



Innovation, Quality, Delivery on Time

Success is enabled by:
Competence, Quality and Confidence

Applied Research Department

Mixing Science, Teamwork and Know-How to Drive Business Value

Success relies on
INNOVATION



Achieve high
QUALITY



Work with the right
TECHNOLOGY

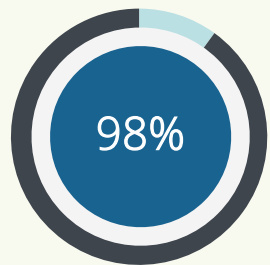
Applied Research Department



We are focused on creating innovative software solutions that respond to business and society future-proof interests

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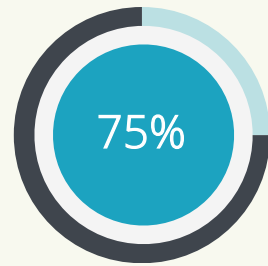
Key Facts



EU partners



Completed
research projects



Seniors in our
R&D teams



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Innovation Services

Research Services on Demand



Companies are given the opportunity to work on tactical innovation topics beyond the realms of their company structures.

- ☐ Develop and improve products
- ☐ Develop and improve technologies
- ☐ Analyze markets and advise on innovations

EU-Funded Research and Innovation



Some challenges are so complex and multifaceted that the best solution can only be achieved through cooperation of several partners.

- ☐ EU-Research Projects
- ☐ Joint Research Projects
- ☐ Networking: Work Together

Venture Partnership



ROPARDO has broad practical experience and a strong will to launch the solutions developed successfully on the market.

- ☐ Know How and Technology Transfer
- ☐ Investment Options and Cooperation
- ☐ Incubation and Acceleration

