness:6-Model or prototype demonstration in a relevant environmentmentReference Link:http://www.robot-era.eu/robotera/test. Price:test. Price:

Description:

Domestic robot for usage at home or in sheltered housing. Supports older users with several different applications.



http://tams-www.informatik.uni-hamburg.de/projects/robotera/index.php

Application Domain:

Housekeeping Support Communication & Social Support Monitoring of Health Security or Safety Fetch & Carry

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions
 x motion in two or more axes

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DoRo

Type: Fetch & Carry Support

Company:	-	
Research Project:	Year: est. Price:	
Target Group:	general public	
Technology Readiness:	2-Technology concept and/or application formulated	
Reference Link:	http://www.techhive.com/article/252138/meet_the_robo luggage_that_follows_you_like_a_dog.html	tic_

Description:

suitcase on wheels, responds to sender that is worn by the user (not a serious product)



http://www.techhive. com/article/252138/meet_the_robotic_luggage_that_follows_y ou_like_a_dog.html

Application Domain:

Haushaltstätigkeiten Mobility Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living

× is capable of visible motion

×has sensors and actuators

- x makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Companion Robot

Florence

Company:		
Research Project:	Florence Year: est. Price:	
Target Group:		n.a
Technology Readiness:	6-Model or prototype demonstration in a relevant enviro	onment
Reference Link:	http://www.florence-project.eu/	

Description:

The project aims to create a low-cost solution which is technically feasible with the current state of technology. The Florence robot is a wheel-based, 1,5 meter heigh, screen-based robot with no arms. Sensor input is based on a 2D laser scanner, 3D structured light (kinect) and an (optical) camera. The robot software is based on the Robotic Operating System (ROS) – the emerging de facto standard in robotic software. In addition, the project focuses on a scalable platform-based approach that enables the addition/extension of 3rd party applications.



http://www.florence-project.eu/

Application Domain:

Communication & Social Support Monitoring of Health, Security or Safety Cognitive / Emotional Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors

ximproves/maintains independent living

Type: Robotic Mobility Aid

FRIEND

	IAT Uni Bremen Co	ountry: Year:	GER 2003-2012
Research Project:	est.	Price:	n.a
Target Group:	impaired people		
Technology Readiness:	9-Actual system proven through successful mise	sion op	erations
Reference Link:	http://www.iat.uni-bremen.de/sixcms/detail.php?	'id=1090)

Description:

The assistive robot FRIEND (Functional Robot arm with user-frIENdly interface for Disabled people) is a semiautonomous robot to support users with handicaps and older users. The robot was developed at the University of Bremen in the course of several research projects over a time span of approx. 10 years.



http://www.iat.uni-bremen.de/sixcms/detail.php?id=1090

Application Domain:

Mobility Support Physical Support Manipulation Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ▼improves/maintains independent living
- ✗ is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Telepresence Robot

Company:	Giraff Technologies	Country:	
Research Project:	Giraffe+, Excite	Year: est. Price:	
Target Group:	older adults	est. Phice.	n.a
Technology Readiness:	8-Actual system completed and qualified th	rough test a	nd
Reference Link:	http://www.giraff.org/?lang=en		

Description:

The robot uses a Skype-like interface to allow e.g. relatives or caregivers to virtually visit an elderly person in the home. The robot is embedded into a smart-home environement which uses sensors to measure medical and environmental parameters.



http://www.informationweek.com/mobile/10-medical-robots-that-could-change-healthcare/d/d-id/1107696?page_number=2

Application Domain:

soziale Unterstützung, Kommunikation Communication & Social Support Monitoring of Health, Security or Safety

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 ximproves/maintains independent living

x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions
 x motion in two or more axes

Giraff

Type: Robotic Mobility Aid

Google Car

Company:	Google Inc.	Country:	US
Research Project:		Year:	
		est. Price:	n.a
Target Group:	general public		
Technology Readiness:	8-Actual system completed and qualified th	rough test a	nd
Reference Link:	http://www.google.com/selfdrivingcar/		

Description:

autonomous car that drives without intervention of the user.



http://recode.net/2014/05/27/googles-new-self-driving-carditches-the-steering-wheel/

Application Domain:

Mobility Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ximproves/maintains independent living
- x is capable of visible motion
 x has sensors and actuators
- x makes sensor/knowledge-based decisions
- \mathbf{x} motion in two or more axes

