

## Information is the world's next natural resource

2



Technological advances have opened the door for a new order of intelligent infrastructure inside our cities.

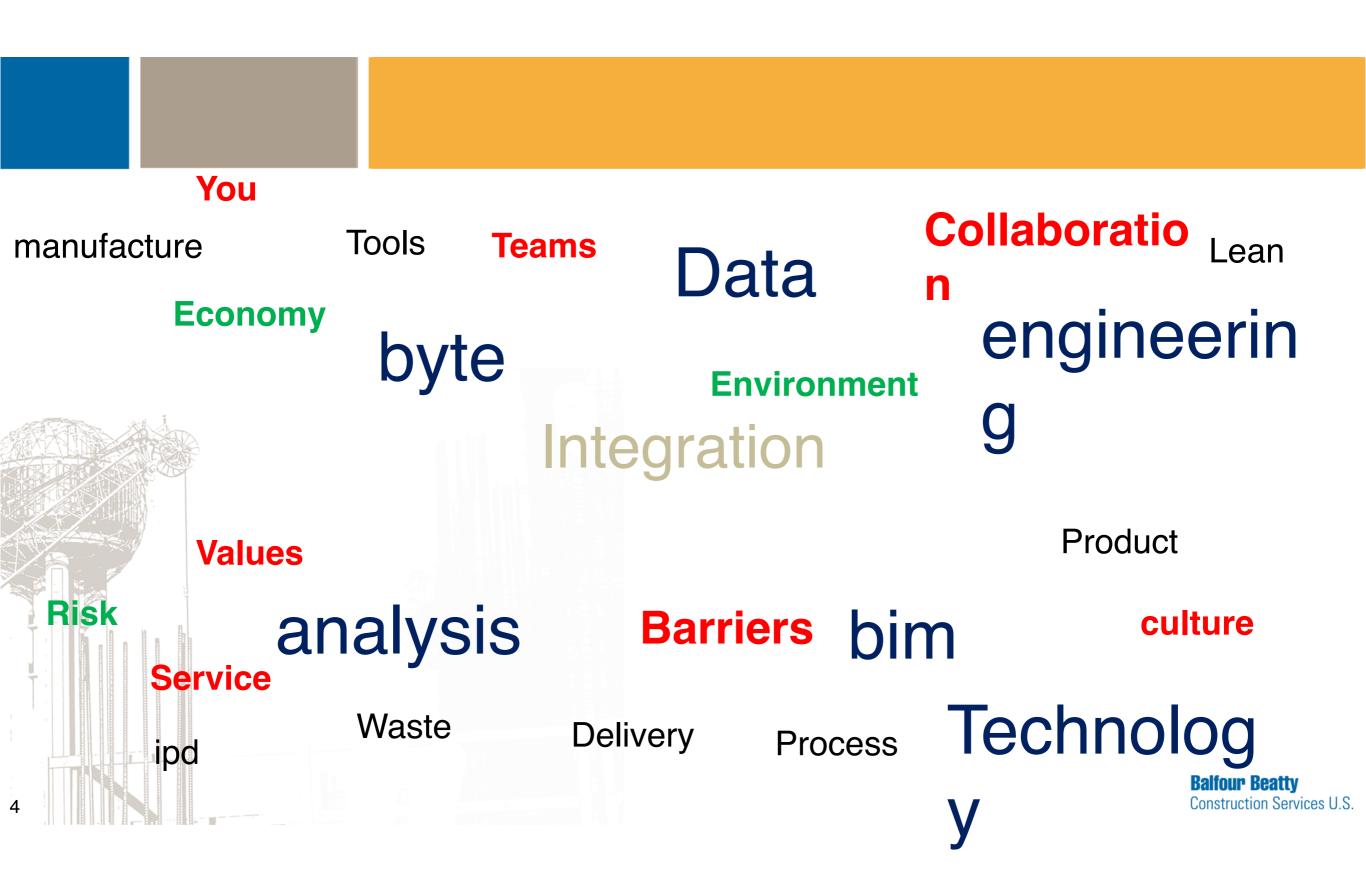


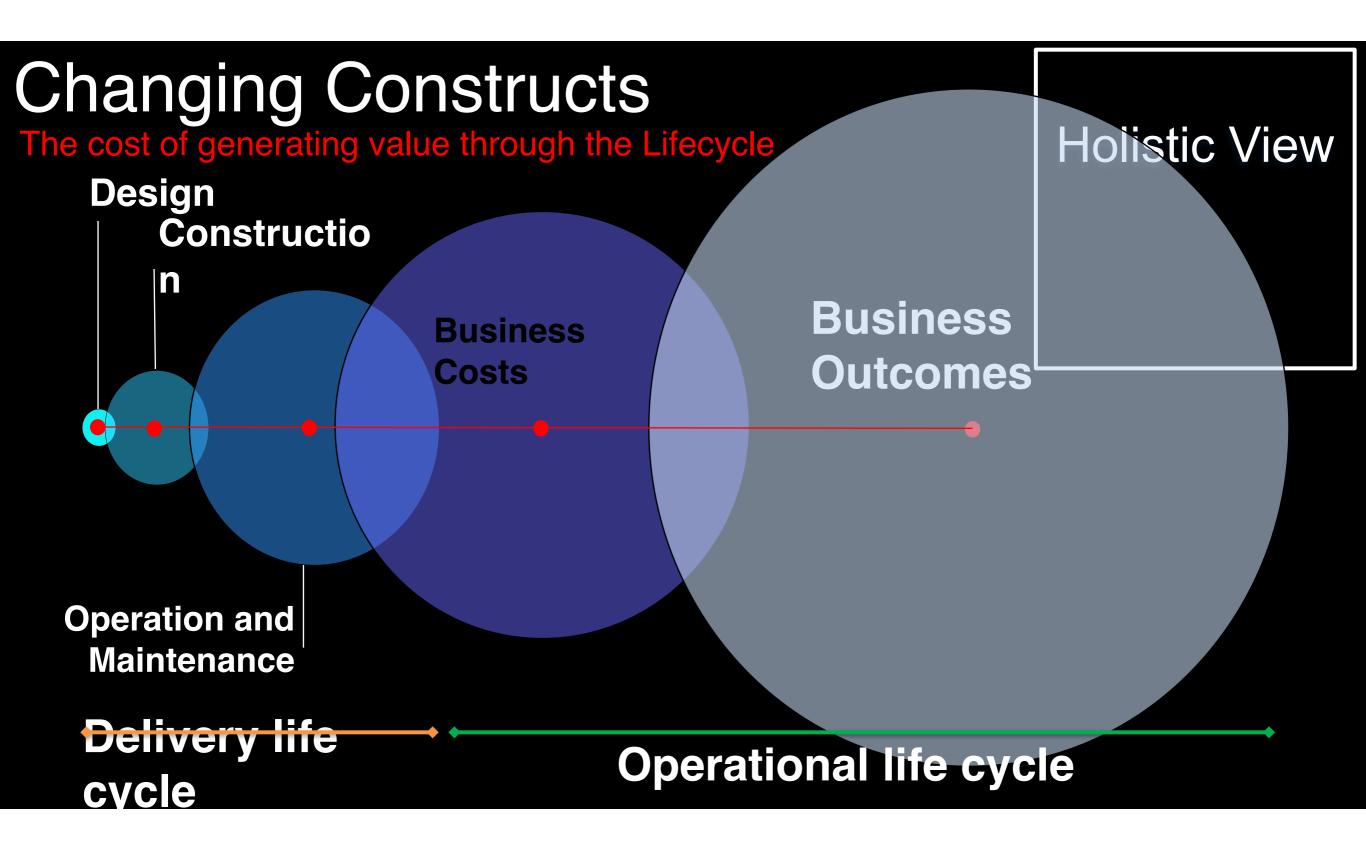
3

In city buildings, thousands of wireless sensors monitor everything from motion and temperature, to humidity, precipitation, occupancy and light.

Sensors, meters and RFID tags are being embedded in cars, roads, pipelines, and the wheels on a train. Analytics tools then sift through the collected information to help cities respond in real time to changing conditions and keep everything running safely and efficiently.

