



SD471528
**便利でクールな
Forge 駆動アプリケーション 10 選**

伊勢崎 俊明

Developer Advocate | @AutodeskForge

アジェンダ

- Forge の役割の各 API のご紹介
- 各社 Forge アプリケーションのご紹介
- 今後のリソース



AUTODESK UNIVERSITY

10 Useful (and Cool) Forge-Powered Applications

Jim Quanci
Senior Director, Developer Advocacy & Support | [@jimquanci](#)

Stephen Preston
Senior Business Manager, Forge | [@_stephenpreston](#)



伊勢崎 俊明

Chuo-ku, Tokyo, JP

Developer Advocacy & Support
Autodesk Japan
Software Development

CAD / CAM 業界の様々な企業での製品教育、製品/開発サポート、アプリケーション開発を経て、現在、オートデスクに 20 年超在籍。セールス エンジニアを経て、過去から最新までの技術変遷を踏まえて、Forge を啓蒙するエバンジェリストとして活動中。

テクノロジー

Forge はオートデスクの強力な
ソフトウェア ライブラリから
コンポーネントを得てることで、
独自の新しいソリューションを
作成するためのクラウドベースの
ビルディングブロックとして提供
されています



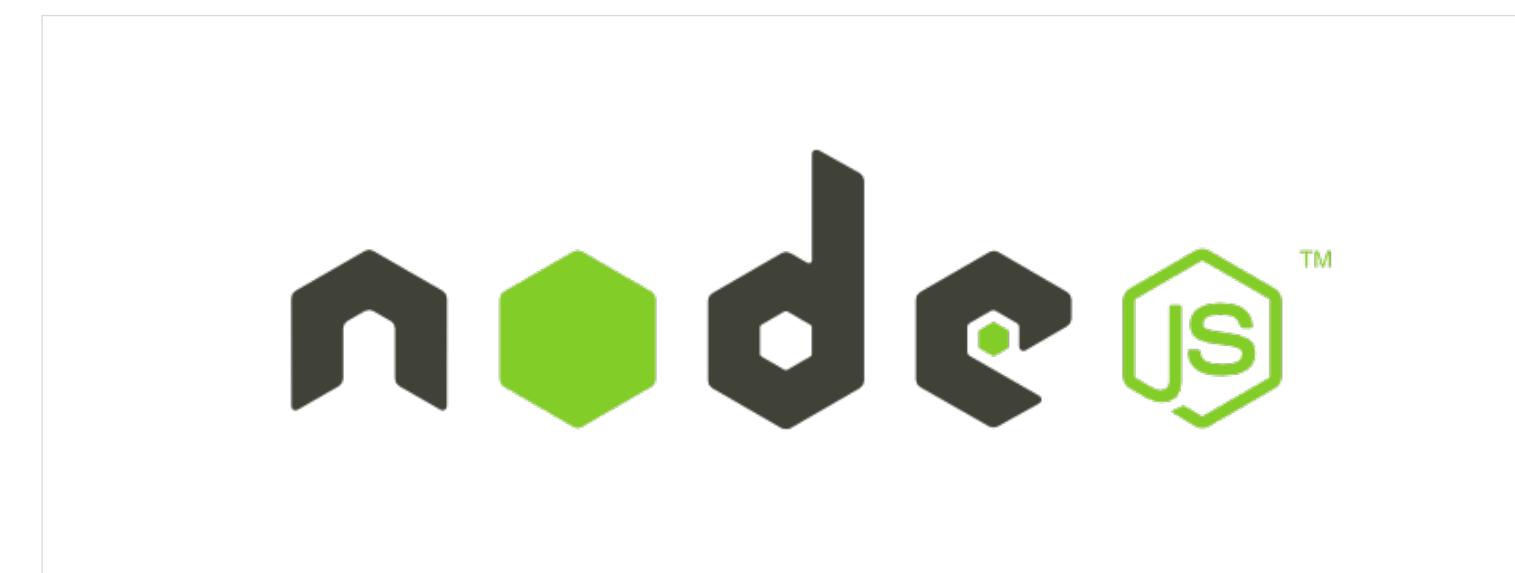
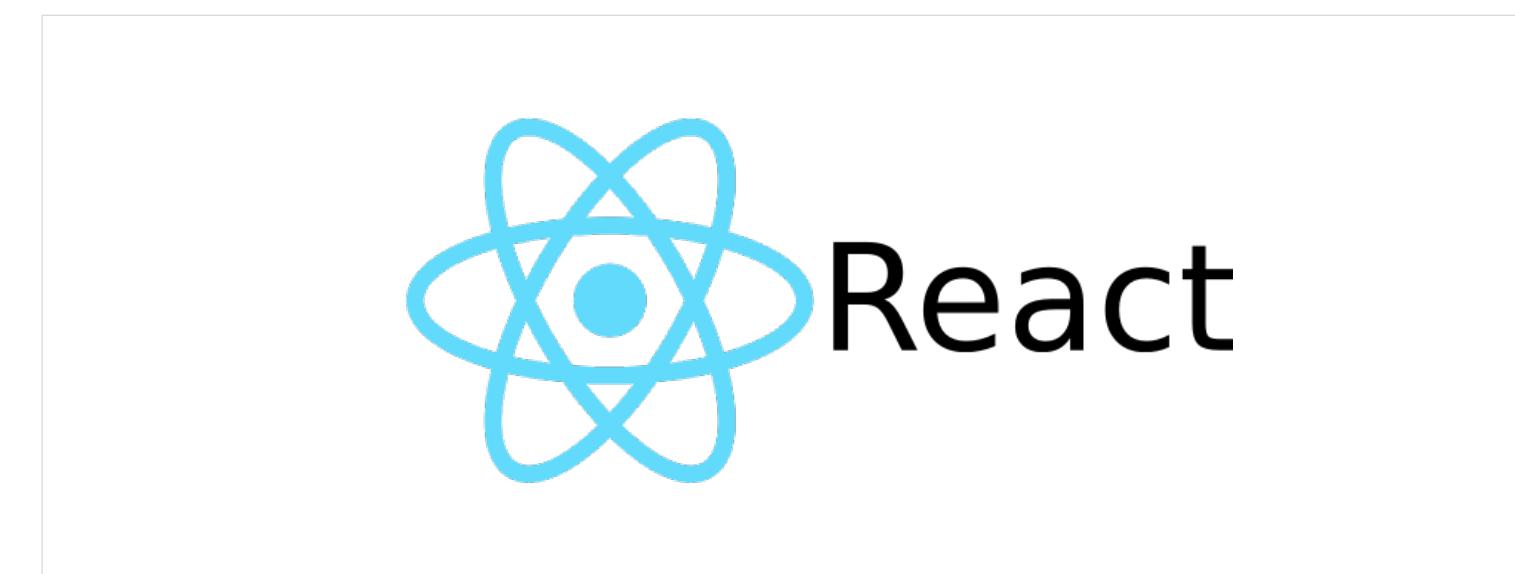
統合