Type: Household Robot

Description:

to-use and fun to watch

Company:Grillbot, LLCResearch Project:Target Group:Target Group:general publicTechnology Readiness:10-CommercialReference Link:http://grillbots.com

The grillbot does all the grill cleaning for you. No more scrubbing! A grillbot is easy-

Country: US Year: 2014 est. Price: 129USD



http://grillbots.com

Application Domain:

Housekeeping Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living

x is capable of visible motion

×has sensors and actuators

- x makes sensor/knowledge-based decisions
- ×motion in two or more axes

Grillbot

Type: Robotic Mobility Aid

Guido

Company:	Haptica	Country:	
Research Project:		Year: est. Price:	2012 yet unkown
Target Group:	older adults		
Technology Readiness:	6-Model or prototype demonstration in a rel	evant enviro	onment
Reference Link:	http://www.rehab.research.va.gov/jour/00/37	7/6/lacey376	.htm

Description:

The Pam-Aid looks like a closed-front walker on wheels and has bicycle-type handlebars. The person walking behind the device turns the handlebars, causing the wheels to turn. If the ultrasonic sensors detect an obstacle in front of it, the brakes prevent the user and device from colliding with it.



Figure 1. Front view of Guido robotic walker.

http://www.rehab.research.va.gov/jour/08/45/9/Rentschler.html

Application Domain:

Mobilität Mobility Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Type: Personal Care Robot

Handy 1

Company:	RehabRobotics Country: UK
Research Project:	Year: 1987 est. Price: n.a.
Target Group:	impaired people
Technology Readiness:	10-Commercial
Reference Link:	http://www.emeraldinsight.com/doi/abs/10.1108/01439919810232459

Description:

The Handy 1 was developed in 1987 by Mike Topping to assist an 11 year old boy with cerebral palsy to eat unaided. The system is a low-cost, commercially available robotic system capable of assisting the most severely disabled with several everyday functions such as eating, drinking, washing, teeth cleaning, shaving and makeup application



http://robotnews.wordpress.com/2006/04/03/handy1rehabiliation-robot-for-the-severely-disabledhelping-you-to-eatand-drink-and-brush-and-even-do-make-up-2/

Application Domain:

Physische Unterstützung Personal Care Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ximproves/maintains independent living
- ×is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Companion Robot

Hector

Company:		Country:	
Research Project:	Companionable	Year: est. Price:	
Target Group:	older adults		
Technology Readiness:	7-System prototype demonstration in an o	perational en	vironment
Reference Link:	http://www.companionable.net		

Description:

This prototype is developed in a series of German national and EU funded reserach projects and represents a typical socially assistive mobile platform to support older adults at home.



http://www.plasticpals.com/?attachment_id=33946

Application Domain:

Cognitive / Emotional Support Monitoring of Health Security or Safety Entertainment Communication & Social Support Monitoring of Health, Security or Safety

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Company:SanyoCountry:JP
Year:2004
2004
est. Price:Research Project:Target Group:care staff50000 USDTarget Group:care staff10-CommercialFrice:Frice:Reference Link:http://www.globalaging.org/elderrights/world/2004/japaninvention.htm

Description:

Sanyo unveiled the \$50,000 HIRB ("Human In Roll-lo Bathing") system, a compact version designed for use in elderly homes. This is an ultrasonic Bath, a pod-like human washing machine that cleans, massages and dries the user in a fully automated 15-minute process.



http://www.inreview.com/archive/topic/17594.html

Application Domain:

Personal Care Support

AAL Robot Features:

×assists activities of daily living/working

×specific design for older adults

- no specific design, but seems usable by seciors
- improves/maintains independent living
- is capable of visible motion

×has sensors and actuators

- x makes sensor/knowledge-based decisions
- motion in two or more axes

HIRB

Type: Household Robot

Company:	e.zicom
Research Project:	
Target Group:	general public
Technology Readiness:	10-Commercial
Reference Link:	http://www.e-zicom.com/

Country: **FR** Year: **2013** est. Price: **400 €**

Description:

Multi-Surface Cleaning Robot "Single-side surface cleaning

- No restrictions on surface thickness
- Powerful processors with Al-technology
- Embedded UPS for safety
- Convenient and ECO-friendly"



http://www.e-zicom.com/ezistore/e-ziclean-entretien-de-lamaison/robot-laveur-vitre-eziclean-windoro.html

