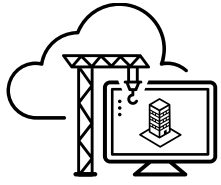


DIGITAL  
CONSTRUCTION  
SUMMER SCHOOL

# MANAGING ASSETS USING THE BIM 360 ASSETS MODULE





DIGITAL  
CONSTRUCTION  
SUMMER SCHOOL

## MANAGING ASSETS USING THE BIM 360 ASSETS MODULE

**Deepak Maini**

**National Technical Manager – Named Accounts  
Cadgroup Australia**

- Top selling author
- Multiple award-winning speaker
- Guest lecturer
- Autodesk Expert Elite
- Mechanical Engineer





DIGITAL  
CONSTRUCTION  
SUMMER SCHOOL

# UNCLEAR COMMUNICATION LINES BETWEEN TEAMS

Rework costs the construction industry  
over **\$15 Billion** a year

*Construction Institute*







DIGITAL  
CONSTRUCTION  
SUMMER SCHOOL

# MISSING PROJECT DATA

**62%**

of construction professionals  
transfer field data manually  
or via spreadsheets

**30%**

of data created during design  
and construction is lost by  
project closeout.





DIGITAL  
CONSTRUCTION  
SUMMER SCHOOL

# Consequences on Assets





DIGITAL  
CONSTRUCTION  
SUMMER SCHOOL

- Increased Schedule Delays
- Cost Overruns
- Increased Risk & Potential Liability
- Poor Client Relationships







DIGITAL  
CONSTRUCTION  

---

SUMMER SCHOOL

# BIM 360 ASSETS





DIGITAL  
CONSTRUCTION  
SUMMER SCHOOL

☒ Barcode / QR Code  
Scanning

☒ Customizable

☒ Centralized  
Documentation

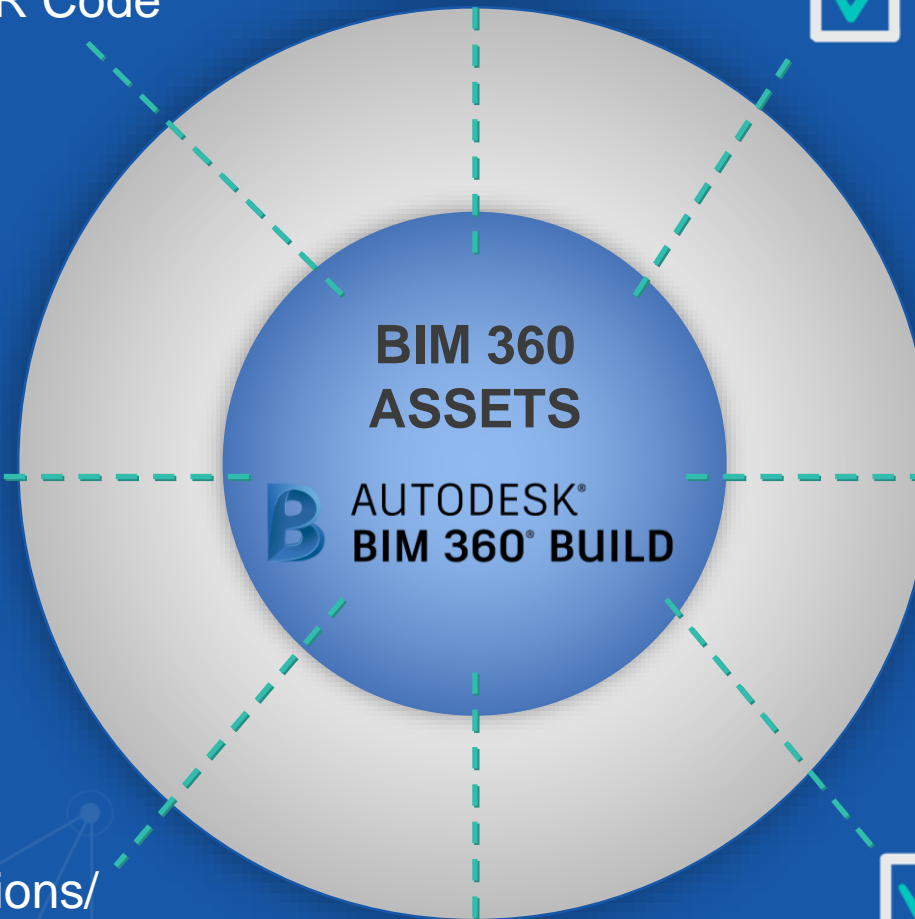
☒ Mobile Accessibility

☒ Asset List Imports

☒ Inspections/  
Testing

☒ Defects

☒ Integrated Project  
Management







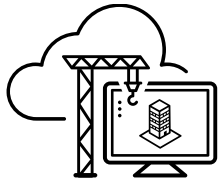
DIGITAL  
CONSTRUCTION  

---

SUMMER SCHOOL

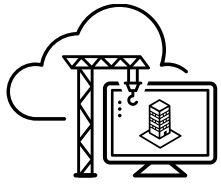
# BIM 360 ASSETS COURSE





**DIGITAL  
CONSTRUCTION**  
SUMMER SCHOOL

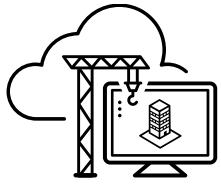
MODULES	COMPLETION HOURS		
	EDUCATORS	STUDENTS	TOTAL
<b>LESSON 1</b> Introduction to BIM 360 Build	1 hour	5 min.	1 HOUR 5 MIN.
<b>LESSON 2</b> Introduction to Document Management	1 hour	15 min.	1 HOUR 15 MIN.
<b>LESSON 3</b> Setting up assets from scratch	45 min.	25 min.	1 HOUR 10 MIN.
<b>LESSON 4</b> Importing assets in bulk	1 hour	30 min.	1 HOUR 30 MIN.
<b>LESSON 5</b> Create and assign QR codes to the assets	30 min.	30 min.	1 HOUR
<b>LESSON 6</b> Working with assets	1 hour	45 min.	1 HOUR 45 MIN.
<b>TOTAL</b>	5 HOURS 15 MINUTES	2 HOURS 30 MINUTES	



# Course Inclusions

- Instructor Manual
  - Details of Course Setup
- Lesson Plan (for Instructors)
- Quiz Answers (for Instructors)
- Handout (for Students)
- Student Activities for Each Lesson
- Challenge Activities
- Dataset
  - HVAC and Structure Revit Models
  - Federated Navisworks Model
  - QR Codes
  - O&M Manuals (to be attached to the assets)





# BIM 360 Admin Tasks Automation

- Add students to the project using a Script
- Locations
- Checklists
- Assets Settings Import Spreadsheet
  - Categories and sub-categories
  - Custom attributes
  - Custom Status sets
- Mechanical Assets Import Spreadsheet
  - To import assets



DIGITAL  
CONSTRUCTION  

---

SUMMER SCHOOL

# LIVE DEMO (COURSE SETUP)





# AUTODESK<sup>®</sup>

Make anything<sup>™</sup>