これらサービスブロックを使用して製品を拡張、
また、既存のインフラ内に全く新しいソリュー
ションの作成が可能です。

オートデスクはブロックを提供し、
みなさんはソリューションを構築します。



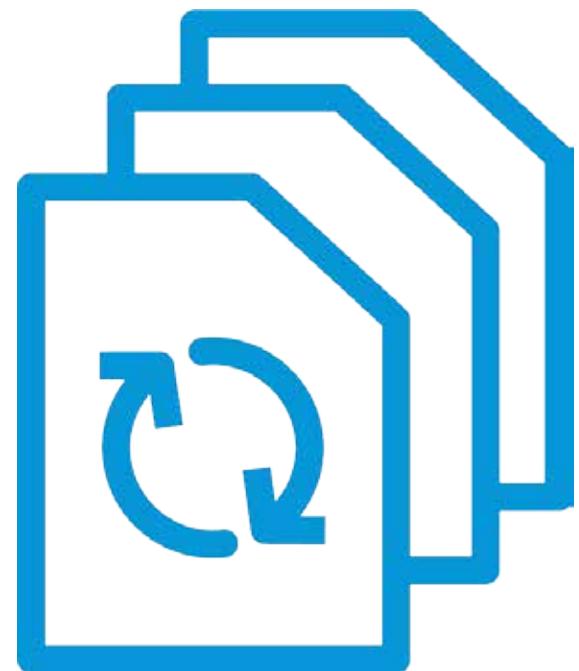
Forge は標準Webテクノロジーがベース



Forge サービス



Data
Management



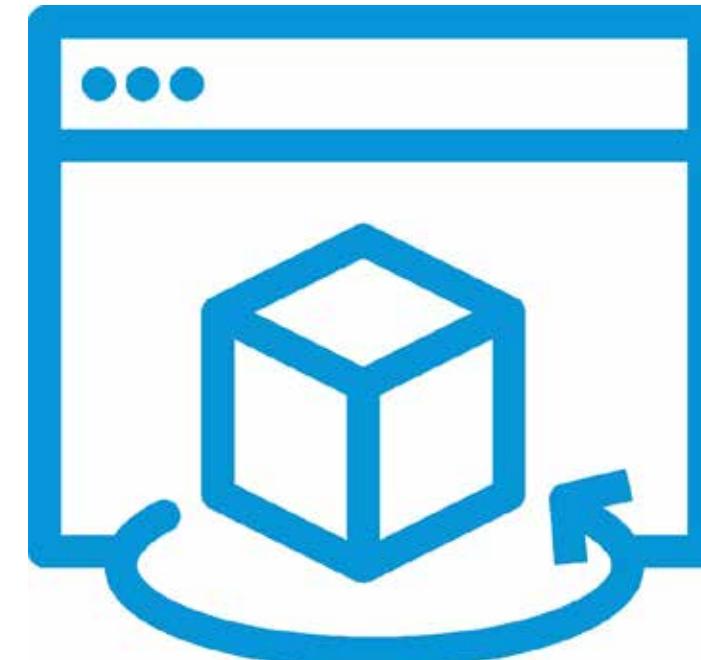
Model Derivative



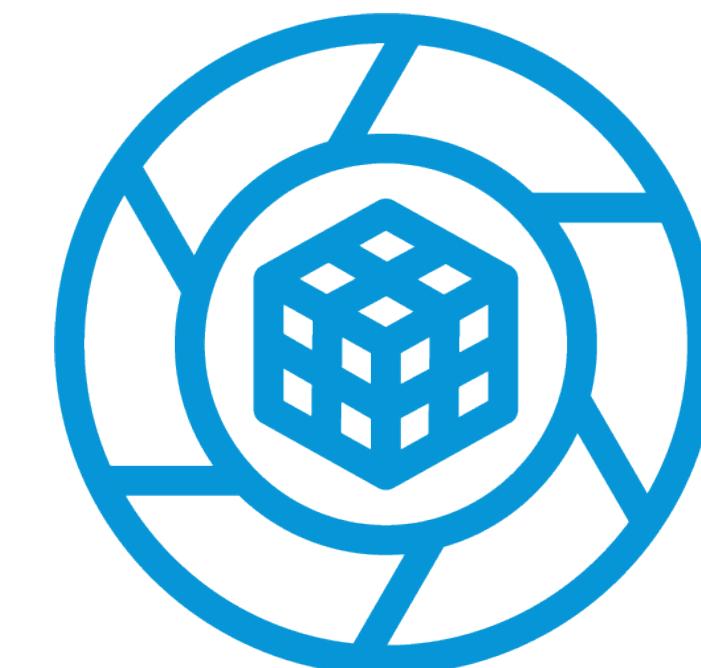
Design Automation
(Revit, Inventor, AutoCAD, Civil
3D, 3DS Max)