Application Domain:

Haushaltstätigkeiten Cleaning Housekeeping Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ximproves/maintains independent living

x is capable of visible motion

×has sensors and actuators

- × makes sensor/knowledge-based decisions
- ×motion in two or more axes

Hobot

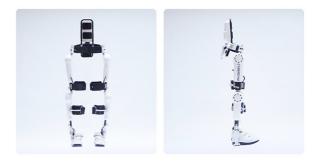
Type: Robotic Mobility Aid

Hybrid Assistive Limb

Company:	Cyberdyne	Country:	JP
Research Project:		Year: est. Price:	2011 2000 USD /
Target Group:	older adults		Month
Technology Readiness:	10-Commercial		
Reference Link:	http://www.cyberdyne.jp/english/products/Lo	owerLimb_r	nedical.html

Description:

Exoskeleton for the lower body, designed to support people who have disorders in the lower limb and people whose legs are weakening. Picks up nerve signals to support movement.



http://www.cyberdyne.jp/english/products/LowerLimb_medical. html

Application Domain:

Mobility Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Type: Entertainment Robot

Company:	Business Design Laboratory Co	Country: Year:	
Research Project:		est. Price:	
Target Group:	older adults		
Technology Readiness:	10-Commercial		
Reference Link:	http://www.plasticpals.com/?p=1409		

Description:

7

ifbot is a robot that comes equipped with a camera, speakers, sound-direction recognition microphone, voice recognition and locomotion. About 45cm tall, 10kg.



http://shewalkssoftly.com/2008/10/04/ifbot/

Application Domain:

Entertainment Cognitive / Emotional Support Communication & Social Support Monitoring of Health, Security or Safety

AAL Robot Features:

- assists activities of daily living/working
- × specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions
- × motion in two or more axes

ifbot

Туре: Companion Robot

Company:	Jibo, Inc.
Research Project:	
Target Group:	general public
Technology Readiness:	10-Commercial
Reference Link:	https://www.jibo.com

Country: US Year: 2015 est. Price: 749 USD

Description:

JIBO is a little pod with a motorized swivel, equipped with cameras, microphones and a display. It recognizes faces and voices, and can act as a personal assistant by setting reminders, delivering messages and offering to take group photos. It also serves as a telepresence robot for video chat.



http://time.com/2994153/jibo-robot/

Application Domain:

Cognitive / Emotional Support Communication & Social Support Entertainment

AAL Robot Features:

×assists activities of daily living/working

specific design for older adults

no specific design, but seems usable by seciors ×improves/maintains independent living

x is capable of visible motion ×has sensors and actuators

- × makes sensor/knowledge-based decisions
- × motion in two or more axes

JIBO

Type: Emotional Robot

JustoCat

Company:	Robyn Robotics AB Co	ountry:	
Research Project:	est.	Year: Price:	2014 1299 €
Target Group:	older adults		
Technology Readiness:	10-Commercial		
Reference Link:	http://www.justocat.de/index.php/produkt/funktic	on-und-	eigenschaften

Description:

Alternative to the PARO seal robot. Was developed to support older users with dementia inside of care institutions and at homes.

Simulates breathing, purring, meowing. Senses petting or harassing and reacts upon it.



http://www.robynrobotics.se

Application Domain:

Cognitive / Emotional Support

AAL Robot Features:

- assists activities of daily living/working
- ×specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- x is capable of visible motion
- ×has sensors and actuators
- × makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Companion Robot

Kompai

Company:	Robosoft	Country: Year: est. Price:	2010
Research Project:	DOMEO		
Target Group:	older adults		
Technology Readiness:	7-System prototype demonstration in an operational environment		
Reference Link:	http://www.robosoft.com/robotic-solutions html	/healthcare/k	ompai/index.

Description:

DOMEO was a research project in the area of "Ambient Assisted Living", partly funded by the EU and by national funds. DOMEO aimed at the demonstration of the use of robots for providing support in the home of old people.

