www.conservesolution.com



Transforming Construction Collaboration with BIM 360

info@conservesolution.com

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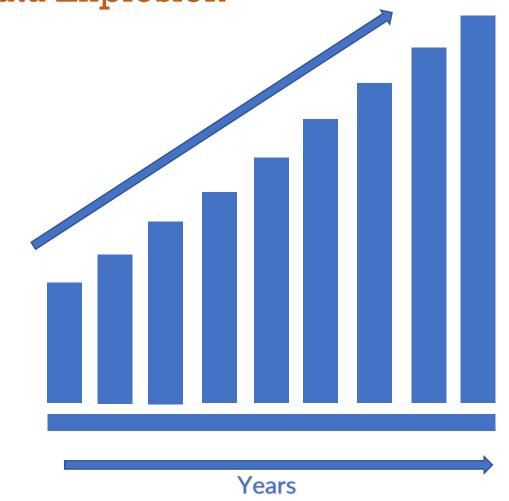
Data

South of Engineering and the south of the so

"Data is the new oil of the digital economy, fueling innovation, driving insights, and empowering decision-making."



Data Explosion





Global Data Volume

2000 : 800 TB

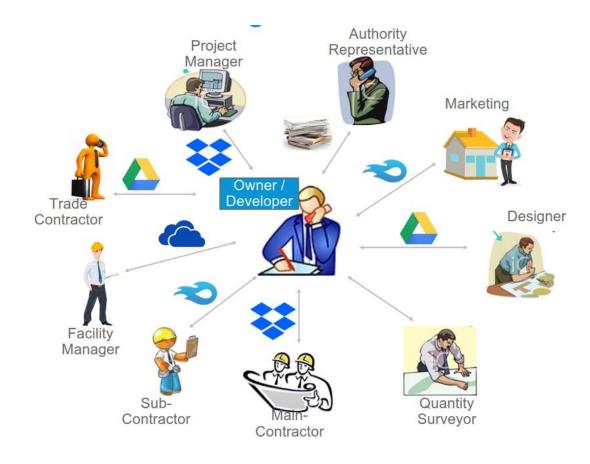
