

## Consortium

### **The University of Twente / CTIT**

A multidisciplinary research institute in Enschede, the Netherlands, within the area of telematics and information technology. The Pervasive Systems group coordinated the first large European project on wireless sensor networks, EYES, and the large national project Smart Surroundings, in the field of ambient intelligence.

### **Roessingh Research and Development**

The largest Dutch scientific research centre in rehabilitation technology. RRD is internationally recognized as a centre of excellence in the fields of sensing, restoration of human motor function and innovative ICT services. RRD is positioned between care and academic institutions and focuses on multidisciplinary collaboration to obtain both excellent scientific research as well as services to be implemented in daily care.

### **Inertia Technology**

An SME that brought forward a new concept to the market: sensor-based user interaction with its surroundings. Using low-cost wireless sensor nodes, Inertia captures and monitors the motion of people and moving objects, recognizing the activities and providing constructive feedback. Healthcare and wellbeing are core application domains for Inertia, aiming at improving the quality of life of elderly people and persons with chronic conditions.

### **Norwegian Centre for Telemedicine**

A centre of research and expertise that gathers, produces and disseminates knowledge about telemedicine services, both in Norway and internationally. In 2002, the NST was designated as the first Collaborating Centre for Telemedicine by the World Health Organization (WHO).

## Consortium

### **Northern Research Institute**

An independent institute for research in the fields of ICT, Social Sciences, and Earth Observation. Norut has done net centric eHealth research since 1990 and lately worked on ICT solutions for system for personalized home-based eHealth services for chronically ill. Norut is a founding partner of Tromsø Telemedicine Laboratory, and works closely with NST in several Norwegian and European funded e-health projects.

### **University Hospital Elias**

One of the best known in Romania, being considered a referenced center for medical and academic activities. The research activity is coordinated by the Romanian Academy, which is patronizing the hospital. The Department of Physical and Rehabilitation Medicine has extensive experience in gait analysis, postural and balance analysis, motion analysis, cardio-pulmonary response to exercises, biofeedback and electromyography.

### **PROSYS**

An SME with long experience in the design and implementation of complete sensing, monitoring and control systems. PROSYS produces and commercializes highly miniaturized hardware for sensing, control and wireless networking.

More info:

[www.IS-ACTIVE.eu](http://www.IS-ACTIVE.eu)



Inertial Sensing Systems  
for Advanced Chronic  
Condition Monitoring  
and Risk Prevention