DOMEO:

* Showed the relevance and efficiency of an evolutionary integration platform * Found out the needs in robotics, sensors and 24/7 communication services for the elderly

* Evaluated the deployment of the proposed systems in realistic environments



http://www.aal-domeo.org/index.php/robots

Application Domain:

Gesundheits-/Sicherheitsmonitoring soziale Unterstützung, Kommunikation Monitoring of Health Security or Safety Communication & Social Support Cognitive / Emotional Support Personal Care Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Type: Robotic Mobility Aid

Liftkar PT S

Company:SanoCountry:ATResearch Project:Year:2011Target Group:older adultsabout 5600€Technology Readiness:10-CommercialFillerReference Link:http://www.sano-stairclimbers.com/en/liftkar-ptFiller

Description:

The LIFTKAR PT S features advanced stairclimbing technology and can handle any challenge. The 130 model is designed for people up to 130 kg while the 160 is for people up to 160 kg. The soft upholstered and ergonomically-shaped seat guarantees a comfortable ride. 10, 14 or 18 stairs per minute



http://www.sano-stairclimbers.com/en/liftkar-pt

Application Domain:

Mobility Support

AAL Robot Features:

×assists activities of daily living/working

×specific design for older adults

- no specific design, but seems usable by seciors
- improves/maintains independent living

× is capable of visible motion

×has sensors and actuators

- makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Rehabilitation Robot

Lokomat

Company:		
Research Project:	est. Price:	2007 approx.
Target Group:	impaired people	200000€
Technology Readiness:	10-Commercial	
Reference Link:	http://www.hocoma.com/de/produkte/lokomat/	

Description:

The Lokomat is a gait therapy device on a treadmill with a robotic gait orthosis, and exercises in a virtual reality environment with a constant audio and visual feedback



http://www.sms.hest.ethz.ch/research/gait_rehab

Application Domain:

Rehabilitation Support

AAL Robot Features:

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- ×improves/maintains independent living
- x is capable of visible motion
- ×has sensors and actuators
- ×makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Household Robot

Looj 330

Company:	iRobot
Research Project:	
Target Group:	general public
Technology Readiness:	10-Commercial
Reference Link:	http://store.irobot.com/irobot-looj-330

Country: US Year: 2013 est. Price: 300 USD

Description:

The iRobot Looj 330 Gutter Cleaning Robot blasts away leaves, dirt and clogs while brushing gutters clean. Featuring a highvelocity, four-stage auger and CLEAN mode, Looj travels down your gutter on its own, sensing and adapting to debris in order to provide the most effective cleaning.



http://store.irobot.com/irobot-looj-330

Application Domain:

Housekeeping Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ximproves/maintains independent living
- **x** is capable of visible motion
- ×has sensors and actuators
- makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Household Robot

MOVAID

Company:	CRIM	Country:	
Research Project:	MOVAID	Year: est. Price:	
Target Group:	general public		
Technology Readiness:	6-Model or prototype demonstration in a relevant environment		
Reference Link:	https://www-crim.sssup.it/research/projection	cts/MOVAID/de	fault.htm

Description:

The MOVAID system consists of a number of fixed workstations (PCs), located where main activities are carried out at home, such as the kitchen and the bedroom, along with a mobile robotic unit able to navigate in the house avoiding unexpected obstacles, to grasp and manipulate common objects and to dock to the fixed workstations for data exchange and power supply.



https://www-crim.sssup.it/research/projects/MOVAID/default. htm

Application Domain:

Haushaltstätigkeiten Housekeeping Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

Type: Emotional Robot

Company:Violet / MindscapeResearch Project:SERATarget Group:general publicTechnology Readiness:10-CommercialReference Link:http://en.wikipedia.org/wiki/Nabaztag

Nabaztag / Karotz

 Country:
 FR

 Year:
 2007

 est. Price:
 150 USD

Description:

Robotic rabbit with Wi-Fi access. Tells the time and has interfaces to a variety of web-services (reads emails and RSS news feeds, reports on air quality or traffic (in Paris), plays mp3s and gives the weather forecast).

Diiscontinued.



http://en.wikipedia.org/wiki/Nabaztag

Application Domain:

Entertainment Communication & Social Support

AAL Robot Features:

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- ✗ is capable of visible motion
- ×has sensors and actuators
- × makes sensor/knowledge-based decisions
- × motion in two or more axes

Company:	Aldebaran	Country:	FR
Research Project:	KSERA,	Year: est. Price:	
Target Group:	older adults	est. Thee.	5500 €
Technology Readiness:	7-System prototype demonstration in an operational environment		
Reference Link:	https://www.aldebaran.com/en		

Description:

Assistive Robot based on the Platform NAO from Aldebaran. Several research projects built upon this robot to develop application scenarios to serve older users at home.