Data

2010 : 7000 TB

2020:64000 TB

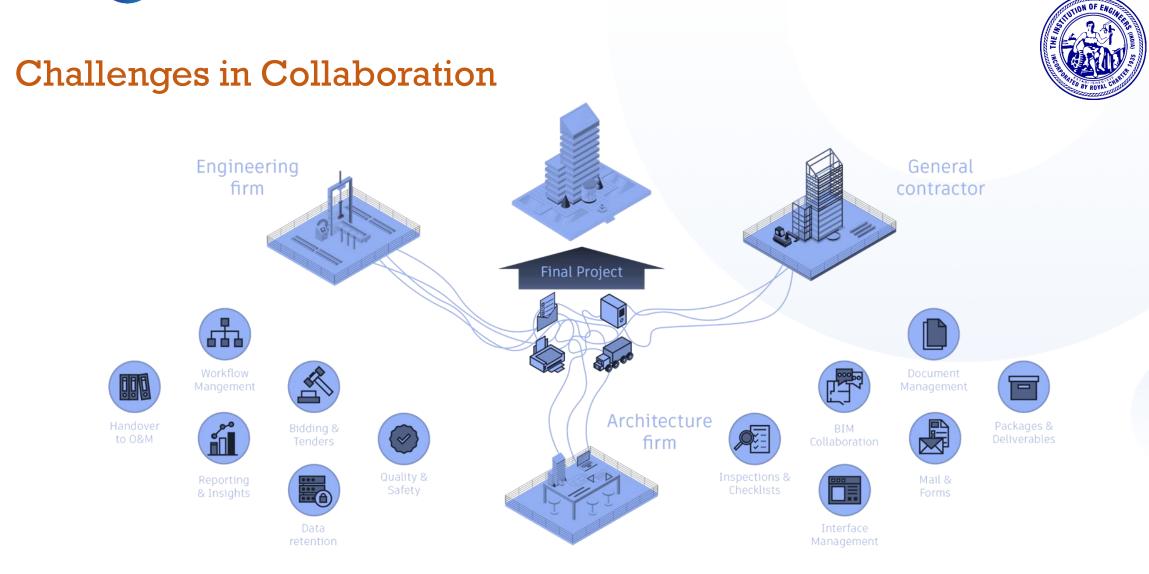


Current trend in AEC Industry











Current Implementations

Cloud-based collaboration



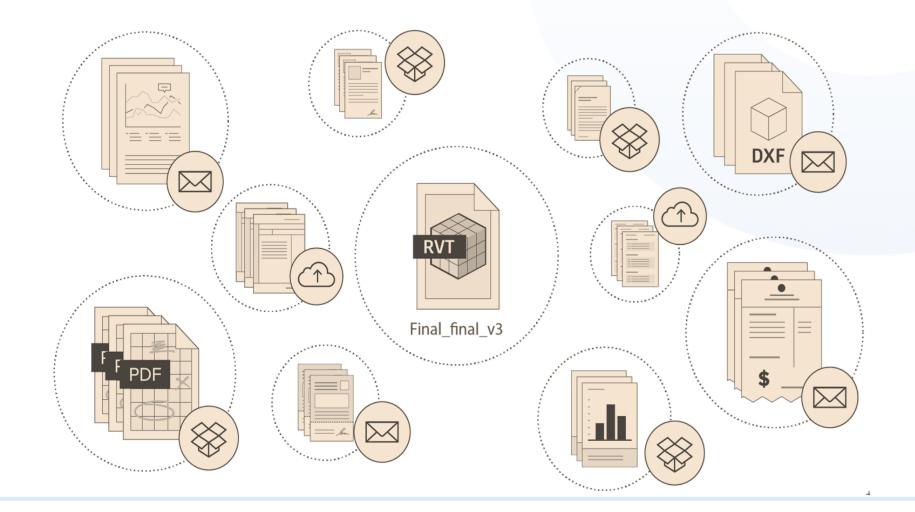
- Cloud storage
- File sharing
- Access rights
- Mobile access
- Version control



- Issue creation
- Plan viewers
- Offline access
- Markups
- Reports



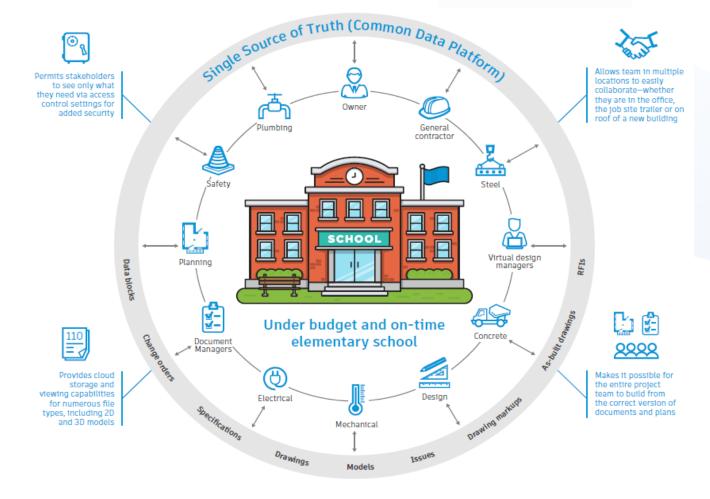
Result of Current Implementation (Information Silos)







