# MIXED REALITY



Joseph Marina Oct 4 2018



### ABOUT US

LMI is a consulting firm dedicated to improving the management of government. With more than 1,000 consultants, we design and implement solutions to some of the toughest problems facing government managers in logistics, information technology, and resource allocation.



#### **INSIGHT**

Our innovative problem solving provides valuable insights into possible solutions.



#### **OBJECTIVITY**

Our independence ensures we operate free from conflicts of interest.



#### PRACTICAL RESULTS

Our solutions are outcome driven and results oriented.



#### SHARED PURPOSE

Our shared spirit of public service and deep knowledge of government operations enhance our recommendations.



#### SIGNIFICANT VALUE

Our net revenue supports our mission, not shareholder return, delivering more value per dollar.



### MIXED REALITY AND IMPACT ON DATA

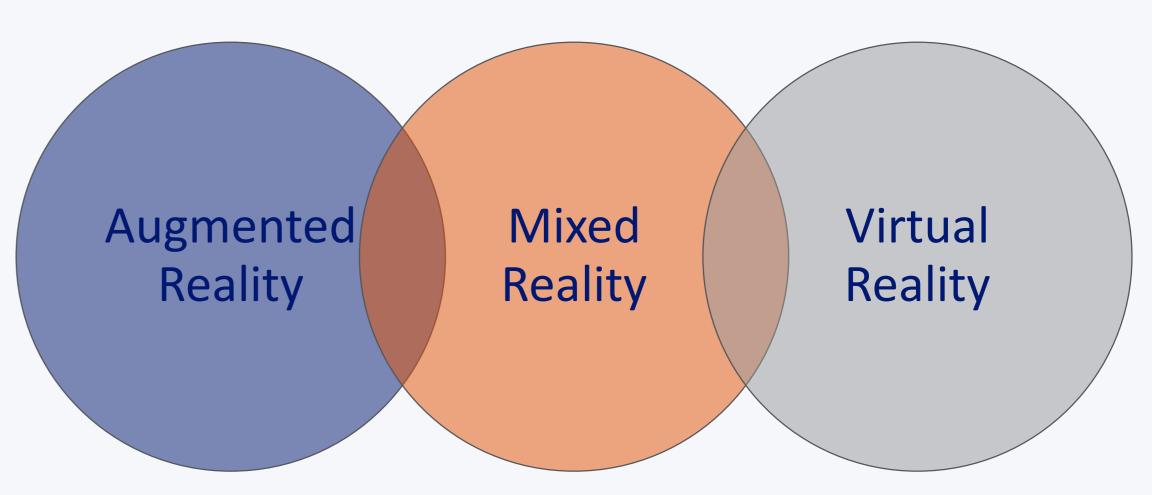
#### **Data Redefined**

 The ability to make data interact with its environment is the next step in the evolution of data and data services



