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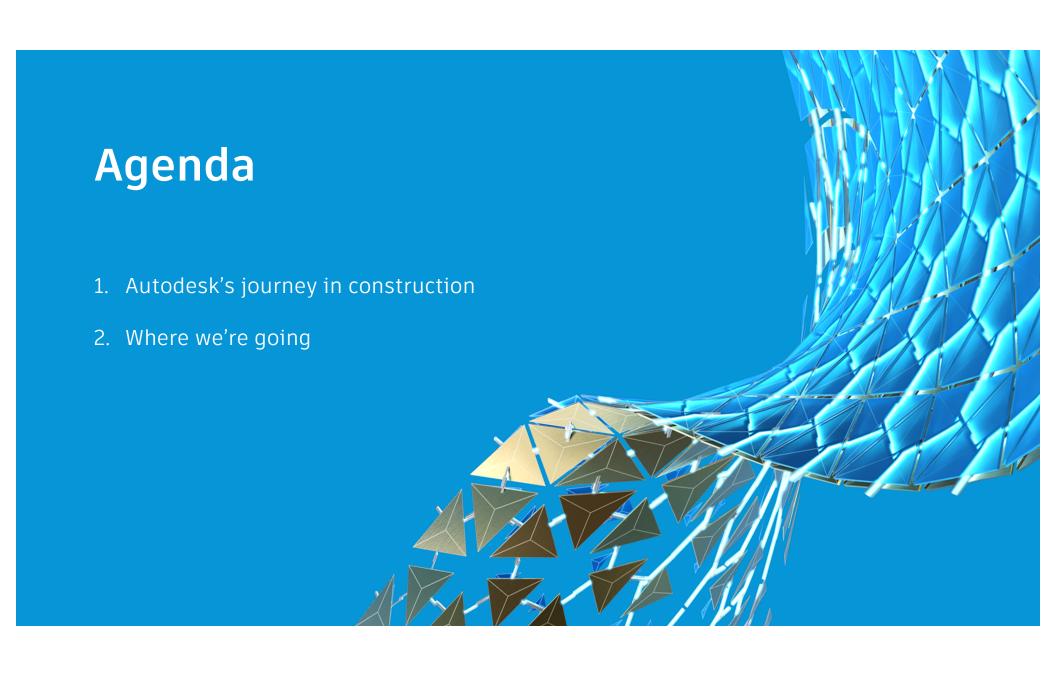




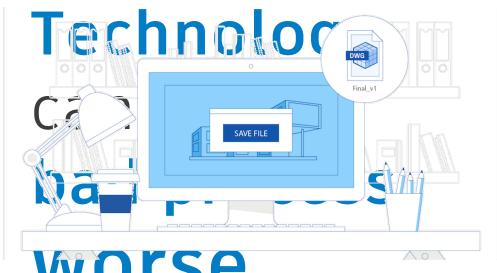
#### About the speaker

#### **Brandon Lacourciere**

Brandon grew up in the construction industry, joining his first framing crew at age 16. After receiving his degree in Architecture from Lawrence Technological University, he returned to the construction industry as an estimator and project manager. Noticing an opportunity to improve construction processes through BIM, he founded RevCore Construction Services, specializing in virtual construction and high definition laser scanning. Brandon has spent most of his career partnering with General contractors, union trades, and specialty contractors to solve complex problems on hundreds of projects. Today he is the Director of Customer Success for Autodesk Construction Solutions. He and his team are committed to solving industry challenges and helping customers optimize their workflows using the Autodesk Construction Cloud.



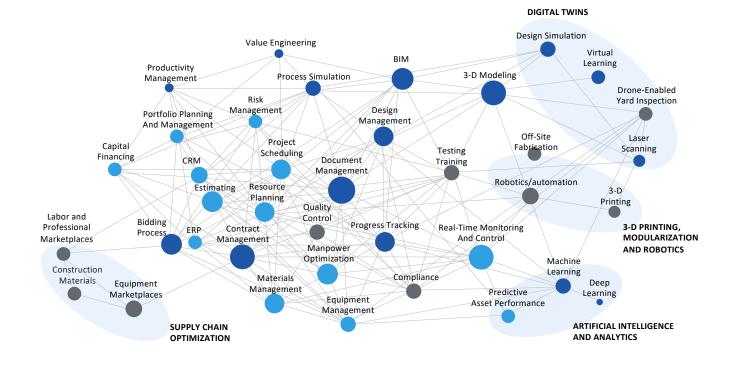






worse

#### Construction Technology Ecosystem



Back-Office Digital Collaboration On-Site Execution

25%

construction companies use **5 or more** applications

**280**B

industry annual rework costs

30%

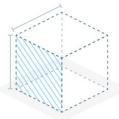
Of project data created is lost at closeout.



