



## How Technology Can Improve Stakeholder Engagement for a Successful Project Lifecycle

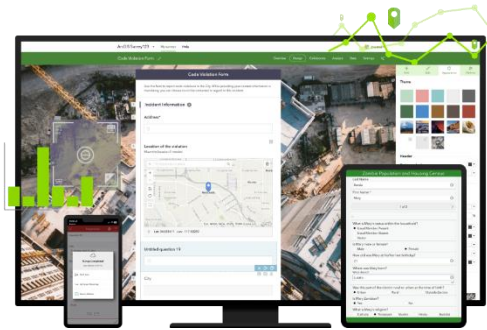
Michael Boisvert

Director of Geospatial & Data Solutions





Please scan this QR code for a quick survey! It will provide analytics during this presentation which I will show at the end



#### GBA BIZTECH

“Our mission is to identify innovative technologies in the geoprofessional industry. Through collaboration and knowledge-sharing, we strive to disseminate current technological tools available that support our member firms in reaching their full potential. We aim to serve as a resource and advocate for our member firms in navigating the rapidly evolving landscape of technology and its application to the geoprofessional industry.”



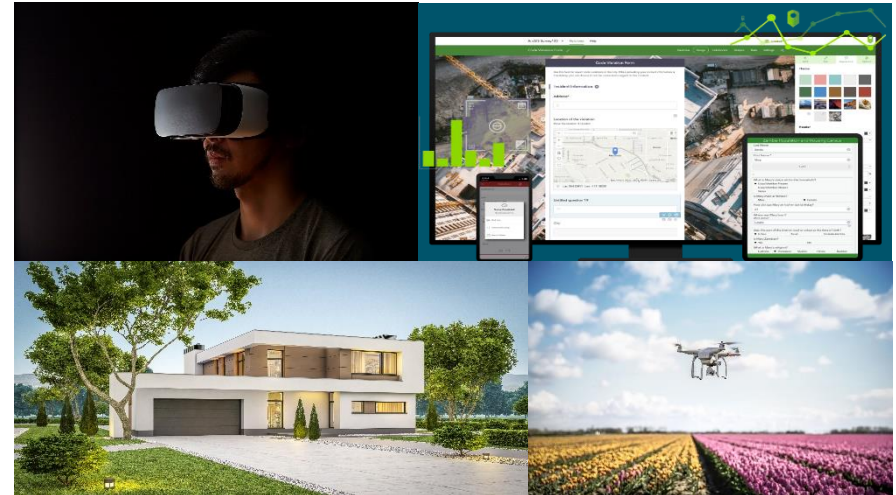


Where we were:

- Costly physical scale models, with time-consuming iterative design changes.
- Complicated design process with stakeholders challenged by 2-dimensional visualization.
- Static Stakeholder engagement discussions based on limited data points for analytics.
- Decentralized data for design and analytics. (Multiple points of unaligned data, lack of software integration, inability to file share).

Where we are:

- 3D Visualization with efficient iterative design changes, enabled with Virtual or Augmented Reality.
- Digital web-based survey and live analytics for stakeholder feedback and input.
- Centralized data management and storage integration between multiple software sharing a single point of truth.