Common Data Environment

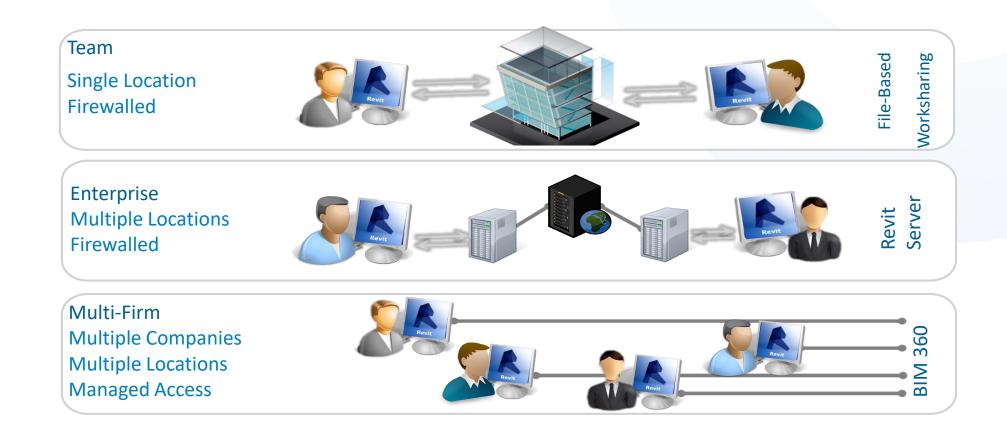






BIM Collaboration Methods

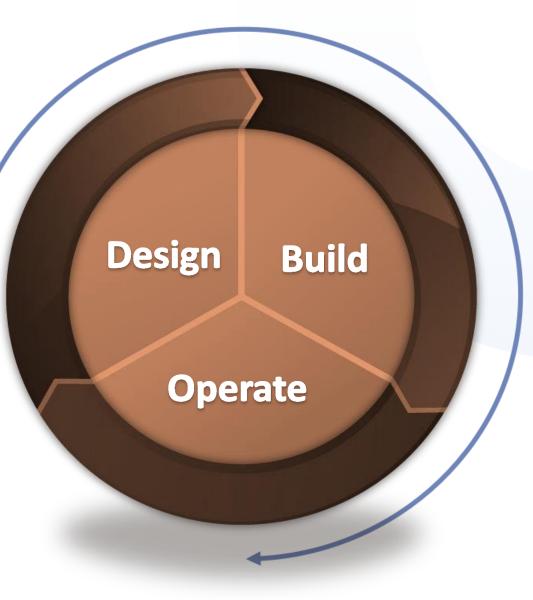






BIM 360

From: Design Pre-construction Multi-discipline coordination and planning



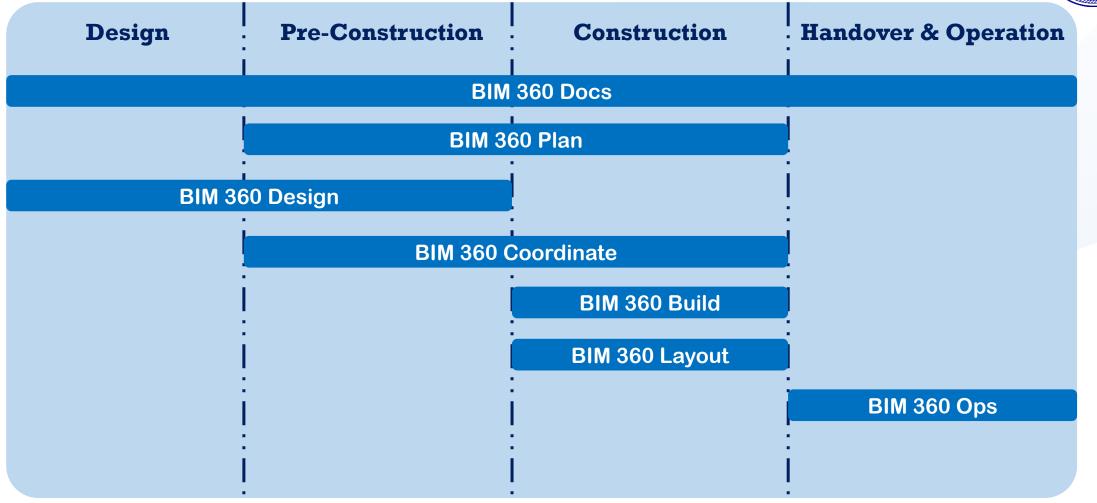


To: Field execution Commissioning Handover Operations



THE REAL CONTRACTOR

BIM 360 Modules





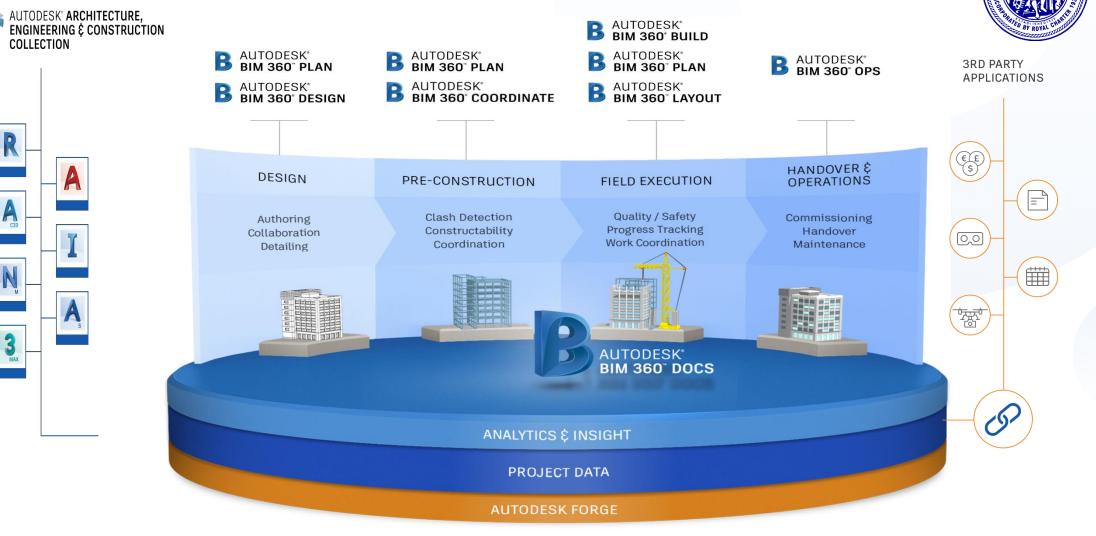
BIM 360 Modules







BIM 360 Modules





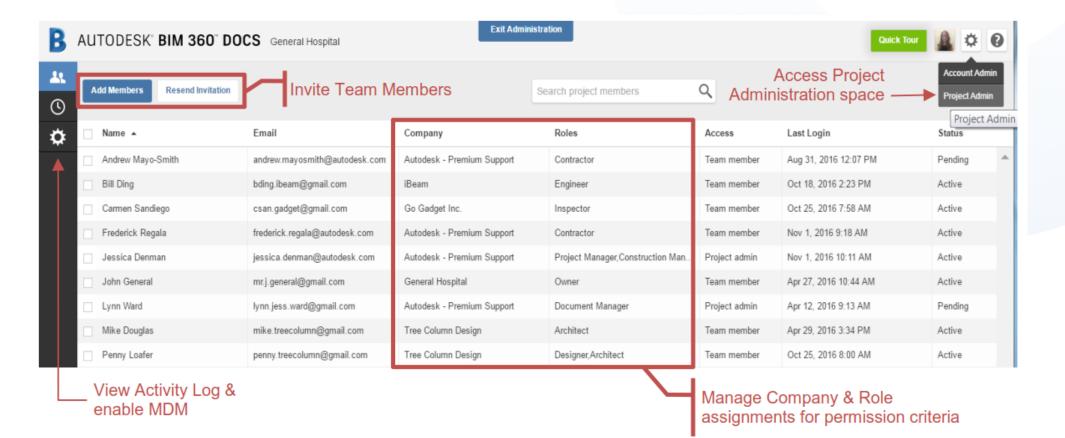
BIM 360 Docs

HILL OF FROM SHARE

Document Control Securely publish and distribute V Publish Drawings Version Control construction drawings, documents, and models in a single, cloud-based repository. Mobile Access AUTODESK" BIM 360" DOCS Markup Drawings Create Issues Embedded Data 2D & 3D Support