http://ksera.ieis.tue.nl

Application Domain:

kognitive/emotionale Unterstützung soziale Unterstützung, Kommunikation Cognitive / Emotional Support Communication & Social Support Entertainment Monitoring of Health Security or Safety Rehabilitation Support Monitoring of Health, Security or Safety

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions
 x motion in two or more axes

NAO

Type: Personal Care Robot

Nature's Call

Company:	•	
Research Project: Target Group:	Year: est. Price: older adults	
Technology Readiness:	2-Technology concept and/or application formulated	
Reference Link:	http://lovetoilets.blogspot.co.at/2011/04/robotic-toilet-m personal.html	aintains-

Description:

mobile robotic toilet; precondition for use: person has to be able to rise from bed state of development & company unknown.



http://lovetoilets.blogspot.co.at/2011/04/robotic-toilet-maintainspersonal.html

Application Domain:

Physische Unterstützung Personal Care Support

AAL Robot Features:

- specific design for older adults
- no specific design, but seems usable by seciors
- ▼improves/maintains independent living
- x is capable of visible motion
- ×has sensors and actuators
- × makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Emotional Robot

NeCoRo

Company:		
Research Project:	Year: 2001 est. Price: approx 1500€	
Target Group:	••	
Technology Readiness:	10-Commercial	
Reference Link:	http://www.machinebrain.com/articles/omroncat101601.html	

Description:

Robotic Cat Moves eyes, tail, ears, purrs, miaows, reacts on touches and pet strokes recognizes owners voice and own name. Simulates emotions



www.megadroid.com

Application Domain:

kognitive/emotionale Unterstützung Cognitive / Emotional Support

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- × is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- × motion in two or more axes

Nursing-Care System

Company:	Country:	n.a.
Research Project:		unknown
	est. Price:	n.a.
Target Group:	older adults	
Technology Readiness:	3-Analytical and experimental critical function and/or cl	haracteristic
Reference Link:	Yukawa et. al. 2012	

Description:

- a normal wheelchair
- transforms into bed
- is combined with a lift for bathinghouses a mobile toilet robot under the

seat



Yukawa et. al. 2012

Application Domain:

Mobility Support Personal Care Support

AAL Robot Features:

×assists activities of daily living/working × specific design for older adults no specific design, but seems usable by seciors ×improves/maintains independent living

x is capable of visible motion

- makes sensor/knowledge-based decisions
- motion in two or more axes

Type: Fetch & Carry Support

oRo Platform

Company:		Country:	
Research Project:	Robot-ERA	Year: est. Price:	
Target Group:	older adults		
Technology Readiness:	6-Model or prototype demonstration in a relevant environment		
Reference Link:	http://www.robot-era.eu/robotera/		

Description:

carrier robot for outdoor usage



http://www.robot-era.eu/robotera/

Application Domain:

Fetch & Carry Mobility Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions
 x motion in two or more axes

Type: Emotional Robot

Company: AIST Research Project: Target Group: older adults Technology Readiness: 10-Commercial Reference Link: http://www.parorobots.com Country: **JP** Year: **2001** est. Price: **5000 USD**

Description:

This robotic system in the shape of a baby seal is used as a variant of pet-therapy in institutional care of older adults with dementia. Caretakers facilitate the system to interact with their clients. The main benefits of the system were studied to be an influence on the emotional regulation of patients and enhanced social interaction.



http://www.japantrendshop.com/DE-paro-roboter-therapierobbe-p-144.html

Application Domain:

kognitive/emotionale Unterstützung Cognitive / Emotional Support

- assists activities of daily living/working
- × specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- × is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Companion Robot

Company: Research Project: Target Group:		Country: Year: est. Price:	2002
Technology Readiness:	Analytical and experimental critical function and/or characterist https://www.ri.cmu.edu/research_project_detail.html? roject_id=347&menu_id=261		naracteristic

Description:

Designed to interact with and guide people in assisted living facilities.



http://www.cmu.edu/PR/releases05/051212_aging.html

Application Domain:

Cognitive / Emotional Support Communication & Social Support Fetch & Carry

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 improves/maintains independent living

x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions
 x motion in two or more axes