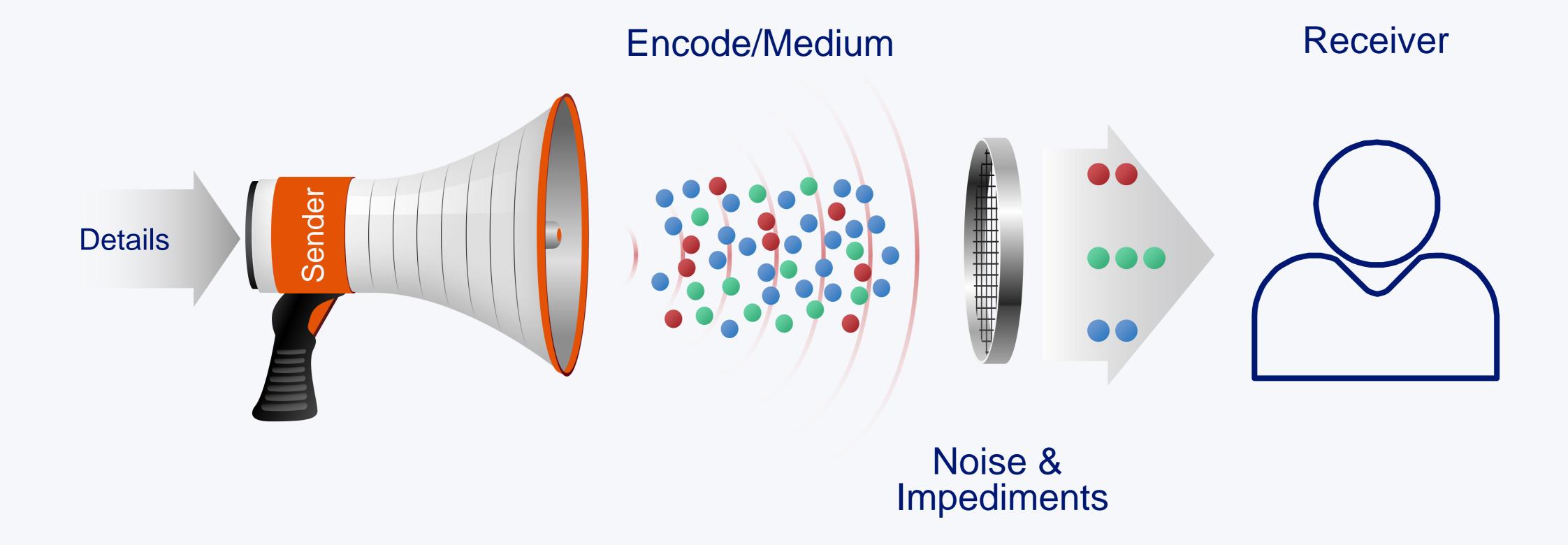
#### AR vs MR vs VR

- Augmented Reality is an overlay of virtual content onto the real world
- Mixed Reality is a mix of the real world and a virtual world, allowing the virtual world to respond to the real world
- Virtual Reality is an entire virtual world





# COMMUNICATION

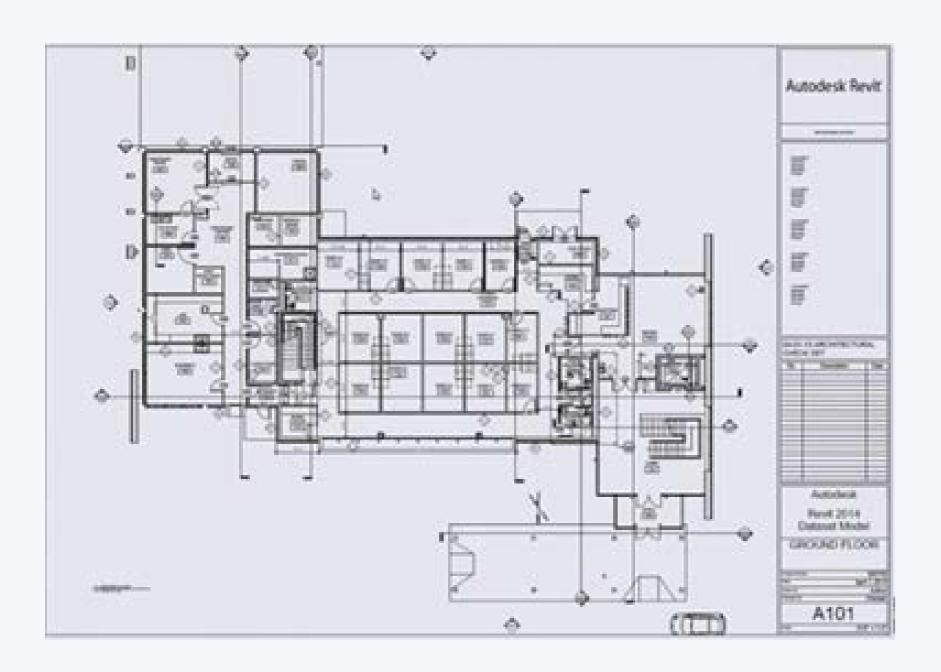




### OUR APPLICATIONS

### Spatial planning

- Communicating spatial plans has challenges:
  - Laborious symbolic
  - No Interaction
  - 2D



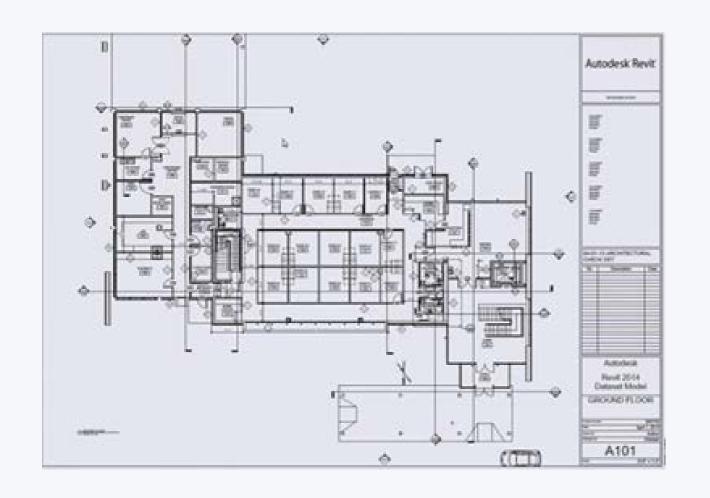
### **Training and Maintenance**

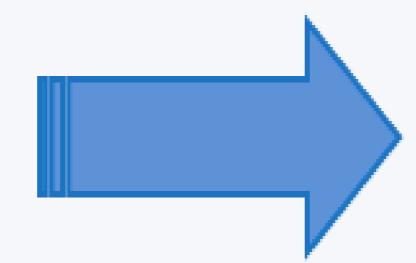
- Communicating physical actions has challenges:
  - Lack of engagement
  - No familiarity with physical interaction
  - Scarcity and cost

