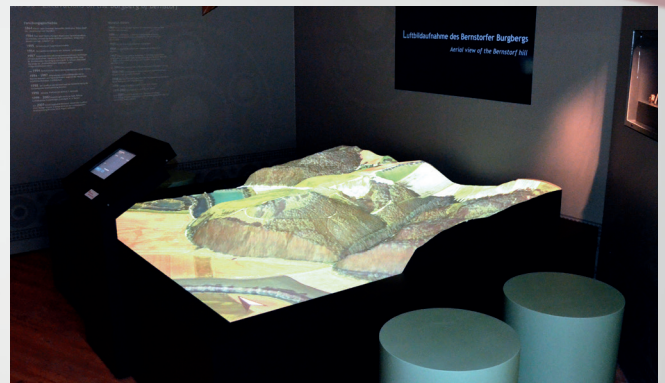# Advanced Presentation
Technologies

Modern 3D display technologies enable interaction with virtual objects and reconstructions, as if they actually where really there. ArcTron 3D utilizes various platforms:

The **zSpace 3D display** for example offers 3D head tracking and a 3D stylus to create interactive applications.

3D holograms create a fascinating effect for your exhibition. It even can interact with real objects placed inside of it.

With **terrain model projection** you can present multiple layers of information from a bird's eye perspective and provide interactive educational content for all age groups.

Virtual Reality

With the help of virtual reality technology, opportunities open up to experience virtual worlds in an entirely new way. An incomparable feeling of presence and immersion transports the viewer into other worlds and makes it possible to visit places that no longer exist, aren't accessible anymore or even have not yet been built. Whether you want a museum visitor to experience a bygone era or inspect an installation with your customer, before it is built – by using virtual reality these visions become real. Since the release of the first developer kits ArcTron 3D continuosly creates content for virtual reality headsets. That way we have the necessary experience with these devices and their special requirements in order to realize the virtual world of your imagination.

App Development

Modern platforms like smartphones and tablets have become a constant companion for many people and contemporary mobile applications are an essential tool to reach all target groups.

Whether informative companion apps or entertaining mobile games, ArcTron 3D provides innovative ideas and software solutions for many possible applications.

Augmented Reality

The augmented reality technology combines digital content with the real world. With the help of smartphones, tablets or in future even with digital eyewear, real images are seamlessly overlaid with a virtual layer in real-time. From simple information overlays to 3D models and interactive applications, there are numerous exciting possibilities. Expand your exhibition with an interactive component, combine classic exhibits with virtual content or present your products in an intuitive and modern way. ArcTron 3D will gladly assist you in the conception and realization of your ideas using augmented reality technologies.