Pearl

Type: Emotional Robot

Primo Puel

Company:	unknown Country:	JP
Research Project:	Year: est. Price:	
Target Group:	general public	100
Technology Readiness:	10-Commercial	
Reference Link:	http://news.bbc.co. uk/2/hi/programmes/this_world/golden_years/4436633.s	stm

Description:

interactive doll that talks, giggles and asks for hugs.



http://news.bbc.co.uk/2/hi/programmes/this_world/ golden_years/4436633.stm

Application Domain:

Cognitive / Emotional Support Entertainment

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- is capable of visible motion
- ×has sensors and actuators
- × makes sensor/knowledge-based decisions
- motion in two or more axes

Resyone

Company:	Panasonic Country: JP	
Research Project:	Year: 2014 est. Price: 8400 €	
Target Group:	older adults	
Technology Readiness:	10-Commercial	
Reference Link:	http://www.gizmag.com/panasonic-resyone-robot-bed-wheelchair- iso13482/31656/	

Description:

a patient bed that splits in two parts: one part can detach and transform into a wheelchair. No information found whether the wheelchair is robotic when moving. From the description it is not clear what exactly is "robotic" about the bed, because it seems to be controlled by a nurse/caregiver



http://www.gizmag.com/panasonic-resyone-robot-bedwheelchair-iso13482/31656/pictures#1

Application Domain:

Mobilität Physische Unterstützung Mobility Support

AAL Robot Features:

×assists activities of daily living/working

×specific design for older adults

no specific design, but seems usable by seciors improves/maintains independent living

×is capable of visible motion

- makes sensor/knowledge-based decisions
- motion in two or more axes

Company:	ReWalk Robotics
Research Project:	
Target Group:	impaired people
Technology Readiness:	10-Commercial
Reference Link:	rewalk.com

Country: US Year: 2014

est. Price: USD 69500

ReWalk

Description:

ReWalk is a wearable robotic exoskeleton that provides powered hip and knee motion to enable individuals with spinal cord injury (SCI) to stand upright, walk, turn, and climb and descend stairs*. ReWalk is the only FDA cleared exoskeleton for rehabilitation and personal use in the United States.

*Stair function not currently available in US



http://rewalk.com/rewalk-personal/

Application Domain:

Mobility Support

AAL Robot Features:

×assists activities of daily living/working

specific design for older adults

no specific design, but seems usable by seciors

ximproves/maintains independent living

×is capable of visible motion

×has sensors and actuators

makes sensor/knowledge-based decisions

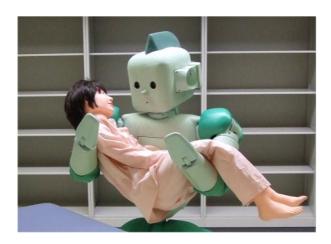
×motion in two or more axes

RI-MAN

Company:	Riken Bio-Mimetic Control Center	Country:	JP
Research Project:		Year: est. Price:	
Target Group:	care staff		
Technology Readiness:	6-Model or prototype demonstration in a relevant environment		
Reference Link:	http://rtc.nagoya.riken.jp/RI-MAN/index_us	s.html	

Description:

Platform to support lifting of patients in a hospital or at home



http://rtc.nagoya.riken.jp/RI-MAN/index_us.html

Application Domain:

Physische Unterstützung Fetch & Carry Mobility Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living

x is capable of visible motion

- x makes sensor/knowledge-based decisions
- × motion in two or more axes

ROBEAR

Company:			
Research Project:	Year: est. Price:	2014 n.a	
Target Group:	care staff		
Technology Readiness:	4-Component and/or bread-board validation in laboratory		
Reference Link:	http://www.riken.jp/en/pr/press/2015/20150223_2/		

Description:

Successor of RIBAII, the main target group is care staff, secondary users are older people although it is not immediately clear which benefit they would have from such a system. It is used to transport patients inside care facilities from bed to toilet / wheelchair etc.



www.riken.jp/en

Application Domain:

Fetch & Carry Mobility Support

- assists activities of daily living/working
- × specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- × is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- × motion in two or more axes

Robotic Wheelchair

Company:	Chiba Tech	Country:	
Research Project:		Year: est. Price:	
Target Group:	impaired people		
Technology Readiness:	3-Analytical and experimental critical function and/or characteristic		
Reference Link:	http://www.gizmag.com/chiba-robot-wheelchair/24584/		