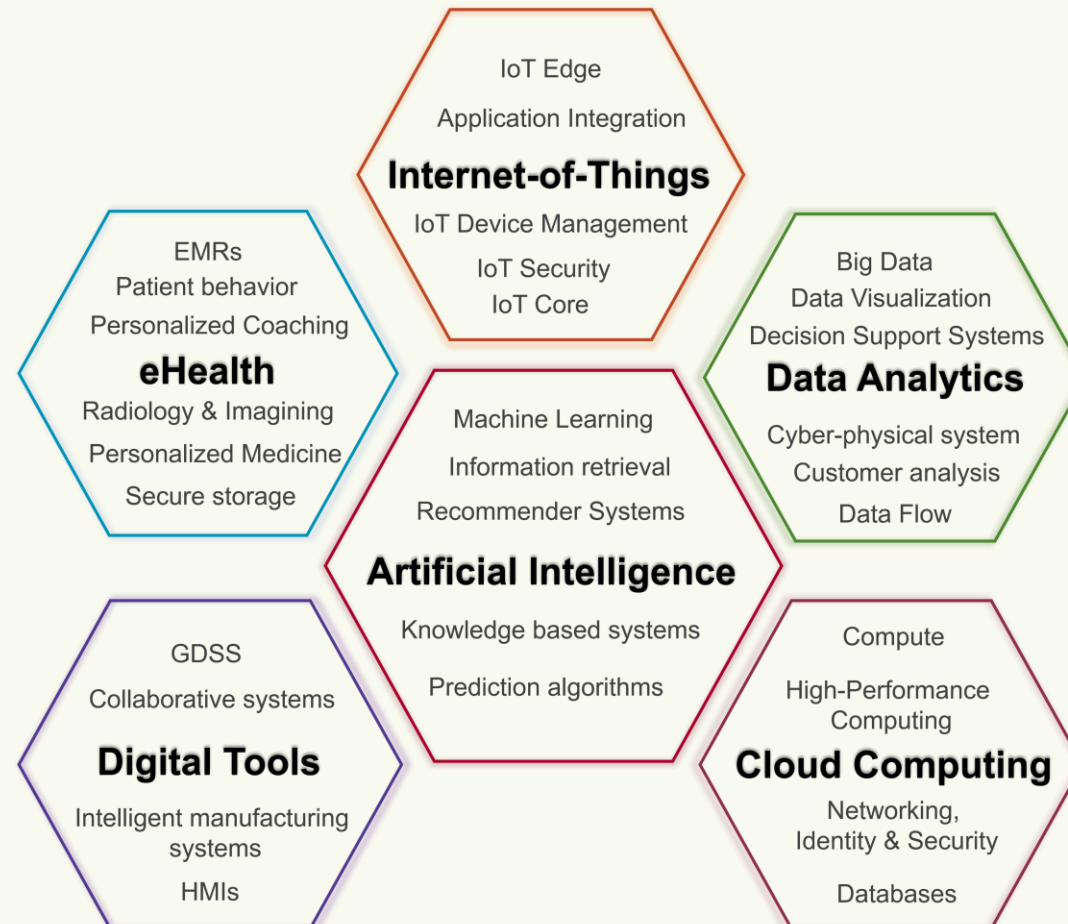
Innovation Lab



Organizations benefit from a toolbox of proven methods, tools, and competences, as well as a lab infrastructure ensuring Rapid Prototyping.

- ☐ Digital Tools & AI
- ☐ Cloud & API
- ☐ Internet of Things

Our Focus Areas



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Our Focus Areas: a Closer Look

We develop innovative software solutions
which translate the results of our applied research projects into real life

AI and ML	Data Analytics	Cloud computing	IoT	eHealth	API Platform	Digital Tools
☐ Information retrieval • User Profiling ☐ Knowledge discovery • Intelligent agents • Ontologies ☐ Machine Learning • NLP • TensorFlow • Apache MXNet ☐ Knowledge based systems ☐ Prediction algorithms ☐ Recommender Systems	☐ Big Data ☐ Data Flow ☐ Data visualization ☐ Customer Analysis ☐ Decision Support Systems ☐ Cyber-physical system • Transform data flows into information flows	☐ Compute • Scalable VMs • PaaS for apps • Containerized applications ☐ High-Performance Computing ☐ Databases • Cloud SQL • NoSQL • Memory Store ☐ Networking, Identity and Security • VPC networking & VPN • IAM • Proxy – Gateways	☐ IoT Core • Connect Devices to the Cloud ☐ IoT Security ☐ IoT Device Management • Onboard, Organize, and Remotely Manage IoT Devices ☐ IoT Edge ☐ Application Integration • Message Queues • Message Broker • Push notification	☐ Electronic medical records ☐ Radiology and Imaging ☐ Secure storage ☐ Patient behavior and sentiment data ☐ Personalized Medicine ☐ Personalized Coaching	☐ ZivaCare API • Connects and collects health data from any device, sensor and wearable ☐ ArdoCare API • Secure APIs powering actionable healthcare ☐ RoboFuse API • Support IoT teams with robust API ☐ Developer Portal • Enable developers and API teams with a turnkey self-service platform.	☐ CSCW and GDSS • Collaborative systems • Teamwork • Group decision support ☐ Intelligent manufacturing systems • Industry 4.0 • Enterprise logistic - tracking and tracing • Collaborative virtual environment – AR/VR ☐ Human-Machine Interaction • UX/Interface/Display Design • Humans, computers and work

Differentiators

WHAT
makes us
a good partner

- High experience in international R&D projects
- Broad expertise in on-going innovation developments co-financed by the EU
- Strong relationships with academic and industry partners
- Extended technical & industry know-how
- Project management capacities and experience
- Transfer of innovations into applications

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Industries

Full lifecycle R&D and support services,
proven processes (Agility RPM) and dedicated engineering teams



Financial Services
and Banking



Healthcare and
Fitness



Communication



Manufacturing
and Logistics



Health &
Pharma



Real Estate



e-Commerce



Automotive



Travel & Tourism



Retail and POS

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Latest Projects



NESTORE

Innovative personalized coaching system dedicated to elderly to promote healthy ageing.

#ecoach #wellbeing
#intelligentsupportsystem



MAYA

Multi-disciplinary integrated simulation and forecasting tools for automotive industry.

#manufacturing #automotive
#cyberphysicalsystems



PEGASO

Personalized guidance services for optimizing teen-agers' lifestyle through awareness, motivation and engagement.

#healthawarenesss #mobilesolutions
#wearablesintegration

Innovate with Us

Let's get disruptive and tackle research challenges together



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