

Ambient Assisted Living (AAL) for the Ageing Society

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APROTECH is responsible of
promove and disseminate projects
of the Spanish companies.

There are several SMEs that have
to be represented in Europe and
we are a contact point.





InfoGLOBAL S.A. (Background)

METRO MULTIMODAL INTERACTIVE SYSTEMS

To create e-environment to ease everyone travelling through METRO networks.

Mr. Luis del Valle

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Wireless Department Manager

- InfoGLOBAL is a well reputed high tech developer in Spain. Founded in 1994. Expertise in Telecommunication Systems and Services, Data Bases and Software Development. SME with 150 people, with a high percentage of Telecommunication Engineers and MBAs.
- InfoGLOBAL is wide experienced in R&D in areas of Wireless Telecommunications, Broadband IP Networks and DVB systems, including design of Antennas and radio equipment at different frequencies (Satellite, LMDS, wired networks, Digital Terrestrial Television and Digital Radio) and design and development of services for broadband networks.
 - Major area → transport infrastructures:
 - Centralized and remote control system for Metro networks (subway).
 - Broadband communications for trains at over 200Km/h.
 - Road tunnels Madrid (Video-Surveillance).
 - Implementation of radio-toll system for highways.
- InfoGLOBAL has actively taken part into European and national projects such as BROADWAN (EU-FP6 IP), TEBATREN (related to railway transports with funds from Spanish Ministry of Industry).



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Metro multimodal interactive systems



- **Purpose:** aimed to integrate IST technologies in everyday citizens life, with main focus on ageing people.
- **Goals:** Developing wireless multimodal interfaces and applications to enable a seamless communication between pedestrians and Metro infrastructures, offering a plethora of innovative enriched services based on the user's preferences, needs and behaviour and the environmental context.



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- **Benefits for ageing people:**
 - To create an e-environment that ensures ageing citizens to travel easily and safely in metro networks.
 - Easy and natural interaction with metro infrastructures to have a safer, quicker and more comfortable journey.
 - To avoid confusion to get to a new place, or due to temporal changes.
 - To promote the use of Metro among this collective.
 - To provide independent living and full integration into society making easier to access to public places -such as hospitals, public offices, etc.-, to facilitate family/friends contacts, to get cultural/entertainment centres, etc.

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