| BIM 360 Docs







BIM 360 Docs

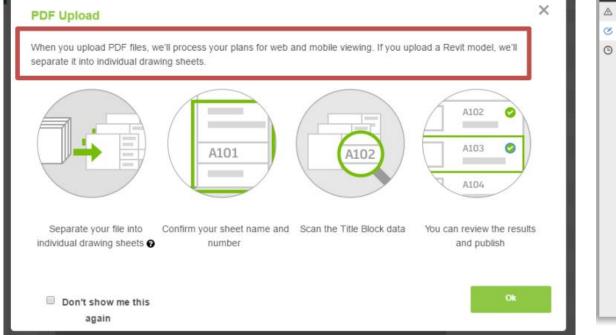


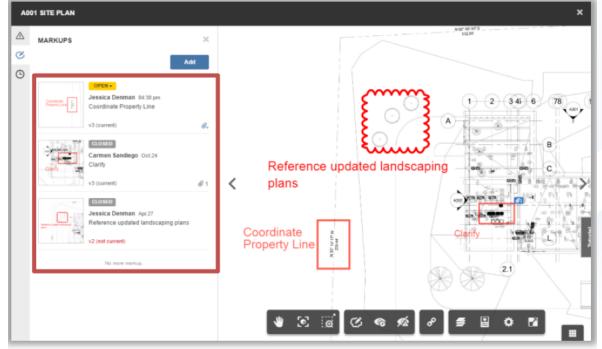
A STRUCTURE OF ENGLISHER



| BIM 360 Docs





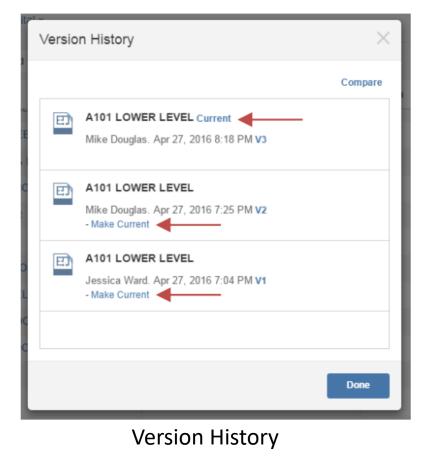


BIM 360 Docs Markup

BIM 360 Docs Uploading



BIM 360 Docs





BIM 360 Docs Compare



BIM 360 Docs

Issues		
<		OPEN -
#5603		
DETAILS	ATTACHMENTS	ACTIVITY
0047_MM3 Pip	es clash with BL Wa	- 1h
	es clash with BL Wa	
Created by Anish	Joy (ATRINS) on Nov	
Created by Anish Type	Joy (ATRINS) on Nov	

Due Date

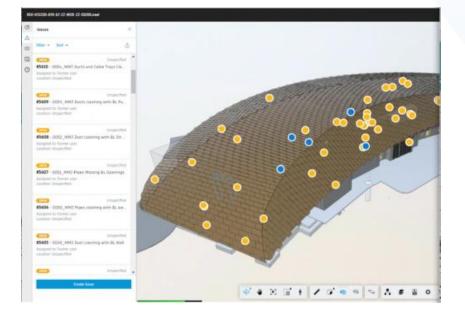
Location Unspecified //

Location Details Unspecified /

Linked document R10-H11C00-ATK-67-ZZ-M0D-ZZ-01200.nwd (V14) +++

Owner Anish Joy 🖌

Root Cause Unspecified //



OF	PEN 🔺	Open
Open	~	
Answered		
Closed Approve issue and o	close	
Void		
		Answered