BIM 360



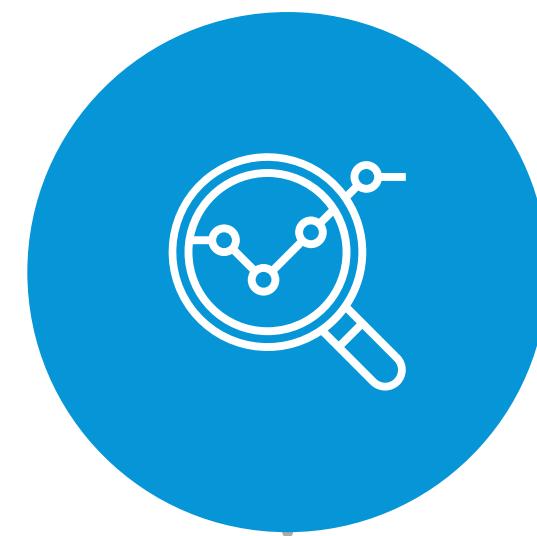
Viewer



Reality Capture

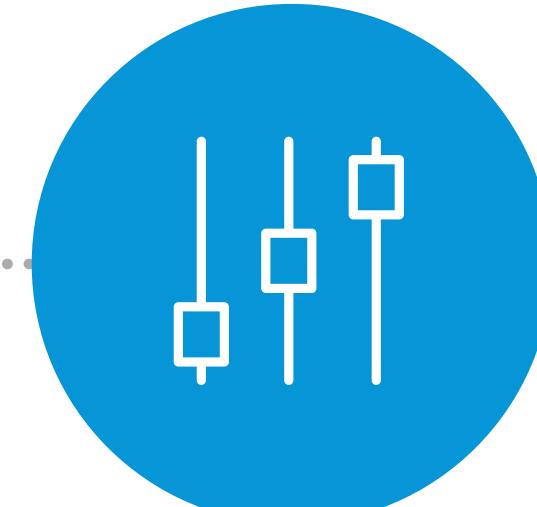
お客様やパートナーが Forge で構築

データの視覚化 & 解析



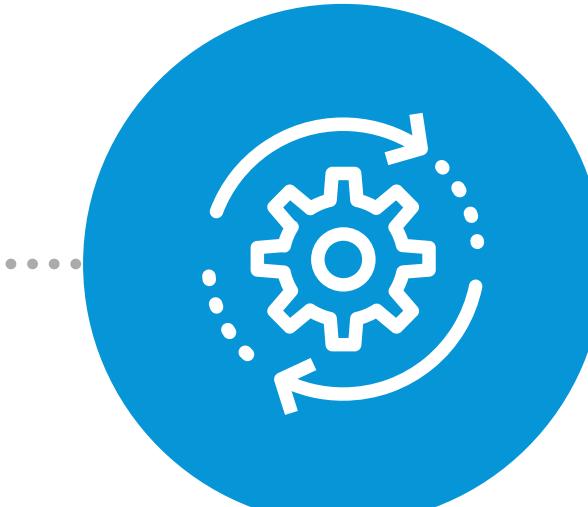
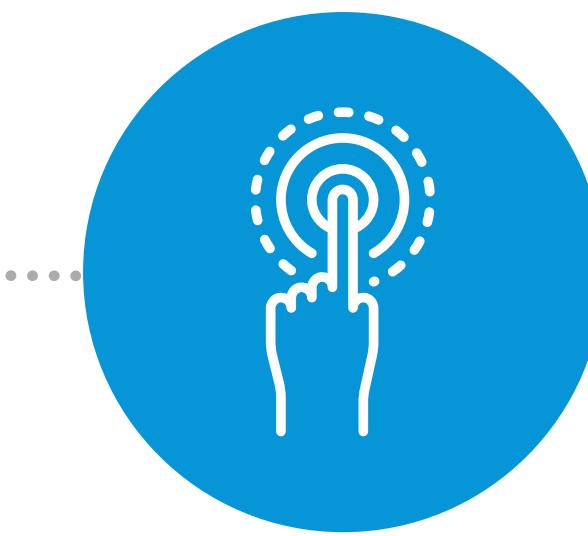
電子カタログ

デジタルツイン



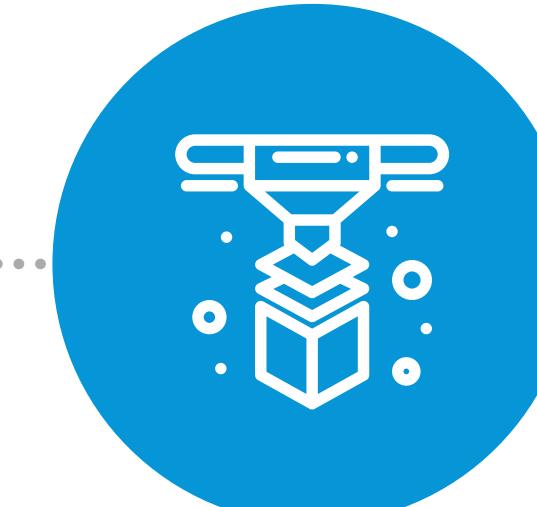
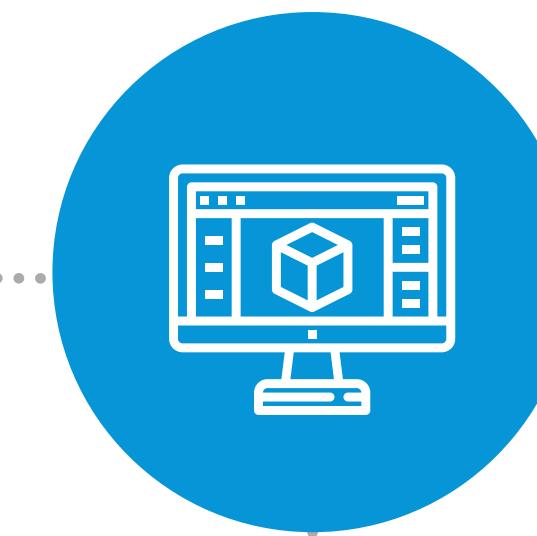
コンフィギュレータ