# AUTODESK CONSTRUCTION CLOUD™



# AUTODESK CONSTRUCTION CLOUD $^{\scriptscriptstyle{\text{T}}}$









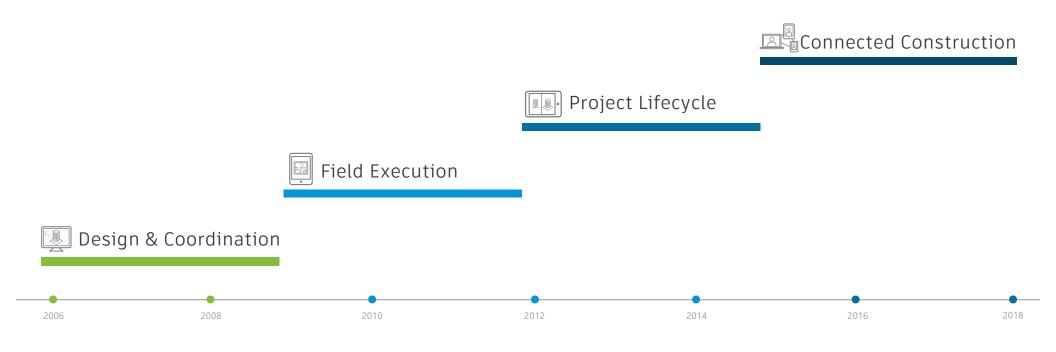
**DESIGN** 

**PLAN** 

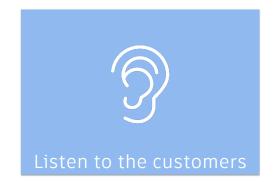
**BUILD** 

**OPERATE** 





#### Guiding principles along the Journey













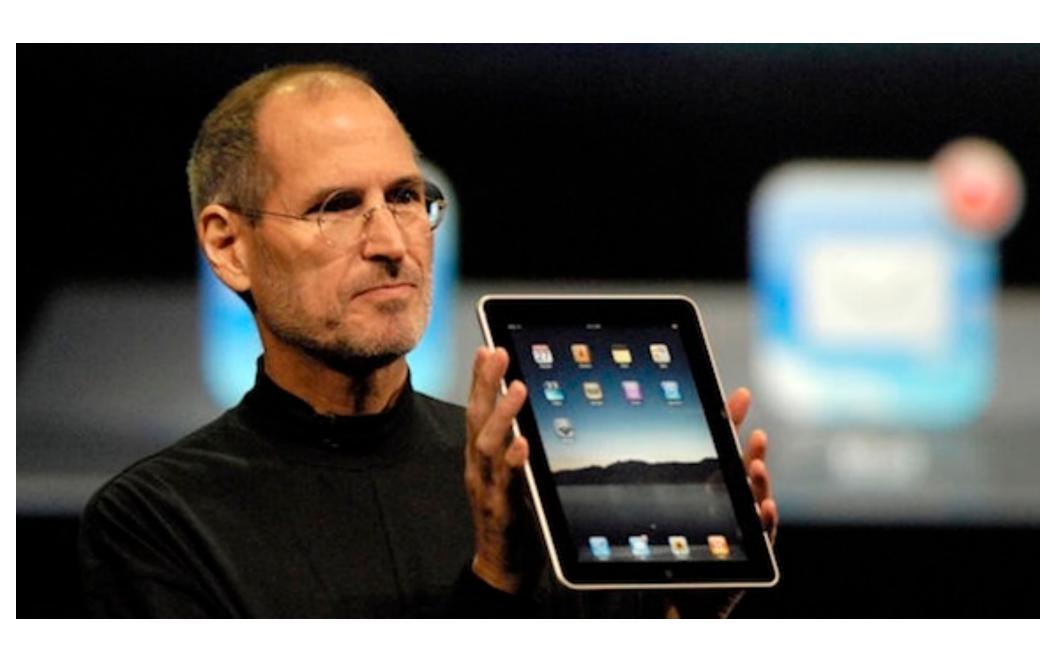


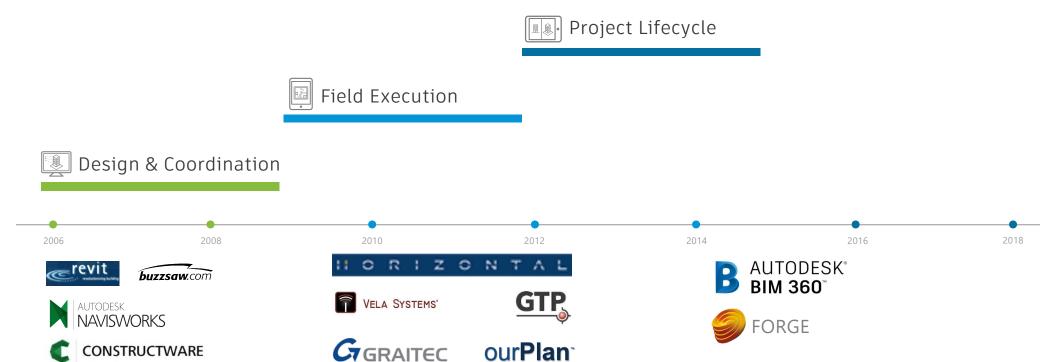






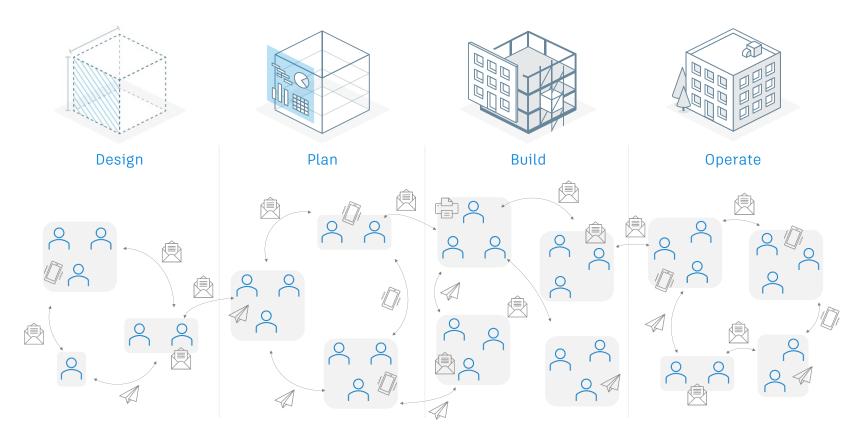








#### Construction is Collaborative, Yet Fragmented



>70% of the global construction industry is still working from traditional paper-based processes