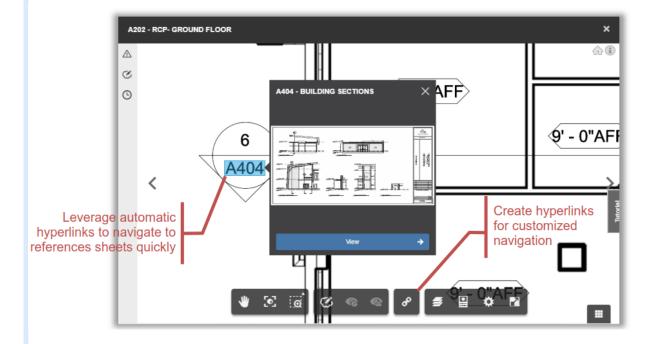




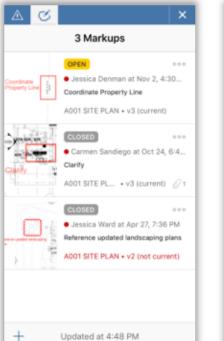
BIM 360 Docs ISSUES

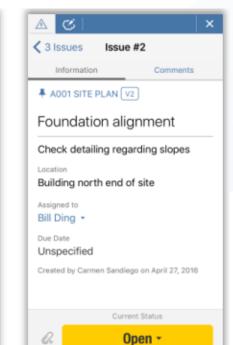


| BIM 360 Docs



BIM 360 Docs Hyperlink





BIM 360 Docs Mobile Accesses





| BIM 360 Plan

•	Activit	y •			4 5/5/15 to 5/25/15 > Comp	any • Locat
		Activity	Company	Person	Location	Work Break
	1	Hang drywall	Global Construction	Bill Kagan	MOB > Floor 1 > Area A > Room 103	
	1	Hang drywall	Global Construction	Bill Kagan	MOB > Floor 1 > Area A > Room 104	Drywall > Fi
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Install supports and pipes	Yellow Shield Healthcare	Richard Bao (Staging)	MOB > Floor 2 > Area A	
	1	Paint touchup	Yellow Shield Healthcare	Richard Bao (Staging)	MOB > Floor 1 > Area B	
	1	Final Walk through	ABC Builders	Jeff Upton	MOB > Floor 1 > Area A > Room 101	
	1	Install grid	Yellow Shield Healthcare	Richard Bao (Staging)	MOB > Floor 2	
	1	Pressure test	Yellow Shield Healthcare	Richard Bao (Staging)	MOB > Floor 1 > Area A > Room 101	
	1	RFI #1423	Yellow Shield Healthcare	Richard Bao (Staging)	MOB > Floor 1 > Area A > Room 102	
	1	Float floor (prep)	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Frame Walts	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Hang drywall	Global Construction	David Sanchez	MOB > Floor 1 > Area B > Room 107	Drywall > Fir
	1	Hang drywall	Global Construction	Bill Kagan	MOB > Floor 1 > Area B > Room 105	Drywall > Fir
	1	Pressure test	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Prime walls	California Paint	Jeff Davis	MOB > Floor 1 > Area A > Room 103	General Cor
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Unnamed Activity	Yellow Shield Healthcare	Richard Bao (Staging)		
	1	Install Grid	Celling Experts	Jose Blanco	MOB > Floor 1 > Area A > Room 103	Finishes > 0
	1	Screw Inspection	Global Construction	Deb Miller	MOB > Floor 1 > Area A > Room 102	