Description:

robotic wheelchair that is able to climb steps to enhance the mobility of the user



http://www.gizmag.com/chiba-robot-wheelchair/24584/

Application Domain:

Mobility Support

AAL Robot Features:

- specific design for older adults
- no specific design, but seems usable by seciors
- ximproves/maintains independent living
- ✗ is capable of visible motion
- ×has sensors and actuators
- makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Telepresence Robot

RP-VITA

Company:	InTouchHealth	Country:	US unknown
Research Project:			yet unclear
Target Group:	care staff		
Technology Readiness:	9-Actual system proven through successful mission operations		
Reference Link:	http://www.irobot.com/For-Business/RP-VI	A.aspx	

Description:

A remote presence robot for doctors who can virtually visit patients at their bedsite. The system has been piloted in a number of hospitals in Europe, Canada and US and reached FDA-clearance.



http://www.intouchhealth.com

Application Domain:

soziale Unterstützung, Kommunikation Communication & Social Support

AAL Robot Features:

- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- × is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Rehabilitation Robot

Rufus Running Companion

Company:	runfun GmbH	Country:	
Research Project:		Year: est. Price:	
Target Group:	general public		
Technology Readiness:	9-Actual system proven through successful	Il mission op	erations
Reference Link:	http://www.blue-ocean-robotics.com/en/rol running-companion	oots/healthca	re/rufus-

Description:

RUFUS is a robotic device developed to support runners. It is an electrically driven vehicle with an automatic cruise control. RUFUS Basic is your personal running coach and RUFUS Pro is your professional coaching assistant.



http://www.blue-ocean-robotics. com/en/robots/healthcare/rufus-running-companion

Application Domain:

Rehabilitation Support

AAL Robot Features:

- specific design for older adults
- no specific design, but seems usable by seciors
- ▼improves/maintains independent living
- ✗ is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Household Robot

Company:	Moneual
Research Project:	
Target Group:	general public
Technology Readiness:	10-Commercial
Reference Link:	http://moneualusa.com

Description:

Vacuum cleaning robot that also mops the floor.

RYDIS H68 PRO

Country:	US
Year:	2014
est. Price:	379USD



http://moneualusa.com

Application Domain:

Housekeeping Support

AAL Robot Features:

- specific design for older adults
- no specific design, but seems usable by seciors
- ×improves/maintains independent living
- x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions
- × motion in two or more axes

Type: Household Robot

Scooba

Company:	iRobot Country:	US
Research Project:		2006 300-500€
Target Group:	general public	
Technology Readiness:	10-Commercial	
Reference Link:	http://www.irobot.at/Shop/Robots/Scooba-450	

Description:

floor cleaning robot



http://www.irobot.at/Shop/Robots/Scooba-450

Application Domain:

Haushaltstätigkeiten Cleaning Housekeeping Support

AAL Robot Features:

× assists activities of daily living/working

specific design for older adults

no specific design, but seems usable by seciors

×improves/maintains independent living

x is capable of visible motion
 x has sensors and actuators
 x makes sensor/knowledge-based decisions

× motion in two or more axes

Stairmax Selbstfahrer

Company:	Lehner-Lifttechnik Country:	
Research Project:	Year: est. Price:	
Target Group:	impaired people	
Technology Readiness:	10-Commercial	
Reference Link:	http://www.lehner-lifttechnik.at/de/products/Standard	

Description:

System that supports stairclimbing, also for individuals on their own. The wheelchair is attached to a battery driven crawler type undercarriage.



http://www.liftunion.de/treppenliftetreppenraupen/treppenraupen-stairmax.html

Application Domain:

Mobility Support

AAL Robot Features:

×assists activities of daily living/working

specific design for older adults

no specific design, but seems usable by seciors

×improves/maintains independent living

x is capable of visible motion

×has sensors and actuators

makes sensor/knowledge-based decisions

motion in two or more axes

Stairwalker

Company:	7	-	GER
Research Project:			2013 unknown
Target Group:	older adults		
Technology Readiness:	10-Commercial		
Reference Link:	http://www.thyssenkrupp-access-solutions.com/so	lutio	ns/stairwalker/

Description:

The StairWalker provides support in the user's back for going upstairs or in front to lean on while going down. It is a daily exercise to keep the user fit and independent. The product was discontinued in 2014.



http://www.thyssenkrupp-access-solutions.com

Application Domain:

