

# Revolutionizing Mental Health: VR Therapy for Phobias and Anxiety. Slovakia-based company is looking for research and development partners

## Summary

Profile type

**Technology request**

Company's country

**Slovakia**

POD reference

**TRSK20231006006**

Profile status

**PUBLISHED**

Type of partnership

**Research and development cooperation agreement**

Targeted countries

• **World**

Contact Person

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Term of validity

**6 Oct 2023**

**5 Oct 2024**

Last update

**6 Oct 2023**

## General Information

### Short summary

A Slovakia-based tech company presents an advanced VR therapy solution addressing phobias and anxiety. Their innovative approach merges virtual reality and gamification techniques, enhancing therapy engagement and effectiveness. By offering immersive, user-friendly experiences, the company revolutionizes mental health treatment. The company is now looking for a research and development cooperation agreement.

### Full description

Well-experienced tech company located in Nitra, Slovakia, operates as a leading innovator in mental health technology. The company specializes in developing cutting-edge solutions for mental health challenges, leveraging virtual reality and gamification for therapeutic purposes.

Their flagship product is a VR-based therapy platform tailored for individuals dealing with phobias and anxiety disorders. It offers immersive virtual environments, gradually exposing users to their fears. Main features include gamified therapy sessions, real-time progress tracking, and interactive modules.

The company boasts a team of seasoned psychologists, VR developers, and gamification experts. Their expertise lies in the seamless integration of psychological methodologies into immersive VR experiences, ensuring effective

therapy delivery.

The company has chosen collaboration types such as research partnerships and joint clinical trials to foster international alliances. By partnering with institutions and experts globally, they aim to refine our therapy platform's effectiveness, ensuring its adaptability across diverse cultural and clinical contexts. Moreover, knowledge exchange initiatives and collaborative studies are planned to enhance mutual learning and progress in the mental health sector.

In international collaborations, the company proposes joint research studies, clinical trials, and knowledge-sharing initiatives. This collaborative approach enables validation of the therapy platform's efficacy across varied demographics. Furthermore, workshops and training programs are intended to share best practices, ensuring a meaningful exchange of expertise and methodologies.

This collaboration presents a significant business opportunity by tapping into the global mental health market, addressing a critical societal need through innovative and evidence-based technology.

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### Advantages and innovations

The VR therapy platform represents a groundbreaking advancement in mental health treatment. Unlike traditional methods, this solution seamlessly integrates virtual reality and gamification, creating an immersive and engaging therapeutic experience. Key innovative aspects include:

1. Personalized Therapy Modules - The platform offers tailored therapy modules based on individual phobias and anxiety triggers.
2. Gradual Exposure Techniques - the company employs evidence-based gradual exposure techniques within virtual environments. This allows users to confront their fears in a controlled, immersive setting, fostering habituation and reducing anxiety over time.
3. Interactive Gamification Elements - gamified exercises enhance user engagement. Challenges, rewards, and interactive tasks make therapy enjoyable, encouraging consistent participation and adherence to treatment plans.

When benchmarked against competitors, the company's VR therapy platform stands out due to its:

1. Comprehensive Customization - unlike many competitors offering generic VR experiences, the platform provides detailed customization, tailoring therapy to individual phobias and anxieties.
2. Professional Collaboration - the company prioritizes collaboration with mental health professionals, integrating their expertise into our platform. This ensures a scientific foundation, setting them apart from products lacking clinical input.
3. Proven Efficacy - through rigorous testing and research, the platform's efficacy is scientifically validated. While some competitors lack empirical validation, the company's evidence-based approach ensures reliable outcomes.

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### Technical specification or expertise sought

The company is actively seeking diverse partners to enrich our initiative. The ideal collaborators span various sectors, including:

1. Academic Institutions - collaborative studies can validate the efficacy of the company's VR therapy platform in controlled environments.
2. Research Organization - conducting clinical trials, ensuring the reliability and effectiveness of the company's therapeutic interventions.
3. Industry Partners - collaborating with industry partners, especially those specializing in VR technology, fosters innovation. Shared expertise can enhance the technological aspects of the company's platform, ensuring it stays at the forefront of virtual reality advancements.
4. Mental Health Professionals - partnering with psychologists, therapists, and mental health experts is essential. Their clinical insights guide the development of therapy modules, ensuring they align with established psychological methodologies.
5. Business Development Experts - professionals adept at market analysis and business strategy are invaluable. They assist in identifying market trends, crafting effective business models, and strategizing global market penetration. By fostering diverse partnerships, we aim to create a holistic ecosystem. These collaborations not only enhance the technical prowess of the company's VR therapy platform but also ensure its clinical efficacy and market viability, solidifying its position as a leader in the mental health technology landscape.

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### Stage of development

**Under development**

### Sustainable Development goals

**• Goal 3: Good Health and Well-being**

IPR Status

**Secret know-how**

## Partner Sought

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Expected role of the partner

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Type of partnership

**Research and development cooperation agreement**

Type and size of the partner

- **SME 50 - 249**
- **Big company**
- **R&D Institution**
- **Other**
- **University**
- **SME <=10**
- **SME 11-49**

## Dissemination

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Technology keywords

- **01005006 - Visualisation, Virtual Reality**

Targeted countries

- **World**

Market keywords

- **05007007 - Other medical/health related (not elsewhere classified)**
- **03008004 - Other electronics related (including alarm systems)**
- **05010003 - Patient rehabilitation & training**
- **05003001 - Therapeutic services**

Sector groups involved

- **Health**
- **Digital**