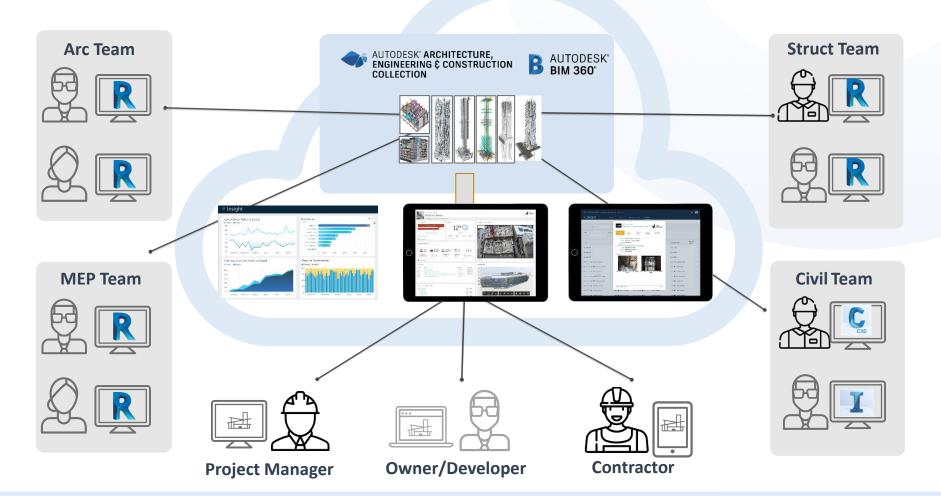


BIM 360 Schedule

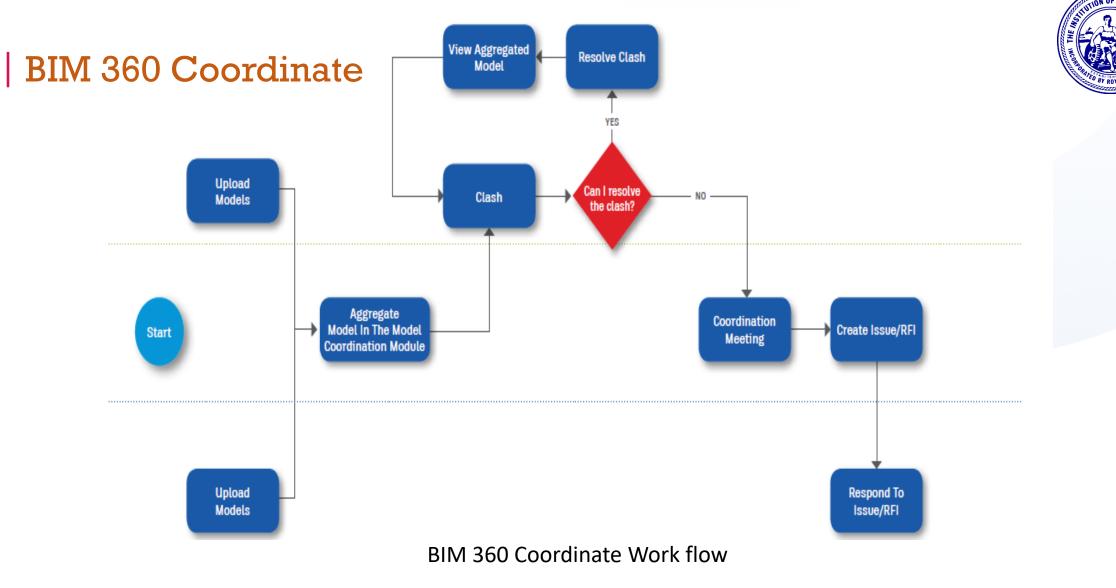


BIM 360 Design





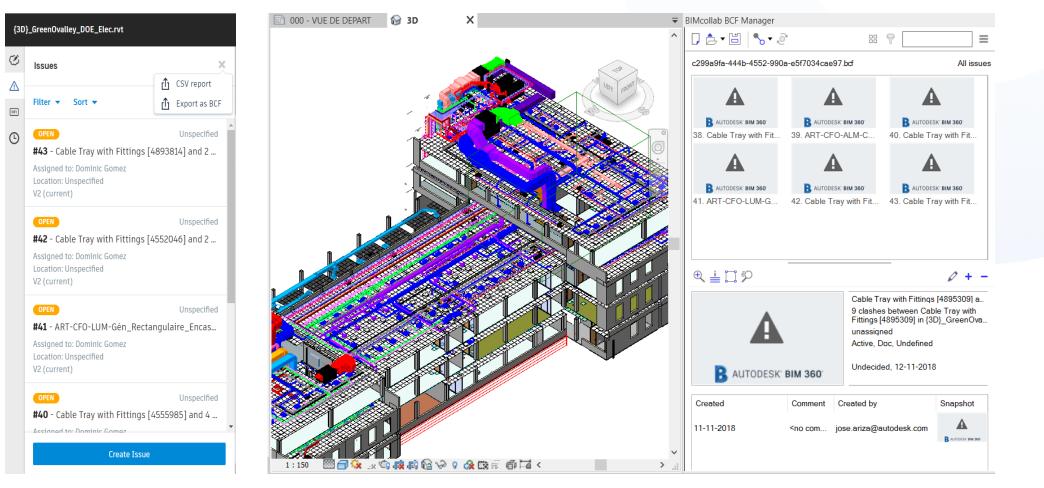






THE REAL PROVIDENCE OF THE REAL PROVIDENCE OF

BIM 360 Coordinate







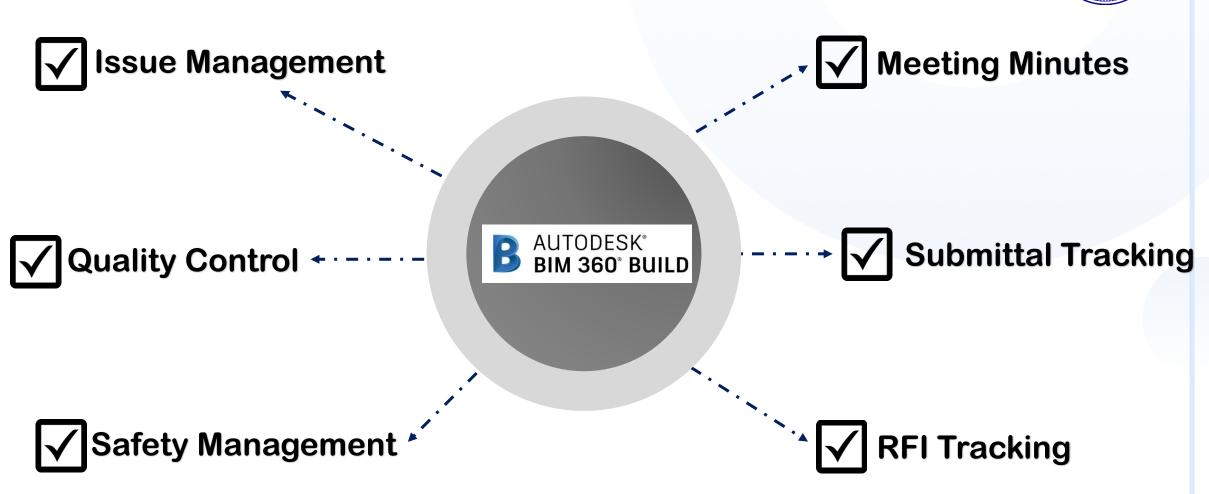
BIM 360 Coordinate

	Type	Sub-type	Title	Status	Issue owner	Assigned to	Company	Due date C
4	43 Design	Design	Cable Tray with Fittings [4893814] and 2 other objects.	Open	Dominic Gomez	Dominic Gomez	MEP COMPANY	06-12-18
4	42 Design	Design	Cable Tray with Fittings [4552046] and 2 other objects.	Open	Dominic Gomez	Dominic Gomez	MEP COMPANY	07-12-18
4	41 Design	Design	ART-CFO-LUM-Gén_Rectangulaire_Encastré-LUM [3432858] and 3 other objects.	Open	Dominic Gomez	Dominic Gomez	MEP COMPANY	08-12-18
4	40 Design	Design	Cable Tray with Fittings [4555985] and 4 other objects.	Open	Dominic Gomez	Dominic Gomez	MEP COMPANY	09-12-18
