



BMI, VR, AR and MR

HPC Project Abstract

One major challenge in designing a human-centered building or workspace has always been communication throughout the design process. How do architects and designers use available mediums to communicate their vision in a way that helps owners, users, approvers, lenders, and contractors understand all the details in what is proposed to be built? This is especially relevant in architecture, one of a handful of art forms where the designer doesn't physically create the final product. The environment ultimately relies on the understanding of many others for successful implementation.

Through this study, we examined the best visual tools for client communications in the design process. By doing so, we hoped to emphasize the importance of helping clients comprehend and visualize the true intended design. To accomplish this, we explored multiple options to determine the most effective visual presentation tools and techniques to maximize client understanding of the overall vision, as well as the complexities of what designers are proposing.

Our research results demonstrate how designers can evaluate and deploy the right tools to match each client's comfort level in understanding and communicating visually, through the examination of numerous presentation options available. Ultimately, we believe if designers can properly coach clients and users through the mental, physical, and technical barriers posed by new visual presentation technologies, clients and users will develop a better understanding of design concepts. This will enable them to be more engaged in the review and approval of final designs.

About the ONEder Grant Program

One Workplace, the largest workplace solutions company on the West Coast, launched the ONEder grant program in 2019 to support and celebrate thought leadership in the architecture and design community. As forward-thinking thought leaders in their own right, One Workplace strives to elevate the roles of architects & designers in the constantly-changing landscape of the modern workplace.

A new round of grants is currently open for applications. In 2020, One Workplace will award up to four grants of \$20,000 each to firms in the Bay Area and Sacramento. For more information, please visit:
<https://go.oneworkplace.com/oneder-grant-application>.