AR (拡張現実) &
VR (仮想現実)



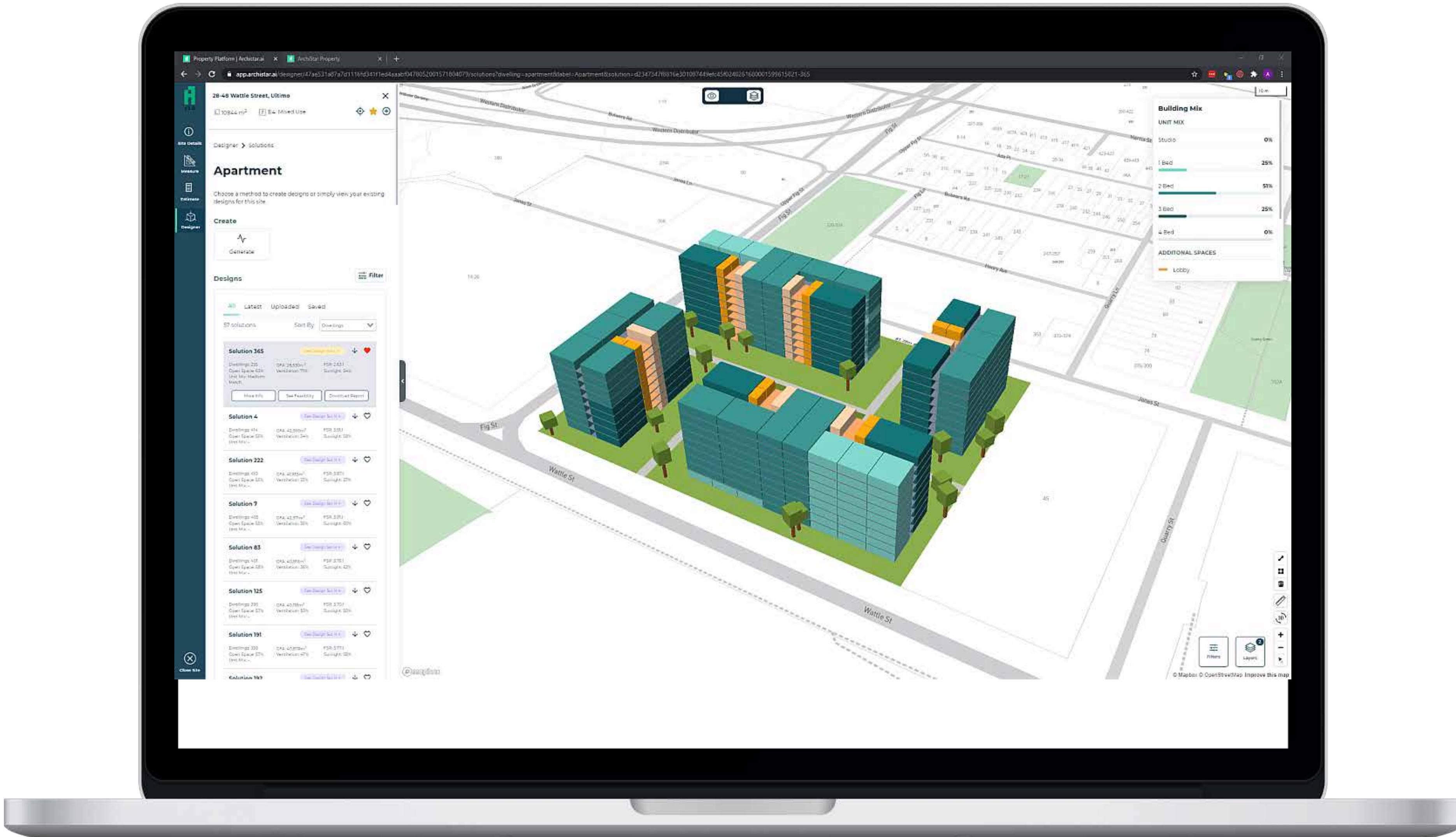
DESIGN AUTOMATION

SaaS 統合



フォトグラメトリ

Archistar.ai



Viewer



Model
Derivative