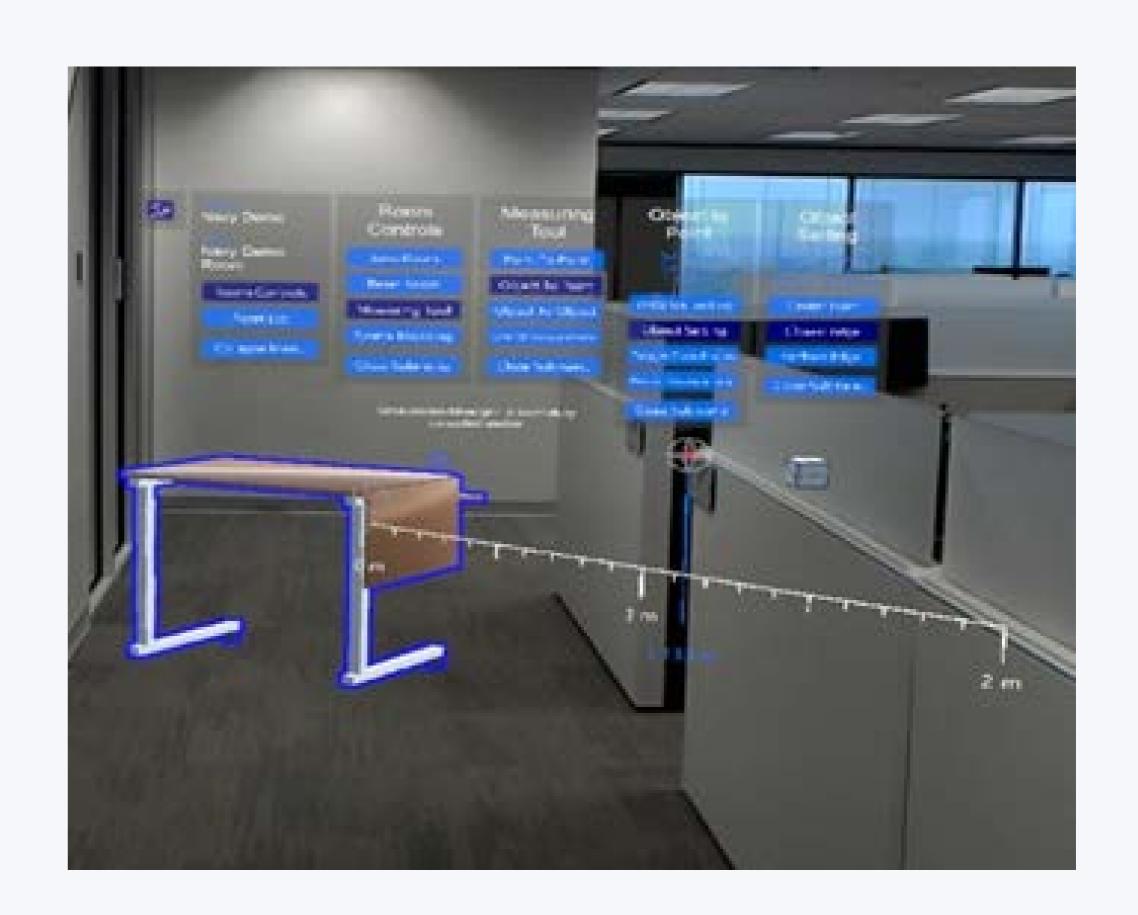




# SPATIAL DESIGN AND PLANNING

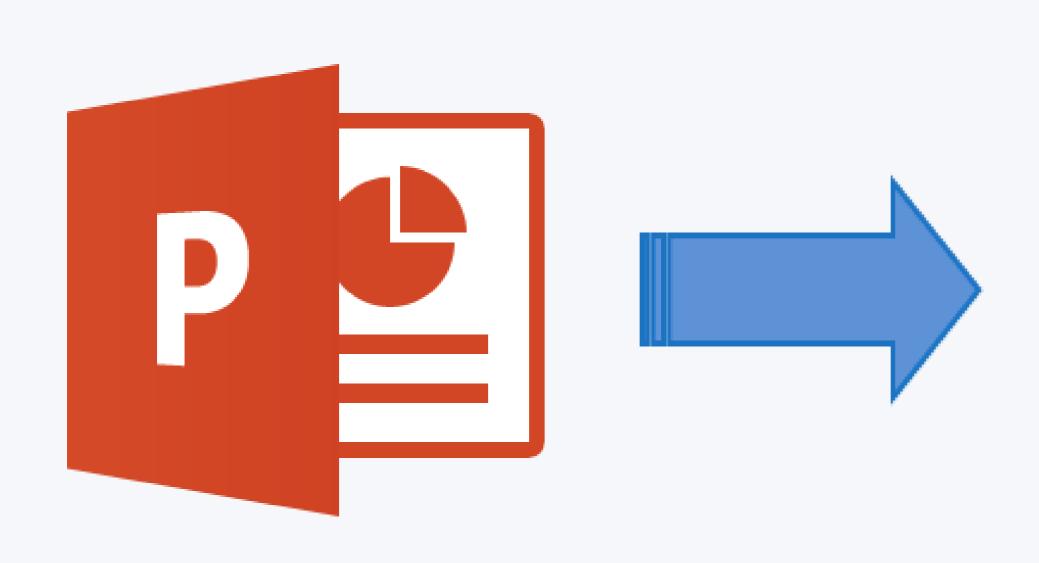


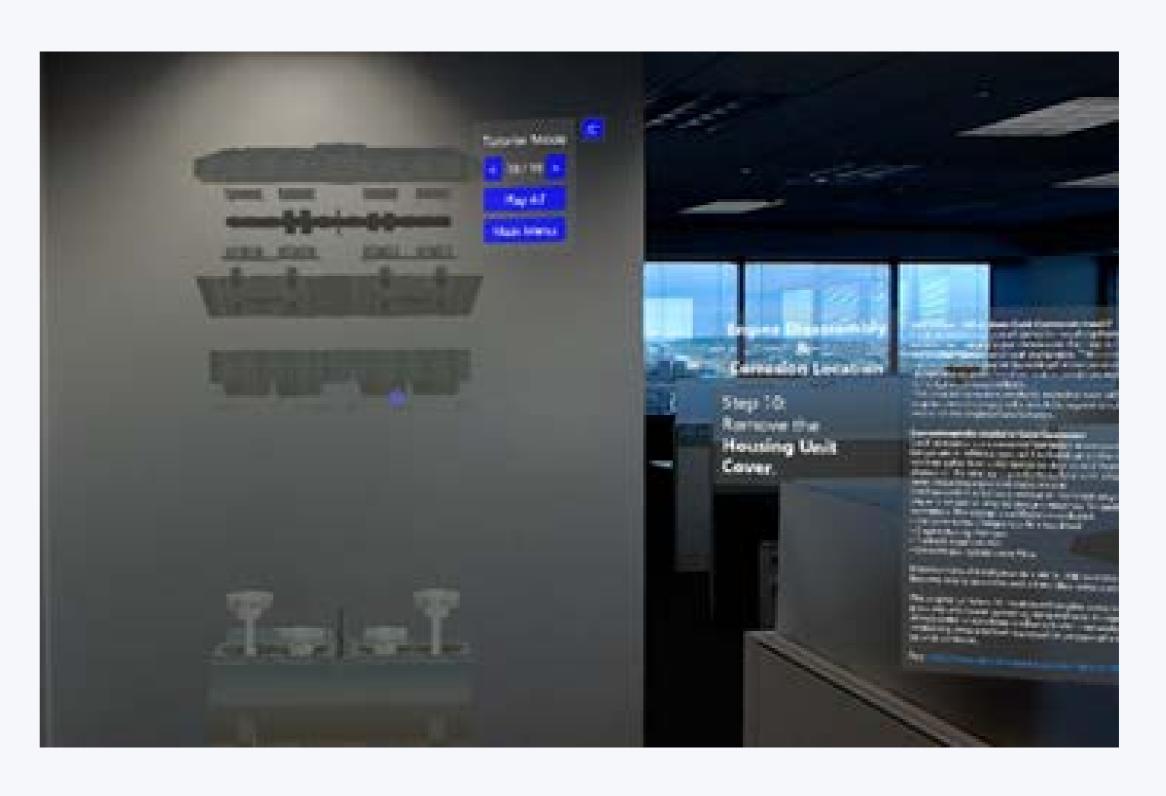






# TRAINING AND MAINTENANCE







### CONTACT US



Debra Dennie

Digital Services Strategy ddennie@lmi.org (210) 526-8101



Joseph Marina

MR Project Leader jmarina@lmi.org (210) 526-8114



Sinclair Harris

Business Development sharris@lmi.org (517) 633-7670