:	39 Design	Design	ART-CFO-ALM-Canalis Force-INE_EL [5870928] and 9 other objects.	Open	Dominic Gomez	Dominic Gomez	MEP COMPANY	10-12-18
:	38 Design	Design	Cable Tray with Fittings [4895309] and 9 other objects.	Open	Jose Ariza	Dominic Gomez	MEP COMPANY	11-12-18

	3D_1st Floor Area_ GreenOvCOORD.rvt	3D_Main Area_ GreenOvalley_ DOE_STR_COORD.rvt	3D_Technical Zone_ GreenOvCO0RD.rvt	3D_Top Area_ GreenOvalley_ DOE_STR_COORD.rvt	3D_Zone 1_ GreenOvalley_ HVAC_COORD.rvt	ARC(CAR)-T GreenOvalley DOE_ARC_COORD.rvt	ARC(FPD)-T_ GreenOvalley_ DOE_ARC_COORD.rvt
3D_1st Floor Areaalley_HVAC_COORD.rvt 321 clash groups		49				4	232
3D_Main Area_Greey_DOE_STR_COORD.rvt 595 clash groups	23		30	224		69	123
3D_Technical Zonealley_HVAC_COORD.rvt 36 clash groups		36		36			
3D_Top Area_GreenDOE_STR_COORD.rvt 321 clash groups		224	30		9		44
3D_Zone 1_GreenOvalley_HVAC_COORD.rvt 43 clash groups				13			23
ARC(CAR)-T_GreenOy_DOE_ARC_COORD.rvt 60 clash groups	З	36					