Mobility Support

AAL Robot Features:

assists activities of daily living/working
 specific design for older adults
 no specific design, but seems usable by seciors
 ximproves/maintains independent living

✗ is capable of visible motion

- makes sensor/knowledge-based decisions
- motion in two or more axes

TEK RMD Robotic

Company:MatiaResearch Project:impaired peopleTarget Group:impaired peopleTechnology Readiness:10-CommercialReference Link:http://www.matiarobotics.com

Country: TR Year: 2012 est. Price: 18000 USD

Description:

Scooter-like mobility aid, supports standing up and sitting down, moving around in standing position, for indoor use only.



http://www.matiarobotics.com

Application Domain:

Mobility Support

AAL Robot Features:

×assists activities of daily living/working

- specific design for older adults
- no specific design, but seems usable by seciors
- ximproves/maintains independent living

x is capable of visible motion
 x has sensors and actuators

- x makes sensor/knowledge-based decisions
- × motion in two or more axes

(unknown)

Company:	Panasonic	Country:	
Research Project:	е	Year: st. Price:	estimated to
Target Group:			be below 1m
Technology Readiness:	7-System prototype demonstration in an operational environment		
Reference Link:	http://ajw.asahi.com/article/business/AJ20140	9250035	

Description:

Users of Panasonic's new device will wear a special vest-like sling that attaches to the robot's arm. The arm moves in coordination with the user's physical movements to aid such motions as standing and sitting. To move about, the user places their arms on a handle-like support device that helps them guide the robot.



http://ajw.asahi.com/article/business/AJ201409250035

Application Domain:

Mobility Support

AAL Robot Features:

×assists activities of daily living/working

×specific design for older adults

- no specific design, but seems usable by seciors
- improves/maintains independent living

x is capable of visible motion

- makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Household Robot

Vortex OV 3300

Company: Zodiac Pool Care Research Project: Target Group: general public Technology Readiness: 10-Commercial Reference Link: http://www.zodiac-poolcare.co.uk Country: **FR** Year: **2015** est. Price: **866 €**

Description:

Pool cleaning system that operates autonomously and cleans the whole pool including the walls.



http://www.myrobotcenter.at/de_at/rasen-undpoolroboter/poolroboter/zodiac-ov3300

Application Domain:

Housekeeping Support

AAL Robot Features:

×assists activities of daily living/working

specific design for older adults

no specific design, but seems usable by seciors

ximproves/maintains independent living

is capable of visible motion
 is sensors and actuators

- x makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Entertainment Robot

WheeMe 2.0

Company:	DreamBots
Research Project:	
Target Group:	general public
Technology Readiness:	10-Commercial
Reference Link:	http://www.wheeme.com

Country: **US** Year: **2014** est. Price: **80 €**

Description:

Massage and Relaxation Robot WheeMe is a palm-sized robot that gently massages and caresses as it moves slowly across your body. Using unique sensor technology, WheeMe automatically steers itself over your body with very little chance of falling off or losing its grip. As it moves, WheeMe's four small wheels and the rotor finger gently press and caress providing a delightful sense of relaxation and calm.

> http://www.myrobotcenter.at/de_at/gadgets/ massageroboter/dreambots-wheeme-v2-0#reviews-section

Application Domain:

Entertainment

- assists activities of daily living/working
- specific design for older adults
- no specific design, but seems usable by seciors
- improves/maintains independent living
- **x** is capable of visible motion
- ×has sensors and actuators
- x makes sensor/knowledge-based decisions
- ×motion in two or more axes

Type: Companion Robot

Company:QBMTResearch Project:Target Group:Target Group:care staffTechnology Readiness:10-CommercialReference Link:http://zorarobotics.be

Description:

Zora is a software solution on the mobile humanoid plattform Nao, that supports older users at residential facilities and patients in hospitals. Zoras services include reminders, motivation and guidance for physical training and communication.

Country:	BE
Year:	2014
est. Price:	15000 €



http://www.emerce.nl/wire/zorgrobot-zora-gaat-kunst-makenkunstenaar-pim-smit

Application Domain:

Cognitive / Emotional Support Communication & Social Support Entertainment

AAL Robot Features:

×assists activities of daily living/working

×specific design for older adults

- no specific design, but seems usable by seciors
- improves/maintains independent living

x is capable of visible motion

×has sensors and actuators

×makes sensor/knowledge-based decisions

× motion in two or more axes