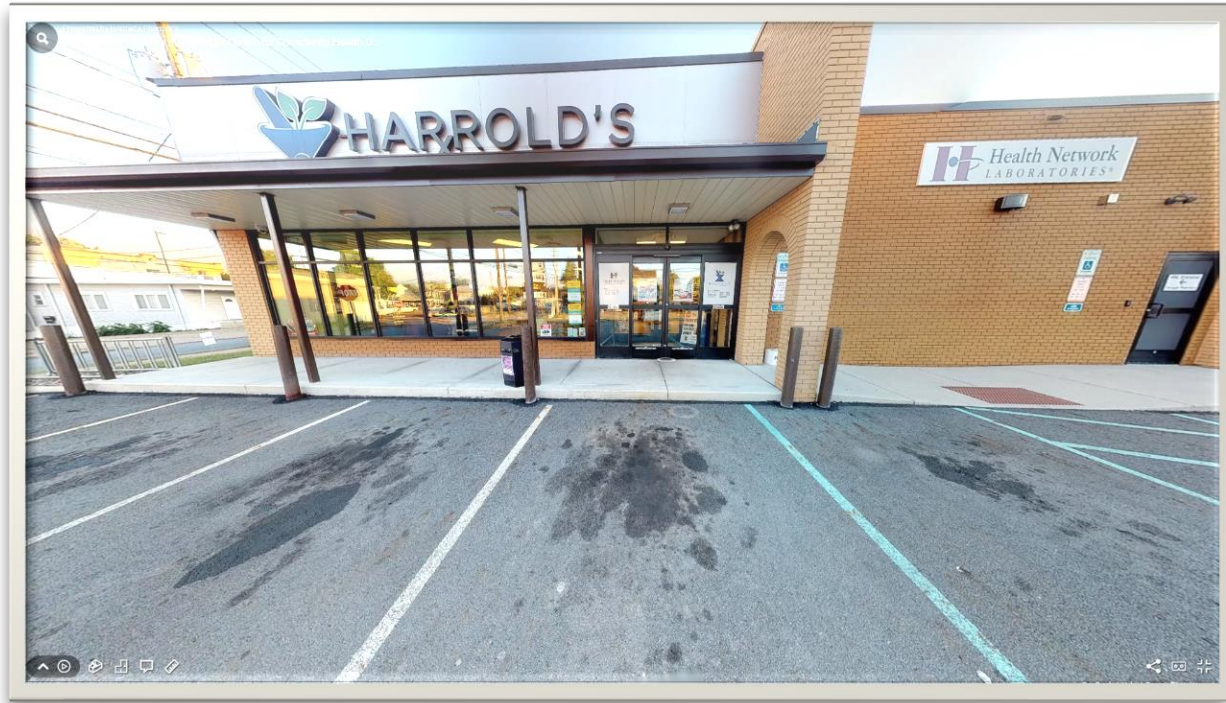




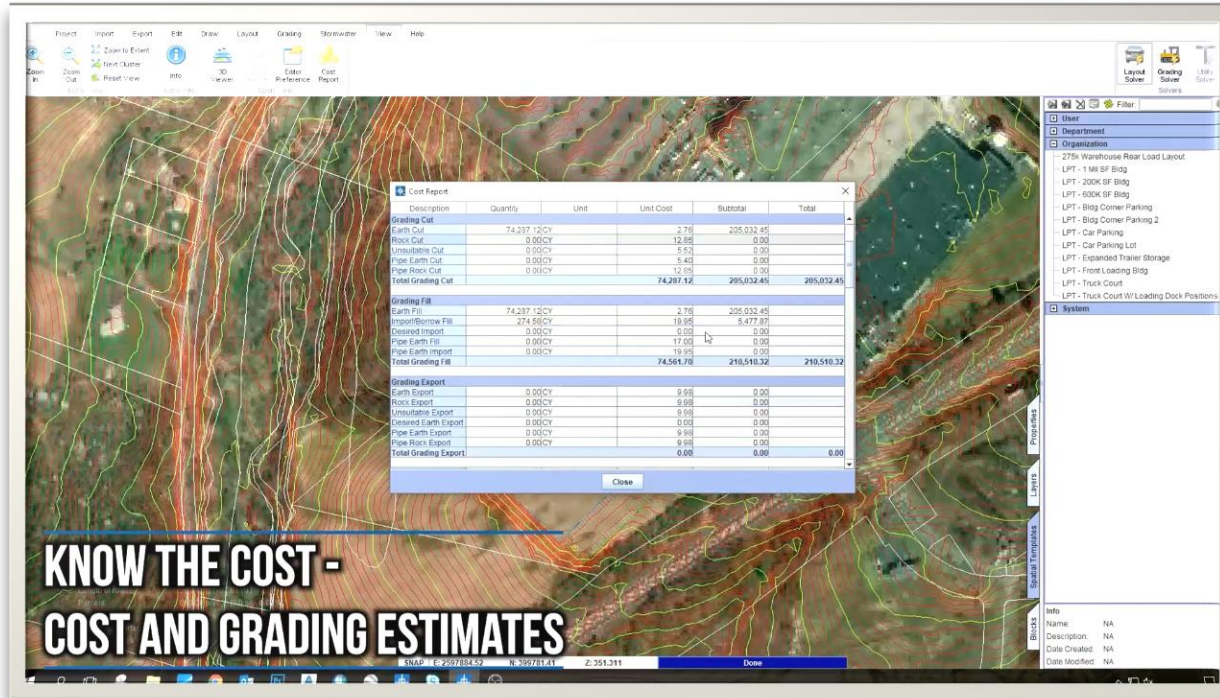
# Reality Capture and Augmented Design



# Virtual Walkthrough or Site visit



# Virtual Walkthrough or Site visit





# Digital Site Visualization



## Better Stakeholder Engagement: How Technology Can Improve