

Training with VR for volunteer paramedics at the German Red Cross (DRK)

The majority of paramedics at the DRK are volunteers. The volunteers waive their right to spend time with their families and friends for their work at the DRK. The project strengthens the voluntary work in the DRK. We give the volunteers time back - for their families + friends. Without a functioning and motivated volunteering in the ambulance and rescue service our society would stand still. No event - street festivals, sports events, concerts, etc. - without the assistance of medical and rescue services.



With the use of VR, individual learning modules are made available in virtual space in a participant-oriented manner. The use of modern technology will enable the DRK to strengthen its volunteer work and make the training of volunteer paramedics. One of the main problems of all volunteer organisations is the recruitment of junior staff and the time burden caused by volunteering. Our approach will enable us to make training for volunteers much more flexible in future - regardless of time and place (keyword "lifelong learning") - and thus reduce the time burden.

Within the DRK, the new training concept with VR can be scaled to all associations (19 regional associations, approx. 450 district associations and almost 4,500 local associations) via the Kreisverband Herford-Stadt e.V. (Herford City District Association). In addition, there is a very similar need among all welfare associations and voluntary organisations - Caritas, Diakonie, ASB, Malteser, Johanniter, voluntary fire brigades, etc. And this scaling has already begun!

The project started with the processing and provision of disaster and accident scenarios for training in the medical and rescue service. In the meantime, the project has also taken over the preparation of learning content and the provision of virtual learning environments for training and further education in the nursing professions as well as for family carers, first aid, disaster and civil protection and medical emergency care (shock room simulator). Training with VR in the DRK Landesverband Westfalen-Lippe e.V. supports lecturers in the Institute for Education and Communication (IBK) in designing modern and efficient learning and training content for the areas of care, first aid and the training of emergency paramedics.

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An initiative of the German Red Cross District Association Herford-Stadt e.V.



The project is supported by all participants, including the cooperation and industry partners, on a voluntary basis (and free of charge) with all necessary resources, such as time, personnel, technology, etc.

Currently the highlight of the project is the "RTW-Simulator". In the virtual room - an ambulance - the volunteers can train the safety of their actions for deployment in the real world.

How VR helps to save lives – digitalengagiert

<https://www.youtube.com/watch?v=wXDrseFjHe4>

With the help of VR glasses, volunteer paramedics can virtually immerse themselves in various exercise scenarios. With this idea the German Red Cross gets support from the initiative digital.engagiert of Amazon and the Stifterverband.

Garage accident at Starke & Höcker - exercise with fire brigade + rescue service

<https://www.youtube.com/watch?v=QvHW7uzyPU8>

The entire contents of the workshop accident are currently being prepared with the VR Studio (mobfish) in learning modules for the rescue service and use for the voluntary fire brigade Herford.

Visit us at one of the Demo Days or meet the volunteers who work for you every day - and for this project - at a Tuesday on-call evening in Herford.

Thank you for your interest and support!

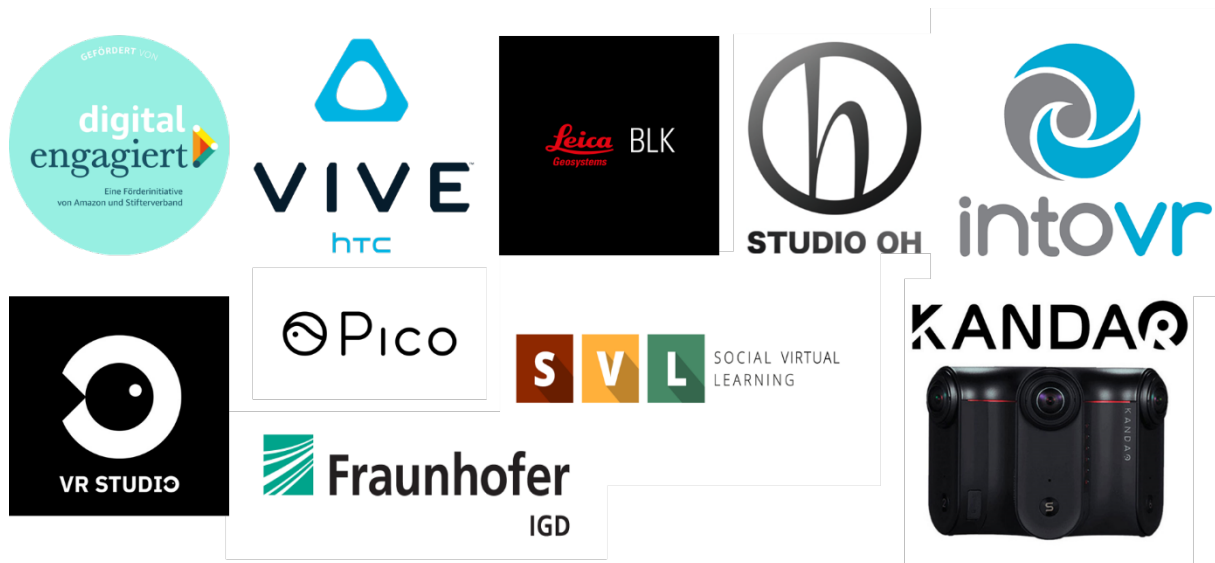
Simply call us on 0152 11451190 or send your inquiry / message by e-mail to fragen@ausbildung-mit-vr.de

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* For a functioning civil society and a strong voluntary service in the German Red Cross, are engaged among others...



A strong voluntary service needs you, me and all of us. Would you like to participate? Give us a call (0152 11451190) or send us an [E-Mail](#).

Further information / reporting about the project

DRK Wohlfahrt - [Ausbildung mit VR fördern](#)

Neue Westfälische - [Virtuelles Training für den Ernstfall](#)

Westfalen-Blatt - [Lebensretter üben in virtueller Realität](#)

Amazon - [Rettung per Brille – Wie VR hilft Leben zu retten](#)

Halbzeit bei **digital.engagiert**, der Förderinitiative von Amazon und Stifterverband - [Bergfest im virtuellen RTW](#)

Hexagon/Leica Geosystems BLK360 - [„That was really about making a perfect copy of an ambulance...“](#)

Fraunhofer IGD - [Rettungswagen-Simulator und Ingenieurs-Trainings](#)

Die Skalierung beginnt...

DRK KV Gütersloh - [DRK-Ehrenamtliche trainieren Ernstfälle virtuell](#)

Coming soon - Feedback and case studies from the DRK KV Bochum, DRK KV Bottrop, DRK Düren as well as the IBK - Institute for Education and Communication in the DRK Landesverband Westfalen-Lippe e.V.

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German Institute for Virtually Reality (DIVR) - DIVR Business Award 2019

German Red Cross (DRK) Kreisverband Herford e.V. wins the **DIVR Business Award 2019** in the category **"Best Impact"**.

This was the DIVR Business Award 2019

https://www.youtube.com/watch?v=qtFXyf84g_Y



German Institute for Virtually Reality (DIVR) - Website

<https://www.divr.de/rueckblick-divr-business-award-2019/>

The DIVR Business Award 2019 nominees were...

<https://www.youtube.com/watch?v=A7li1zosd9U>