Data
Management



Design
Automation



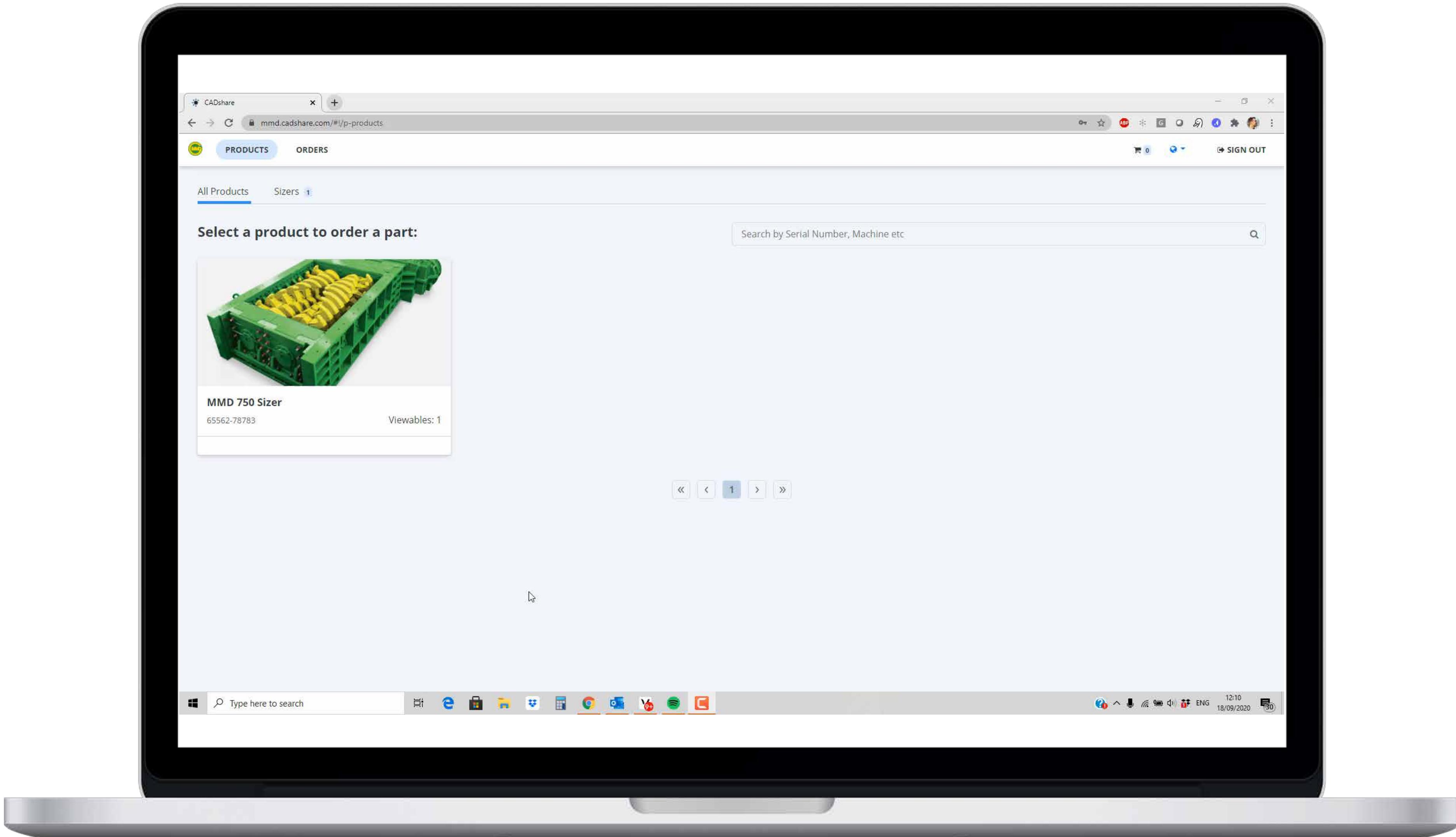
BIM
360



Model
Derivative



Data
Management



