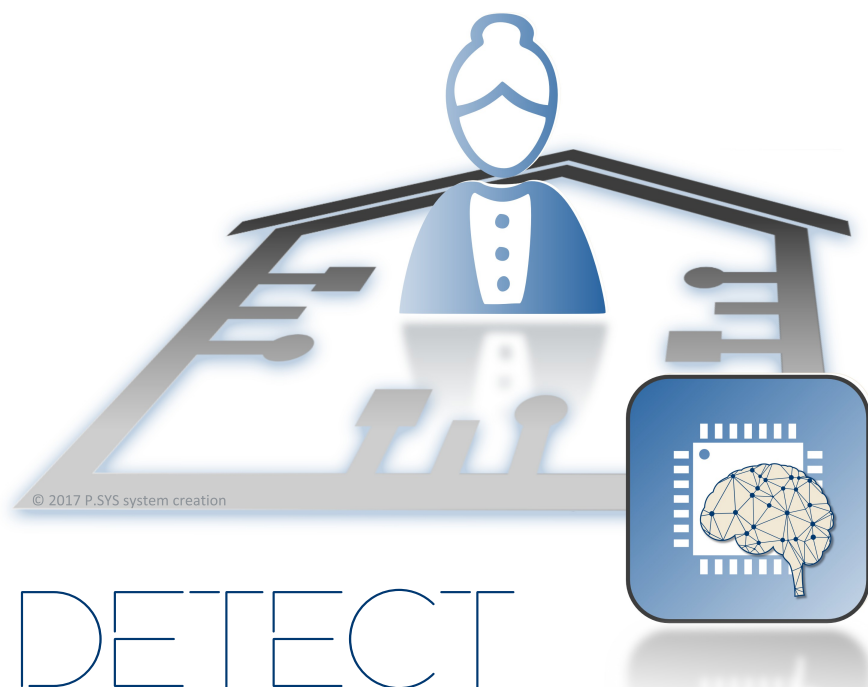


DETECT



CONNECT



Modern technology is amazing. Computers and the Internet make our world smaller and we can stay constantly informed about virtually anything. But, while we share our entire lives on social media, we do not know if our parents, family members, friends or neighbours might need our help...

DETECT + CONNECT

Introduction - P.SYS, P.SYS, caring systems KG (pronounced “pieces”), an Austrian company with international roots, has taken on this issue. We are currently in the first year of a three year development project, supported by public funding through the Österreichischen Forschungs-förderungsgesellschaft (FFG) and the Kärntner Wirtschaftsförderungs Fonds (KWF). We aim to realise user oriented systems which connects elderly people to the most applicable support from their social environment in case of irregularities or extraordinary needs. The system will allow elderly people to remain independent in their own surroundings longer.

A novel approach to solve the issue is urgently needed. Due to the demographic development in Europe and other industrialized regions, a decreasing group of supporting persons has to care for a rapidly increasing group of elderly. Our system aims to optimise the utilization of available helping hands.

Project - To realize these goals, we are developing and testing a self-learning system which recognizes or registers the needs of a client (DETECT). Upon determination of a need, a dynamic network technology finds and activates the most suitable support in

the individual social environment of the client (CONNECT).

The individuality and independence of the client, combined with strict privacy and uninterrupted protection are the guiding principles for the technical implementation. The autonomous system protects the client and the dynamic networks find people without recording, transmitting or storing any sensitive information.

Because every person is different and usually very dynamic, our systems first get to know their clients behaviour. Then, the individual systems will continuously adapt to the changing envi-

ronment and habits of their clients. For similar reasons, the social networks are built only when they are needed. These networks are compiled and used, guided by the clients needs.

Partner - Our project consortium has grown significantly since our start at the AplusB Gründerzentrum Build! incubator centre of the University of Klagenfurt. With the Carinthian University of Applied Sciences and the Alpen-Adria-Universität, we have access to the academic community. The technology companies ilogs mobile software GmbH, Sattva eTech (IN) and A1 digital international GmbH are contributing their capabilities for the technical realisation. Out of Carinthia, we count on the Tageszentrum Möllbrücke, the Diakonie de la Tour, HealthCare24 and AIS pbw GmbH as partners from the care providing community. The project team is international present with the Hausnotrufdienst des DRK's für Sachsen und Sachsen-Anhalt (DE) and the Zorggroep Sint Maarten (NL).

Our goals and concepts are always well received. At this moment, our care-partners already represent roughly one percent of the total European market.

In case you identify with our challenge and you would like to participate in the solution, we would like to get to know you as well.

Company - P.SYS, caring systems KG is the core of this very diverse group of participants. P.SYS develops concepts, methods, algorithms and finally systems. We base our approaches on more than fifty years of combined experience in development, manufacturing and maintenance of production equipment and processes for semiconductors and nano-technology. This forms the basis for managing and controlling dynamic and chaotic systems. In this project, we deploy our

know-how to resolve one of the most pressing social and demographic challenges of our time.

Info - P.SYS, caring systems KG is a development company for the realisation of the "DETECT + CONNECT" technology and associated products. We are located in Villach, Carinthia, Austria.

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CONNECT



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Deutsches Rotes Kreuz



zorggroep sint maarten



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