Stakeholder Engagement for a Successful Project Lifecycle



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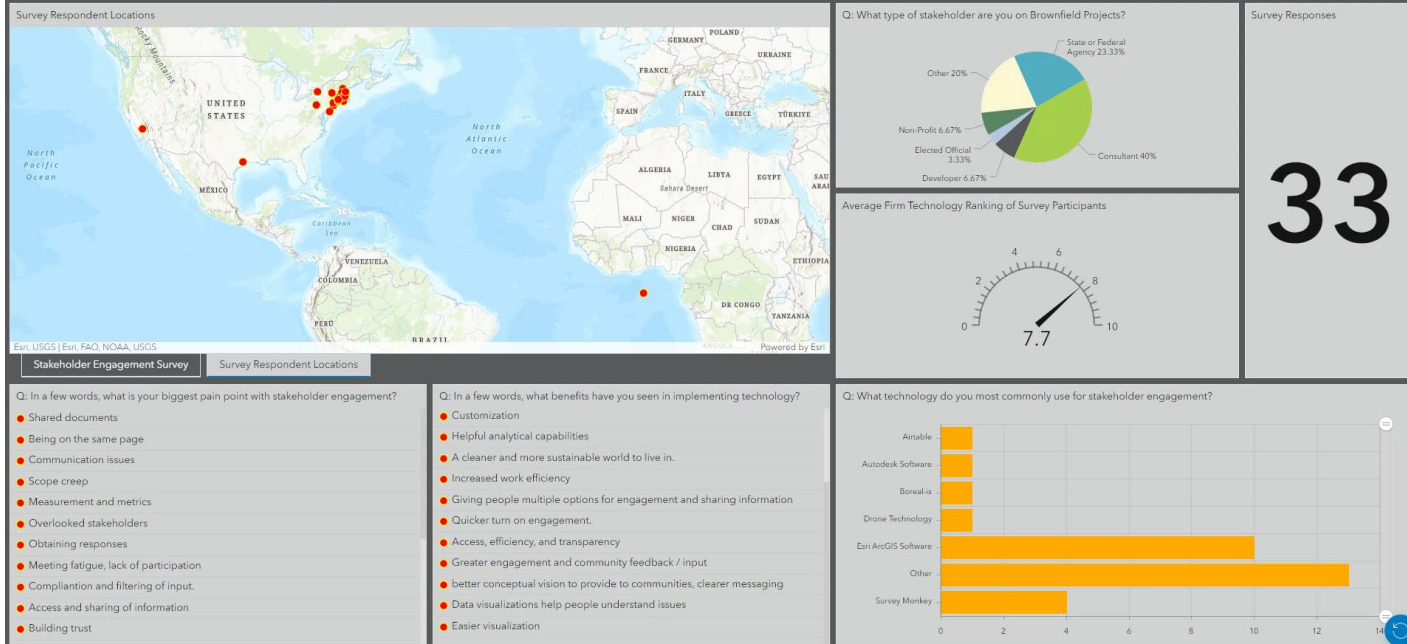


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# Digital Survey and Analytics

## GBA 2023 Fall Conference Technology Dashboard



# Q&A