And from central command centers, cities can manage not only their IT and data centers but also physical assets like water mains, office equipment, heating systems, and fire hydrants.



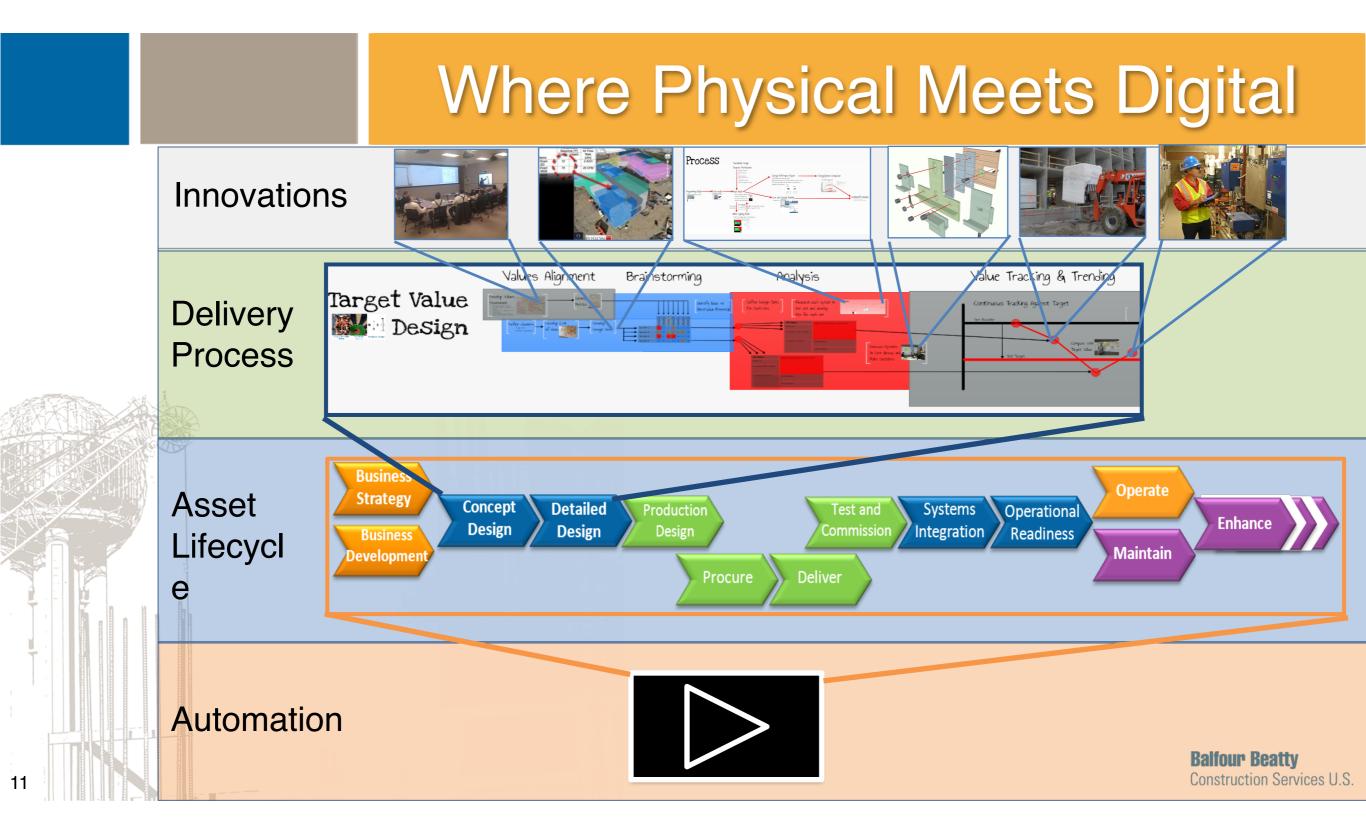


## Integration Issues we Face

"Seams"

8

- Unwind the silos
- Make R&D front burner
- May mean we have to lead differently "system think"
   Culture of analytics
   New forms of collaboration and automation



- Collaborate to Learn
- Apply to Innovate

12

Instrument to Manage
Integrate to Analyze
Optimize to Automate