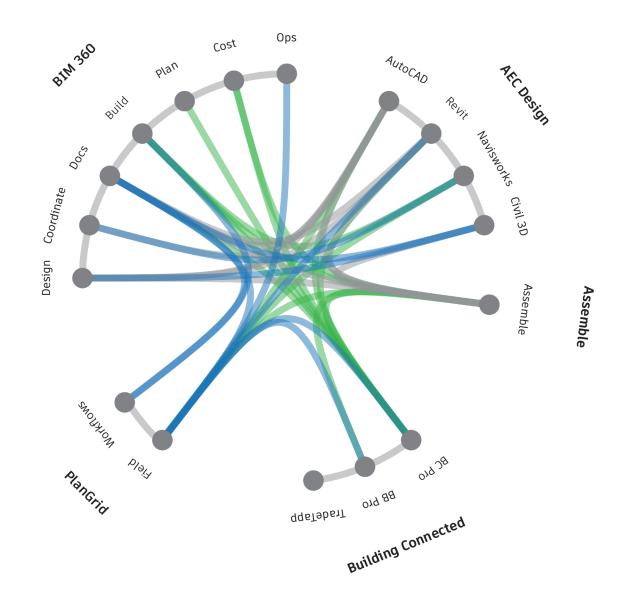








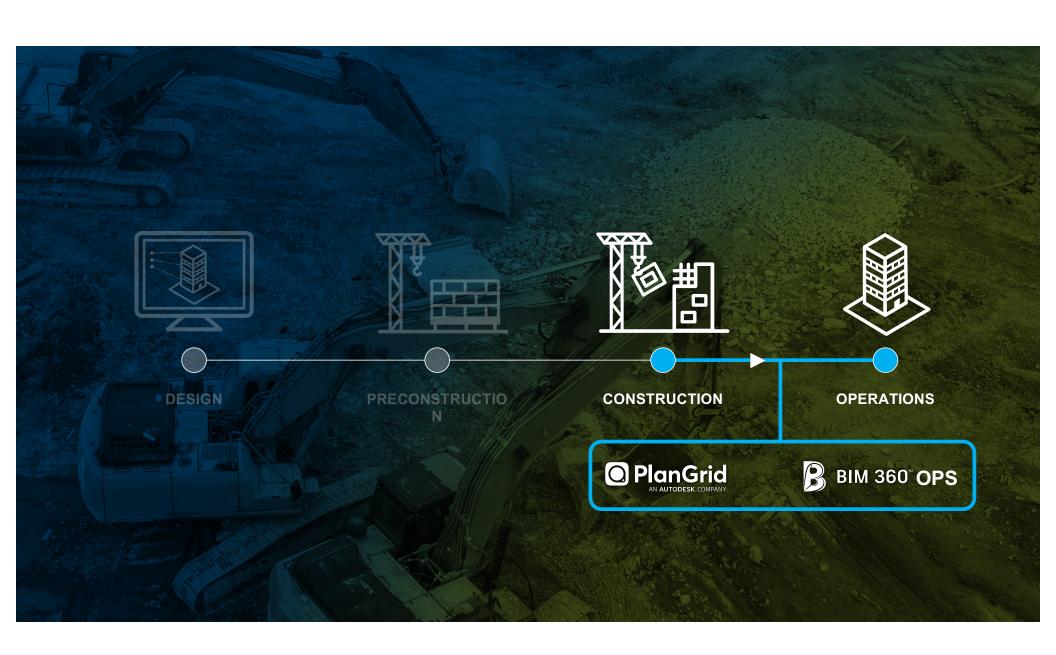








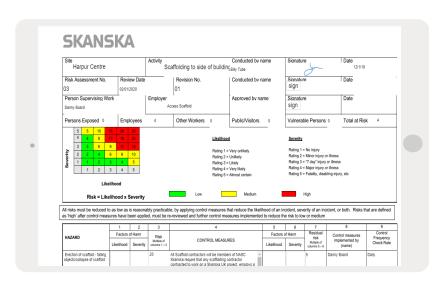




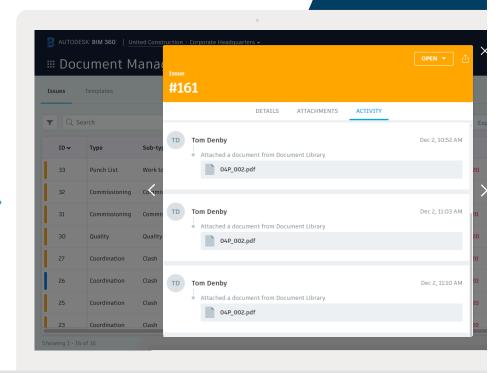
#### Skanska UK Connects the Field and Office