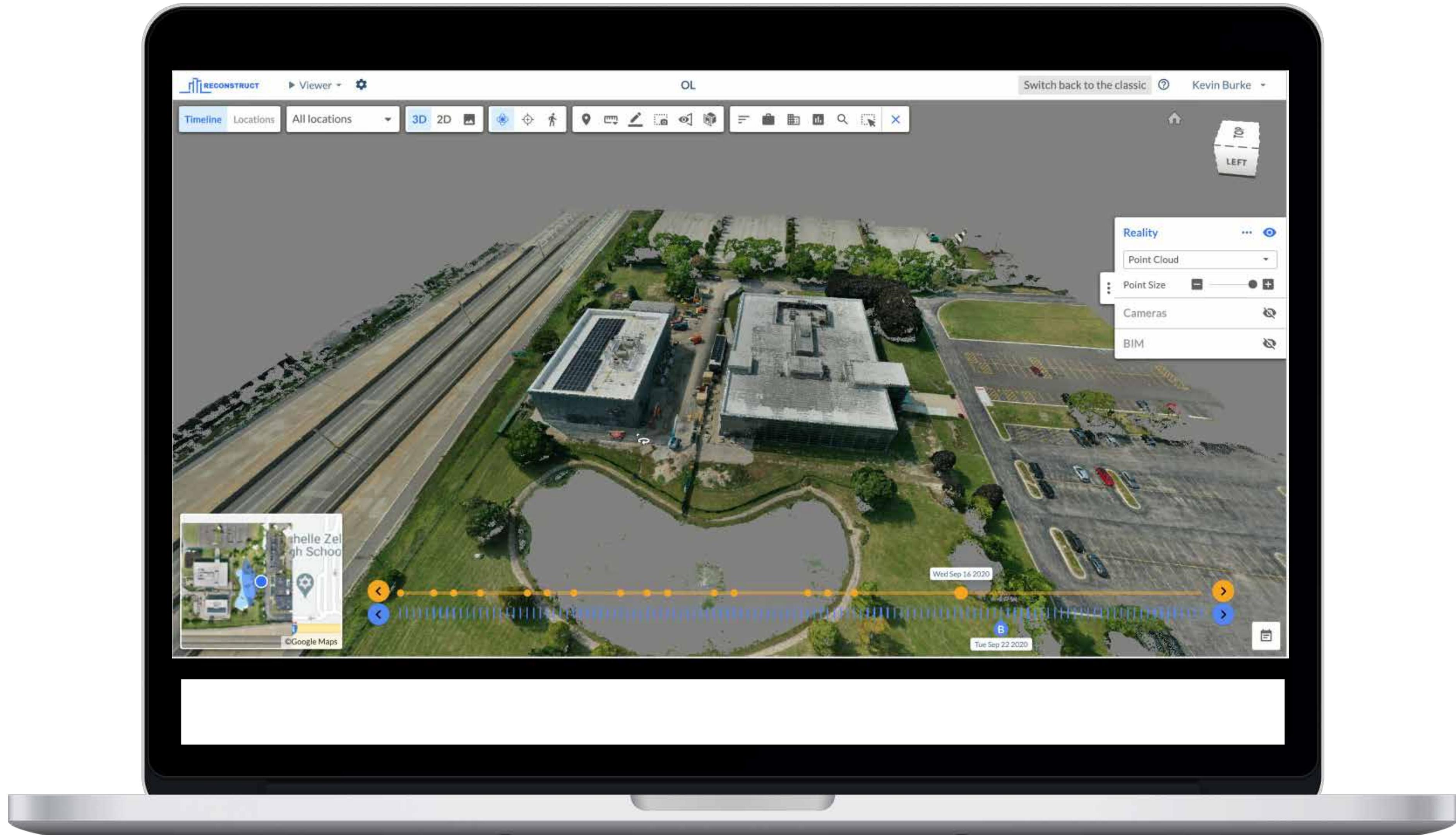
Viewer



Model
Derivative



Data
Management



Viewer



BIM
360



Model
Derivative



Data
Management



EarthCam®



