

IMMERSIVE DECK



The Immersive Deck is a real-time holodeck based on a unique interactive multi-user concept. The "Triple-Track®" software fuses existing tracking and motion capture technology with high-end real-time rendering. Three different user setups let you choose the right grade of interaction and graphics quality that is needed for your application, from a light setup for showrooms up to highly interactive setups for complex simulations. A modular structure with state-of-the-art hardware can easily be upgraded as the market develops further. Therefore, the Immersive Deck is the most cost-efficient and long-term oriented solution on the market.



REALTIME

Due to the inside-out tracking technology, all relevant data run the shortest way and guarantee the user an experience with the lowest latency possible. The high performance XMG Walker computing backpacks and the Triple Track® software are optimized to provide best VR resolution and highest precision in tracking.



LARGE SCALE TRACKING

The Immersive deck is the only VR platform worldwide that truly enables you to freely walk about indoors and to install it in common premises. All existing structure can be integrated and you can even walk from room to room. There is no large and expensive wall-less space needed and no circle of cameras will limit the platform area. You only have to place some markers and the rooms have to be digitized just once.



TEAMPLAY

Most common systems have a limited amount of users. The structure of the Immersive Deck, however, allows for as many users as you want. Users can also enter and exit the platform while others are already inside. You can even run different user setups in the same session and also increase the amount of users later if needed. The Immersive Deck is built to grow with your requirements!