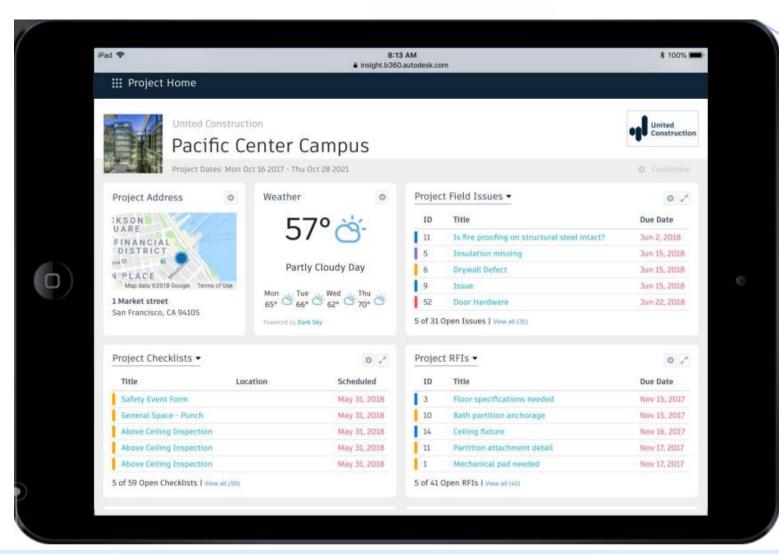


BIM 360 Build





| BIM 360 Build







| BIM 360 Build

BIMOLOGIST Nauman	Medical Center 2021 +
	CHECKLISTS ISSUES DAILY LOGS
< In progress #14 COVID-19 Screenin	ng Checklist for Jobsite Visitors 🕢
	1 Visitor Information & Health Questions 5/12 Completed
1 Visitor Information & 5/12	Assigned To: Unassigned /
2 COVID-19 Health Questions 0 / 0 3 If the answer is NO to all 0 0 / 4	1.1 Visitor Name
	Nauman Mysorewala
🖉 Required signatures 0 / 1	🖹 Document 🔺 Issue 🖹 Note 🔯 Photo
	1.2 Visitor Company
Type *	Jerde
	🖹 Document 🔺 Issue 🗎 Note 👩 Photo
Quality	1.3 Have you been asked to self-quarantine in the last 14 days?
	Ves 😣 No 🕓 NA
Punch List	🖹 Document 🛕 Issue 🗎 Note 👩 Photo
Safety	1.4 Have you been in close contact with anyone who has been asked to self-quarantine in the last 14 days?
-	Ves No NA
Commissioning	🖹 Document 🔺 Issue 🖺 Note 👩 Photo
, second s	1.5 Have you experienced any cold or flu-like symptoms in the last 14 days (to include fever, cough, sore throat, respiratory illness, difficulty breathing)?
	🔿 Yes 🙁 No 🔿 NA

R AUTODESK BIN 360 BEMOLOGIS	iT Nauman > Me	dical Cente	r 2021 -			(
≡ Field Manageme	ent 🖸	CHECKLIST	5 ③ 15SU	ies dati	LV LOGS		
Checklists Templates							
Q, Search			(Imp	ort	Create new tem	plate
Type All Types	Updated	Dates		Templ	ate List	t Filters	
Title ^	Version	Туре	Updated	Instan	ces Items		¢
03 40 00 PRECAST CONCRETE	1	Safety	Aug 11	2	21	Create checklist	
06 10 00 ROUGH CARPENTRY	2	Quality	Aug 11	0	31	Create checklist	
COVID-19 Safety Checklist	1	Safety	Jul 7	1	42	Create checklist	
COVID-19 Screening Checklist for Jobs	ite Visi 3	Safety	Oct 19	1	16	Create checklist	



BIM 360 OPS

- Easy to use, mobile-first maintenance management solution with web and mobile
- Connects BIM asset data to the people who need it most, when they need it, where they need it
- Creates actionable tickets from building sensors
- Provides indoor maps to locate tickets and assets, do wayfinding for technicians, and enable more effective ticket triaging and analysis





BIM 360 OPS

- Assets are imported from a BIM 360 platform.
- The imported assets can be viewed in 3D on the web, mobile, and iOS apps.
- The 3D view provides valuable context for technicians, vendors, and managers to understand the assets.
- With the 3D view, it becomes easier to plan for the tools and equipment needed for the assets.
- The asset model includes essential information such as the supplier, warranty period, installation data, data sheets, and other required details.

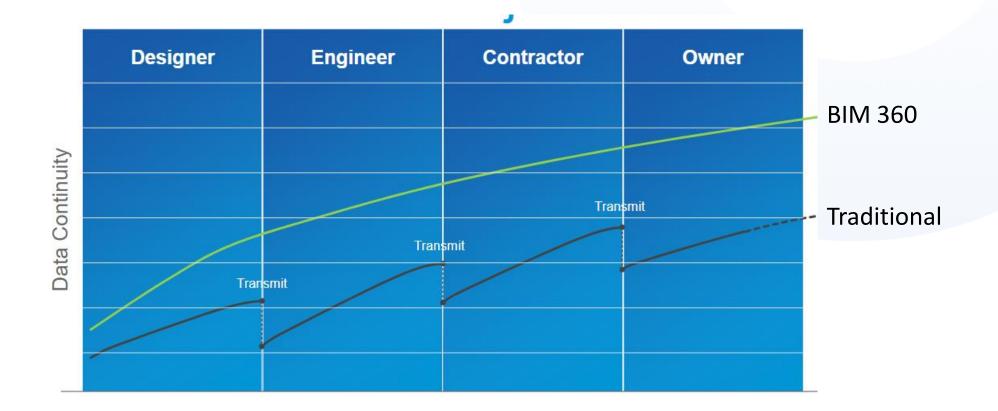






A RUDA OF ENGINE

Traditional Vs BIM 360





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BIM 360 Benefits

1. Connect the Office to the Jobsite



2. Free Up Time & Increase Productivity



3. Ensure Everyone is Working from the Latest Plan



4. Seamlessly Track Daily Activity & Data Collection



5. Eliminate the Abortive works





Thank you Any Questions