Viewer



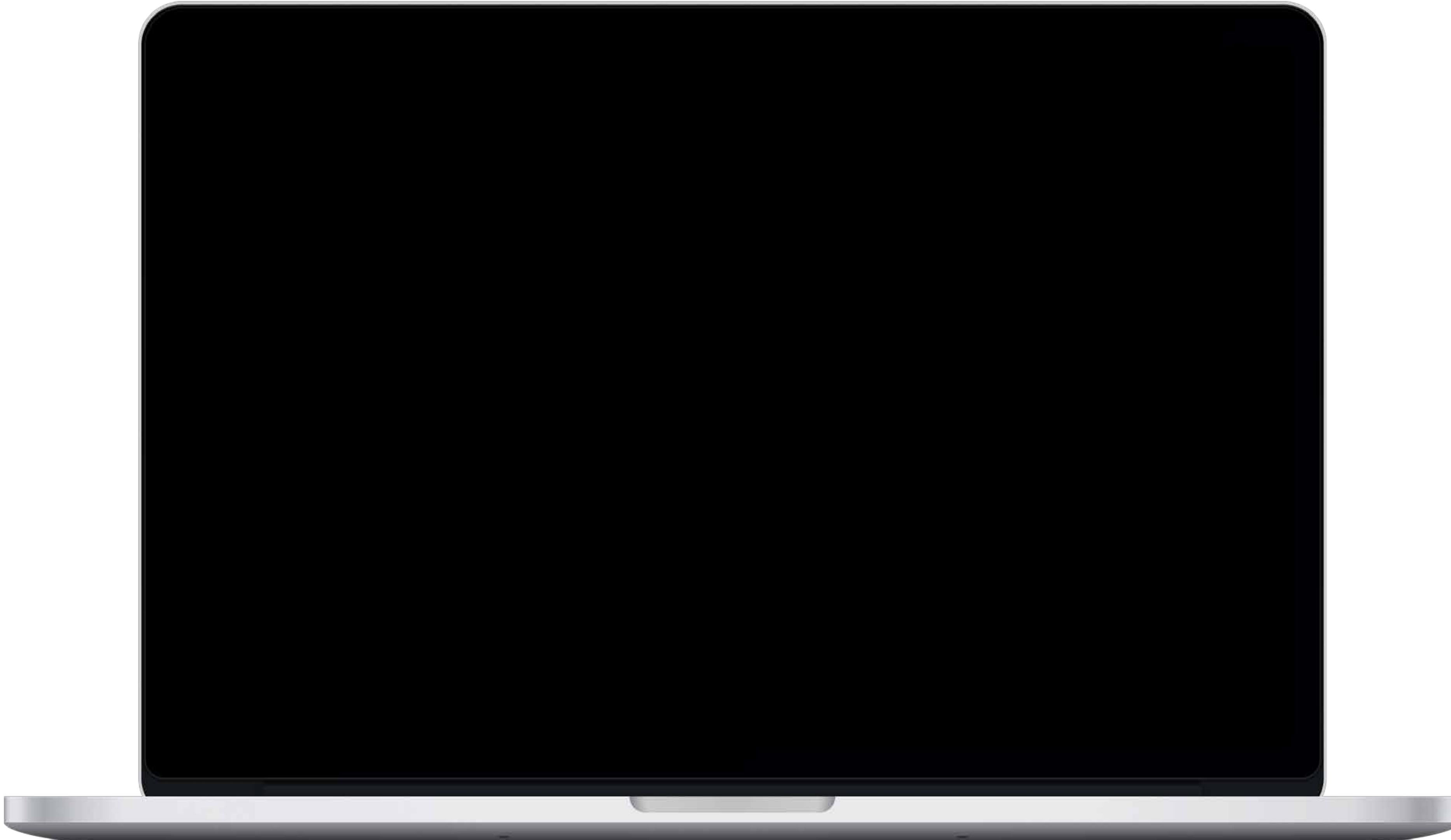
BIM
360



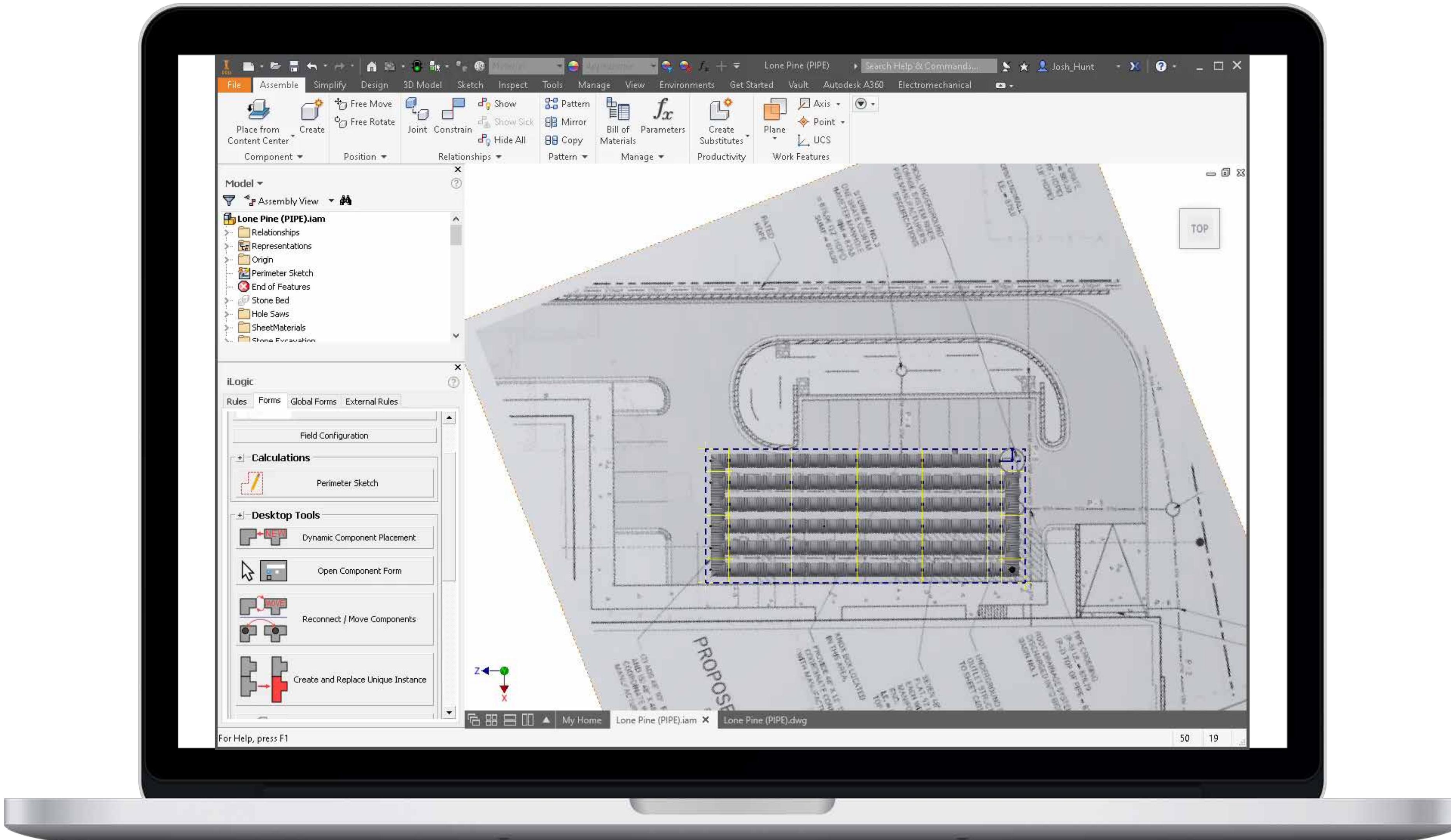
Model
Derivative



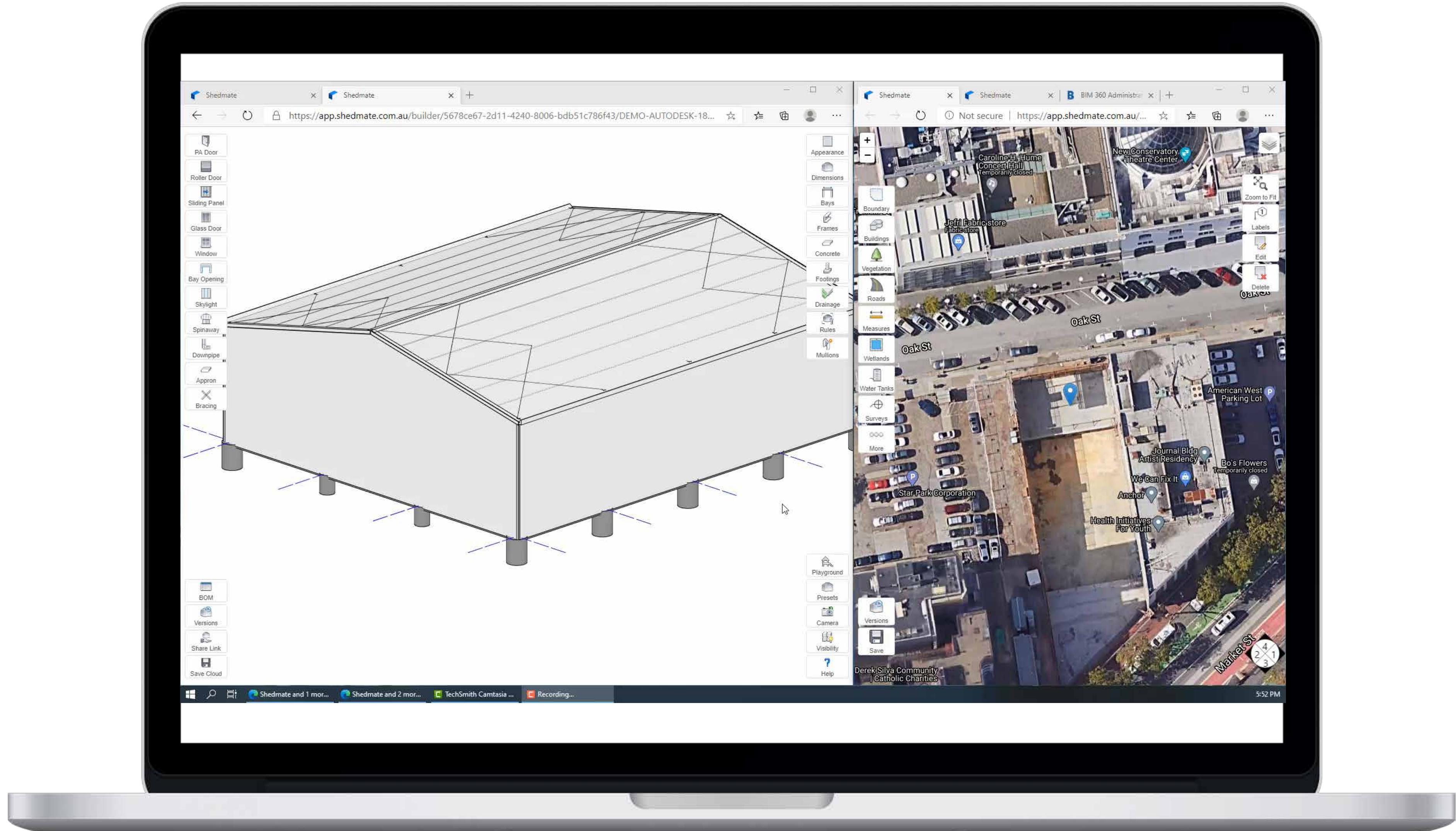