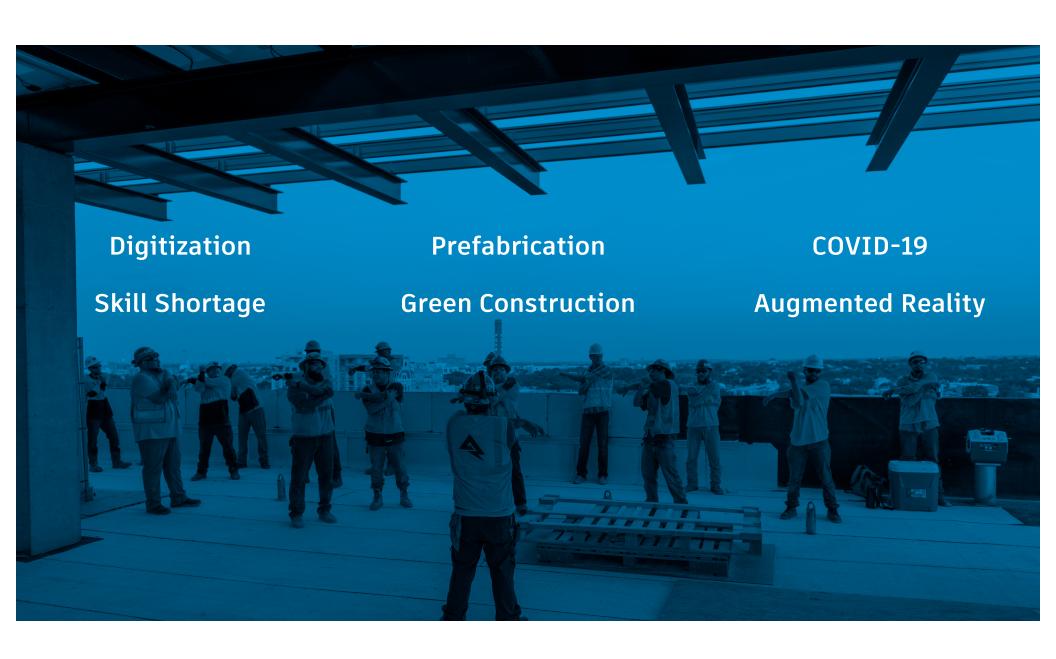


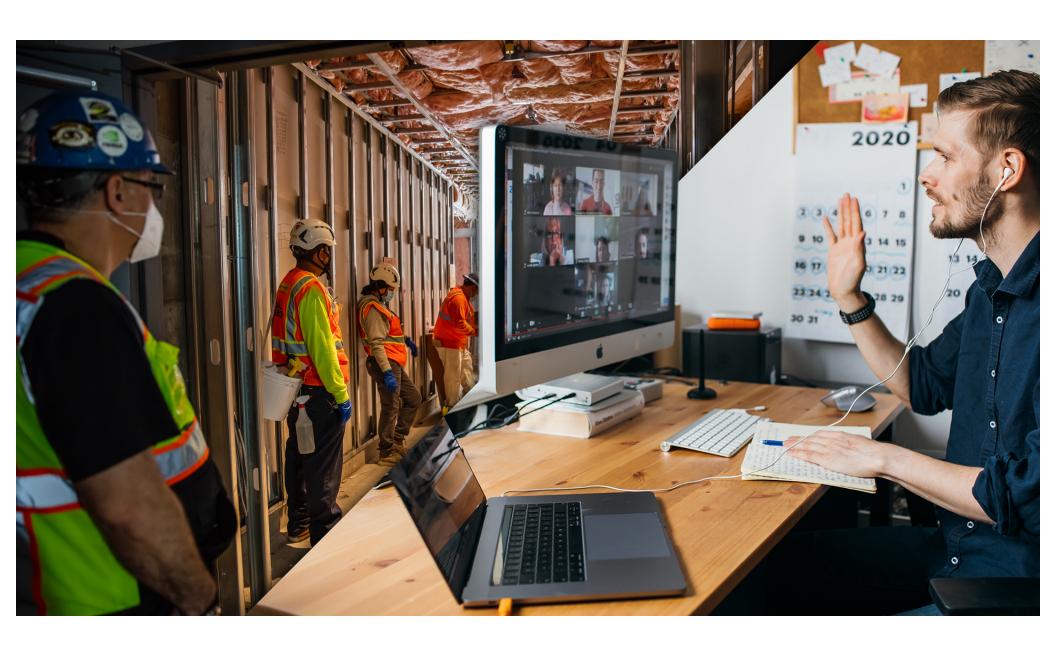




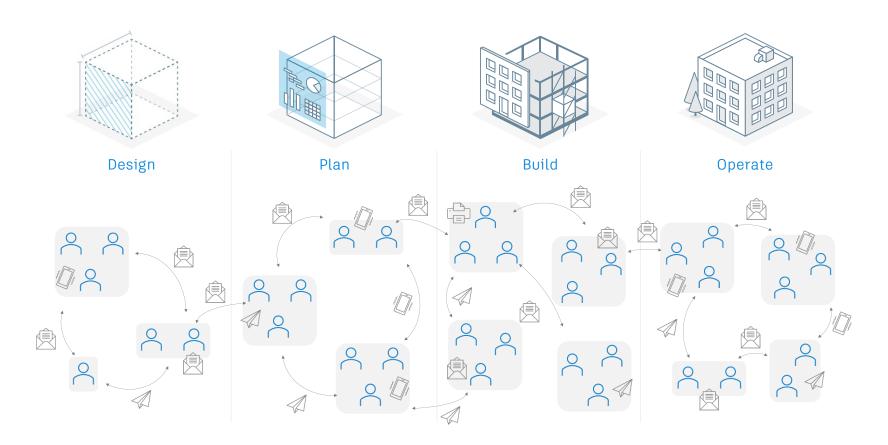
2020







## Construction is Collaborative, Yet Fragmented





#### Connected construction technology can transform the business

	Design	Plan	Build	Operate				
Capabilities	<ul><li>Design Authoring</li><li>Design Collaboration</li></ul>	<ul><li>Model Coordination</li><li>Model Conditioning</li><li>Quantification</li><li>Bid Management</li><li>Qualification</li></ul>	<ul> <li>Project Management</li> <li>Cost Control</li> <li>Field Collaboration</li> <li>Quality \$ Safety</li> <li>Commissioning</li> </ul>	<ul><li>Facilities Maintenance</li><li>Asset Lifecycle</li></ul>				
Shared Data	Models ·	Drawings · Issues · Specific	ations · RFIs · Cost · Assets	· As-Builts				
Insight	Predictive Analytics · Benchmark Reports · Mitigation Strategies							
Network		Builders Network						



