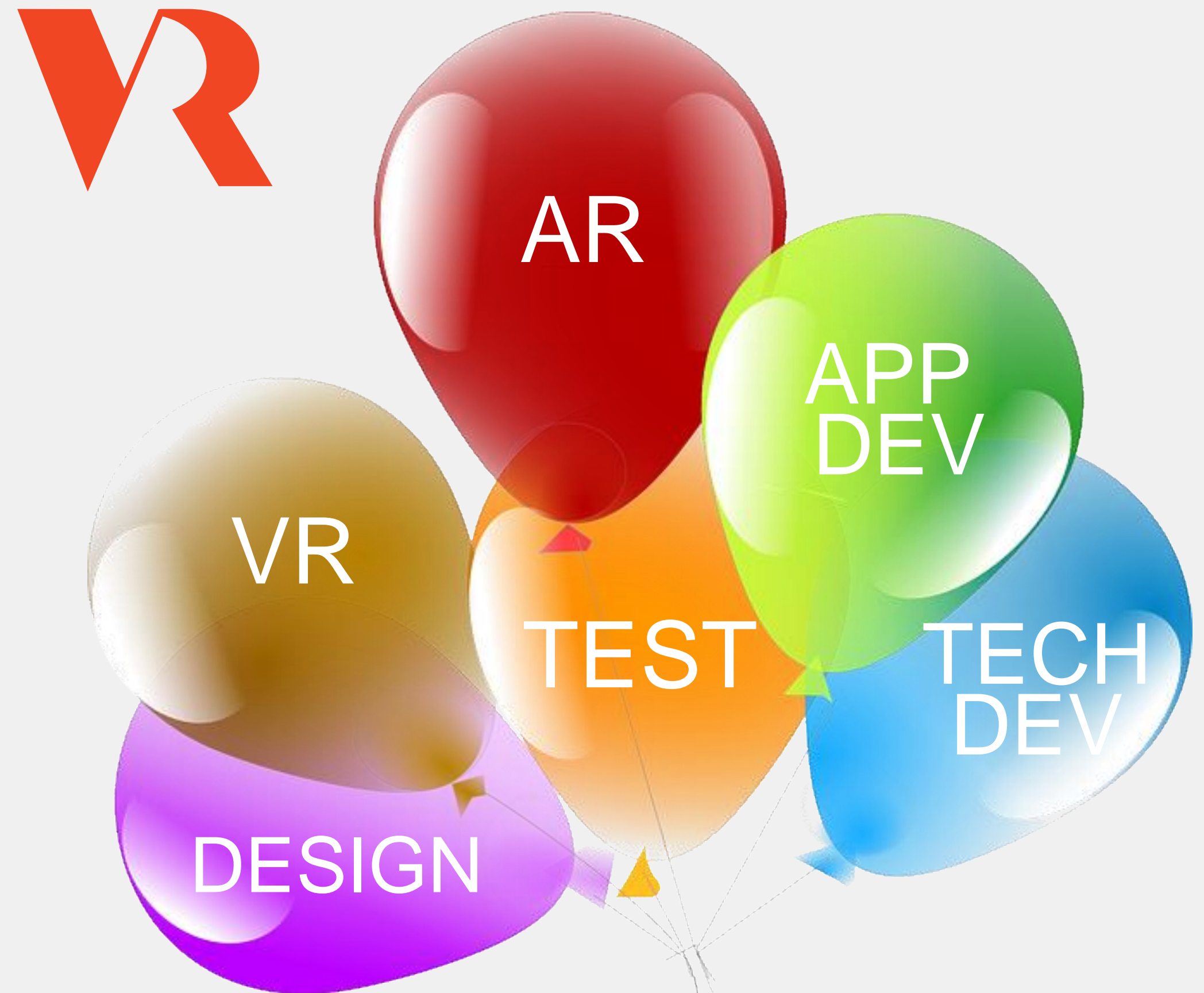


# PANOPTICUM / VRR

## WHO WE ARE AND WHAT WE DO?

- VRR is a brand of Panopticum, a startup based in Szczecin, Poland.
- We are a company who has an extensive expertise in visual communication.
- We develop solutions for education, advertising, entertainment and healthcare sectors.
- We combine various existing technologies and develop new ones, whenever it is necessary and possible.



# OUR MAIN ACTIVITY IS...

- Comprehensive VR/AR services for education and entertainment, including rental, workshops, training and software development
- Research in VR/AR/smart powered technologies for healthcare, rehabilitation and to help people overcome their limitations (digitally enhanced humans)
- Research in visual communication to increase efficiency of visual communication systems in public spaces

# OUR TOPIC WITHIN HORIZON 2020

DT-TRANSFORMATIONS-02-2018-2019-2020

Transformative impact of disruptive technologies in public services.

## Augmented accessibility.

Potential benefits and risks of using disruptive technologies in public services and public spaces.

Evaluation, design and tests of various solutions based on Virtual Reality, Augmented Reality, smart, wearable devices and others.

Deliverables: statistical and empirical data covering potential benefits and risks of using disruptive technologies in public services (such as administration buildings, schools etc.) and public spaces (cities, public transport etc.).

# OUR RESEARCH PACKAGE

Selected researches proposed to determine potential benefits and risks of using disruptive technologies. Project partners may append to this package.

- Key factors necessary for effective recognition of visual messages
- Personalized information delivered with AR wearable devices
- Personal digital zooming devices to overcome sight impairments
- Enhanced environment perception with AR
- Various cheap AR solutions, the cost-to-efficiency ratio
- Social acceptance of people using various digital wearable technologies
- Real-time hand gesture recognition for sign language translator
- Where and when disruptive technologies should NOT be used

# TO LEAD OR TO JOIN?

- We are looking for partners and work package leaders, who could run the necessary researches in human sciences and/or prepare the research methodology for all research packages within the project as well as perform intermediate and final data analysis.
- We are also considering joining to an existing project in which our research package would prove to be useful.



# OUR TEAM

## Team leaders

- **Radoslaw Brzezinski**  
experienced EU projects manager and board member, natural environment scientist and researcher
- **Radoslaw Nagay**  
EU projects researcher, biomedical and visual communication scientist, academic and business experience

[info@vrr.com.pl](mailto:info@vrr.com.pl) +48 505 040 648

[fb.com/radeknagay](https://fb.com/radeknagay)

- [Students](#)

## Declared project participants

- Visual communication designers and researchers
- Healthcare, medical and rehabilitation specialists
- Over 200 patients with various limitations
- Public services representatives
- Designers, software and hardware engineers