#### **AUTODESK UNIVERSITY**

# BLD500036 Digital Twin for Building Owners 2021 Optimizing Data and Delivery

### **Panelist**

Brandon S. Wlosinski & Ken Kurihara - Walt Disney Parks & Resorts Bill Kwon - Arcadis CRTKL Bob Bray - Autodesk Tandem Lydia Tom - Autodesk University (Panel Moderator) Dorian Chau - Autodesk Consulting (Panel Facilitator)

## Meet the Panelist











**Brandon S. Wlosinski** BIM Technical Specialist

Walt Disney Parks and Resorts Disney World



Walt Disney Parks and Resorts Disneyland

**Bill Kwon** VP of Digital

CallisonRTKL

**Bob Bray**Sr. Director & General Manager

Autodesk Tandem

**Lydia Tom**Sr. Event Experience Manager
Panel Moderator

Autodesk University

**Dorian Chau**Principal Business Consultant
Panel Facilitator

Autodesk Consulting



# **POARR**

#### Agenda 60-minute Panel format (AU is recording)

Panel Format: more workshop like with Active dialogue, questions, diagrams to review and Mural ideation

Time	Action
5 min	Welcome, Speaker self intros and Panel Approach
5 min	POARR – Purpose, Objectives, Agenda, Roles and Rules
35 min	Opening Digital Twin statement, workshop only discussion (Lydia monitoring income questions from Chat)
10 min	Audience to Panel Q&A
5 min	Final thoughts and wrap up.

#### **Purpose**

The purpose of this Panel is to exchange ideas, insights and experience focused on Data understanding for Digital Twin methodologies for Building Owners.

By the end of this Panel, our goal is for you to have a greater understanding and strategic outlook of a Data Centric approach for DT to take back to your business.

#### **Objectives**

- 1. Sharing Digital Twin strategy
- 2. What are the business values for Digital Twins
- 3. Identify Digital Twin use cases
- 4. What are the benefits in a Digital handover

#### Roles

- Audience unlike AU classes, this is fully live and please ask your questions in the chat. Open Q&A will have about 10 min at the end.
- 2. Panelist: Brandon, Ken, Bill and Bob
- 3. Dorian Facilitator
- 4. Lydia Moderator

#### Rules

- 1. When asking your question, please turn on your webcam. For context, please state your name, company before asking.
- 2. Avoid "multi-tasking" during this Panel but have a drink of choice handy
- 3. Mute any distracting background noise from eating, typing, phone calls, kids, pets, construction and during any tiktok challenges
- 4. Panelist can call ELMO (Enough Let's Move On) on anyone (including me), limit monologuing cause of time limitations (unless you are explaining your evil plots...)

## Digital Twin Maturity for Buildings Owners

#### **AUTONOMOUS**

#### **COMPREHENSIVE**

Can learn and act on behalf of users

#### **PREDICTIVE**

To leverage that operational

Informative Data

**Property Mgmt** 

data for insights

Data Consumers

**Data Source & Authors** 

Simulation for future what-if scenarios

#### Data Source & Authors



**Predictive Data** Own Owner / Operator

Property Mgmt

#### Data Consumers



Owner / Operator FM (feasibility) Property Mgmt Data Managers Project AEC (future)

#### Data Source & Authors



Comprehensive Data AI/ML/ Quantum Computing ⊗ – ⊗ Data Analytics

#### **Data Consumers**



Owner / Operator FM (feasibility) **Property Mgmt** Data Managers

#### **INFORMATIVE**

Additional operational and sensor data

#### Data Source & Authors



Descriptive Data Senor Data 

**Property Mgmt** 

#### **Data Consumers**



Owner / Operator Project AEC (Future) FΜ **Property Mamt** Data Managers

**Á-**À

Owner / Operator Project AEC (future) **Property Mgmt** Data Managers

#### Optimized Capital Growth

Optimized Capital Operations

Optimized Capital Design and Construction

#### **Business Value**

# Digital Transformation

**DESCRIPTIVE** 

A (live editable) version of the

Building data (existing, new &

Project AEC (origin)

Owner / Operator

Project AEC (origin)

**Data Source & Authors** 

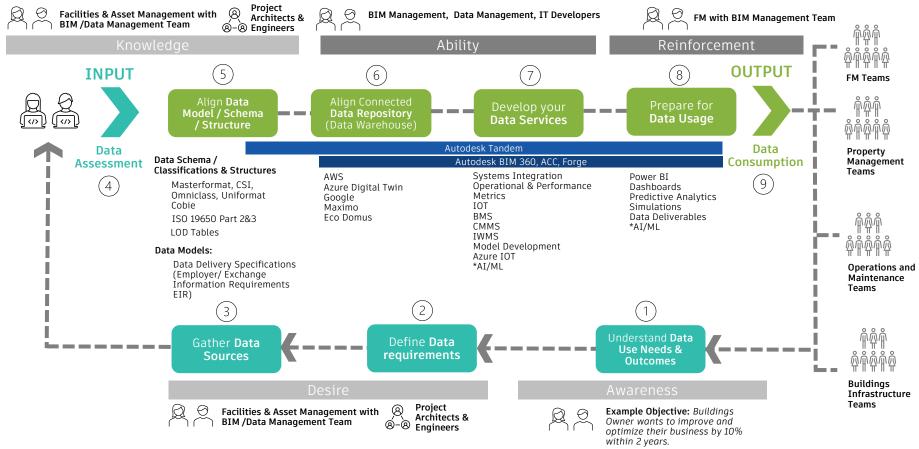
⊗ – ⊗ Property Mgmt

FM

Data Consumers

validated)

## Data Strategy for Digital Twin for Building Owners



# Thank you!

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