## Unified Framework





# AUTODESK CONSTRUCTION CLOUD

DESIGN **PLAN** BUILD **OPERATE AUTODESK** AUTODESK **AUTODESK** BUILDING **BIM COLLABORATE** QUANTIFY **BUILD OPS** AUTODESK **PYPE AEC COLLECTION** COORDINATE BUILDING CONNECTED **ASSEMBLE** AUTODESK DOCS Models · Drawings · Issues · Specifications · RFIs · Cost · Assets · As-Builts · Photos · Videos **INSIGHTS** Dashboards · Reports · Construction IQ · Data Connector **ADMINISTRATION** 





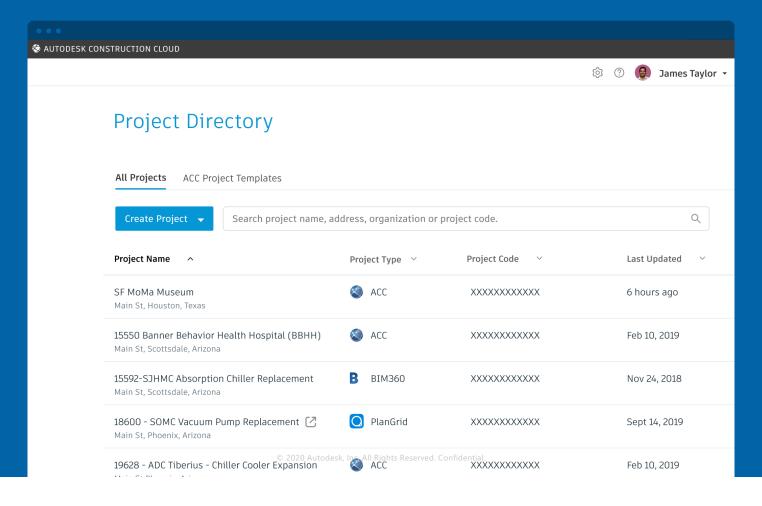
AUTODESK BIM COLLABORATE AUTODESK **QUANTIFY** 

AUTODESK BUILD

Capabilities	Design Collaboration	Coordination	Quantification	Project Management	Cost Management	Quality	Safety	Project Closeout		
Workflows	Constructability Review Change Visualization Revit Collaboration  Document Manage	Model     Coordination     Constructability     Review     Quality Planning     Issue     Management	•Scope Analysis •2D/3D Take Off	• RFIS • Submittals • Meeting Minutes • Daily Reports • Progress Tracking	Creation / Administration Change Orders Payment Applications Forecasting	Quality Planning     Quality Checking     Punchlists     Issue/Task     Management	<ul><li>Safety Planning</li><li>Safety Training</li><li>Safety</li><li>Observations</li><li>Safety</li><li>Inspections</li></ul>	<ul> <li>Commissioning</li> <li>Turnover Documentation Warranty Mgmt. Final Completion As-Built Survey</li> </ul>		
Unified Data	Bocument Hanage	Models · Drawings · Documents · Cost Items · Assets · As-Builts · Photos · Videos								
Insights		Dashboards · Reports · Construction IQ · Data Connector								
Admin		Admin Console · Permissions · Project Setup · Templates · Notifications								

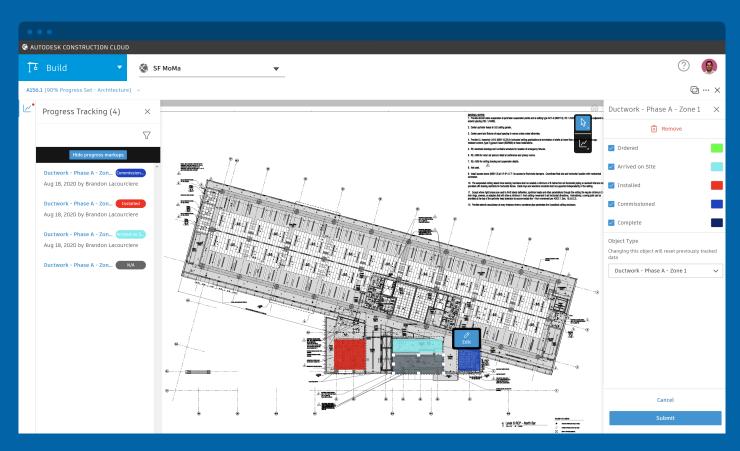


# Single Point of Entry

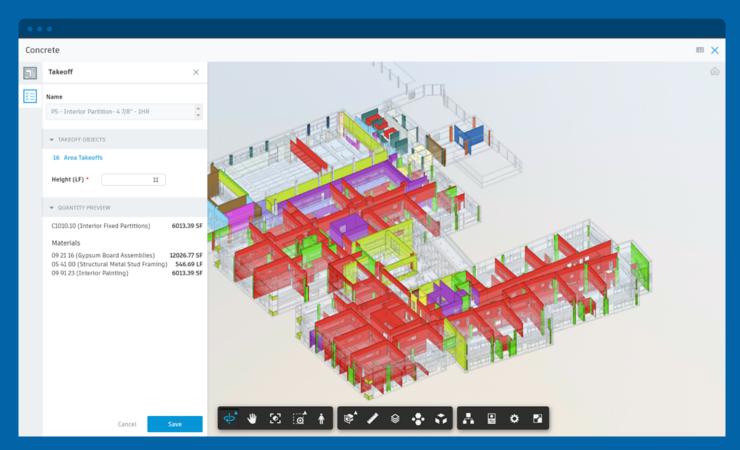




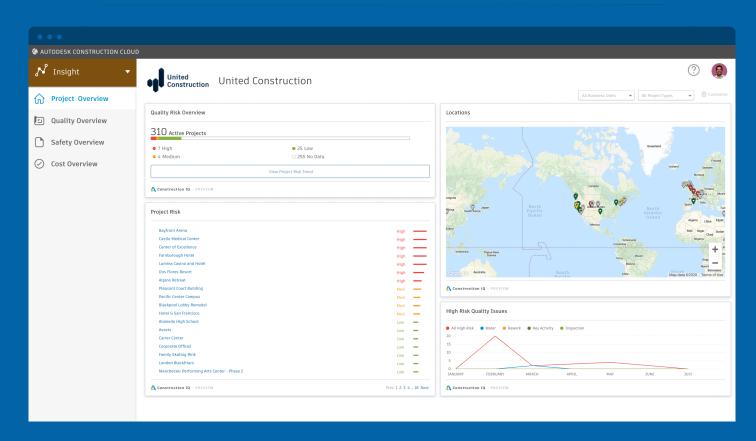
# Progress Tracking

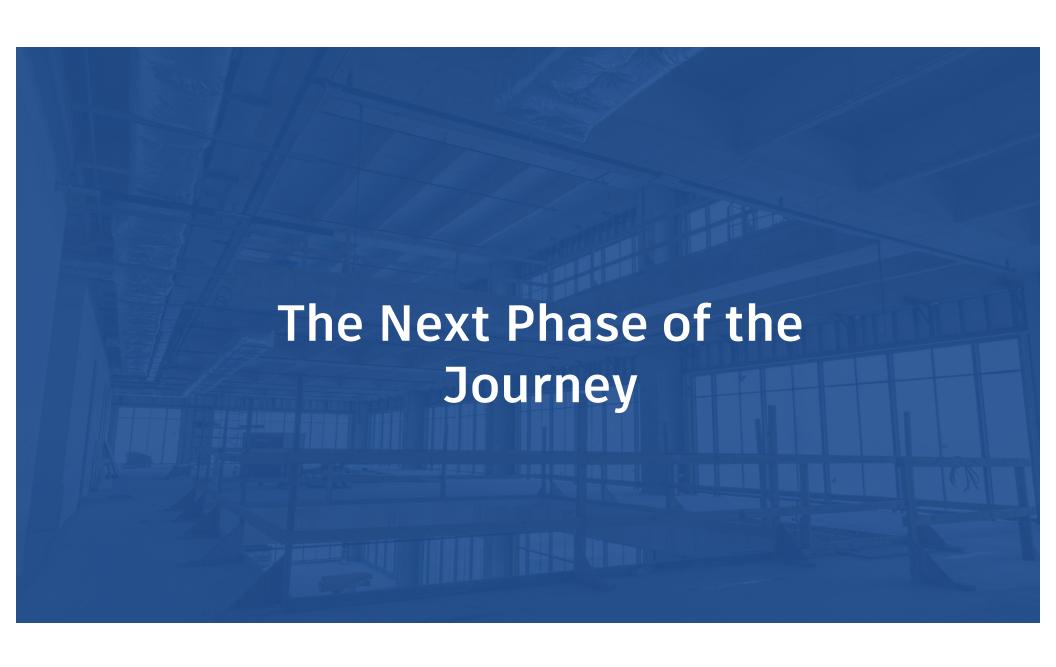


## Quantify



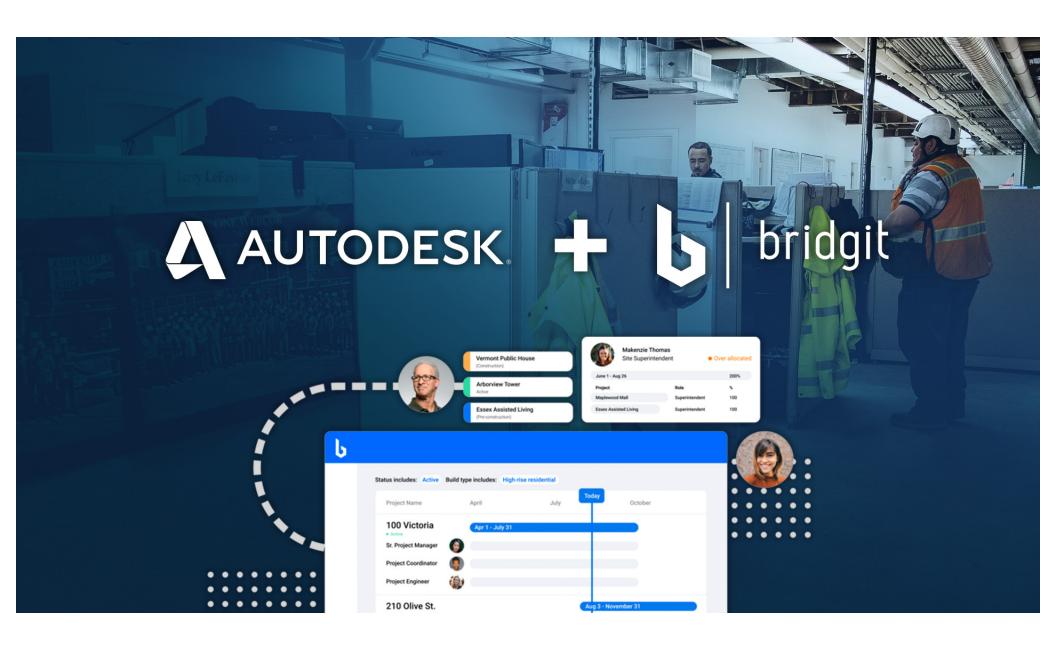
### Cross-Project Insights

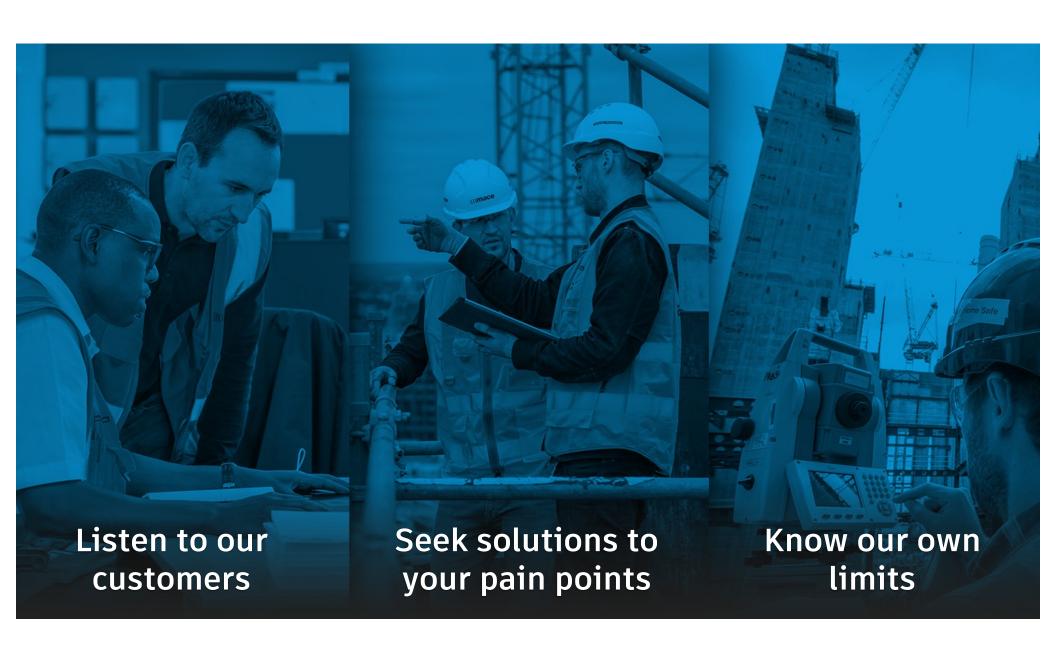














- Filter & Sort on Mobil Default Watcher
- · Public APIs & Adding Sub

### Document Management

- Vector PDF Improve

1360 Insights

reate Asset via Mobile

Project Files

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- erprise Certification

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