Data
Management



Design
Automation



Design
Automation



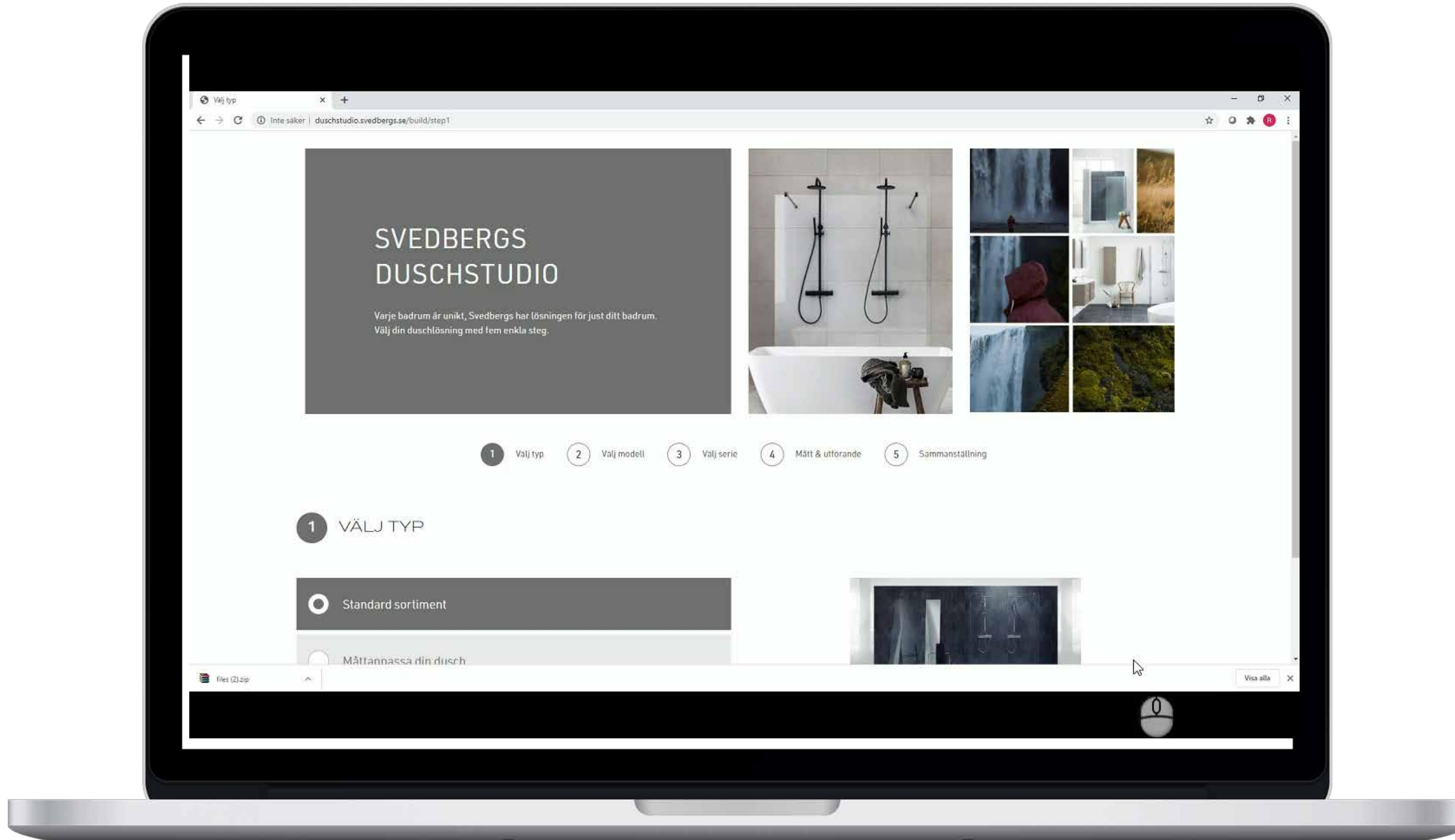
Design
Automation



BIM
360



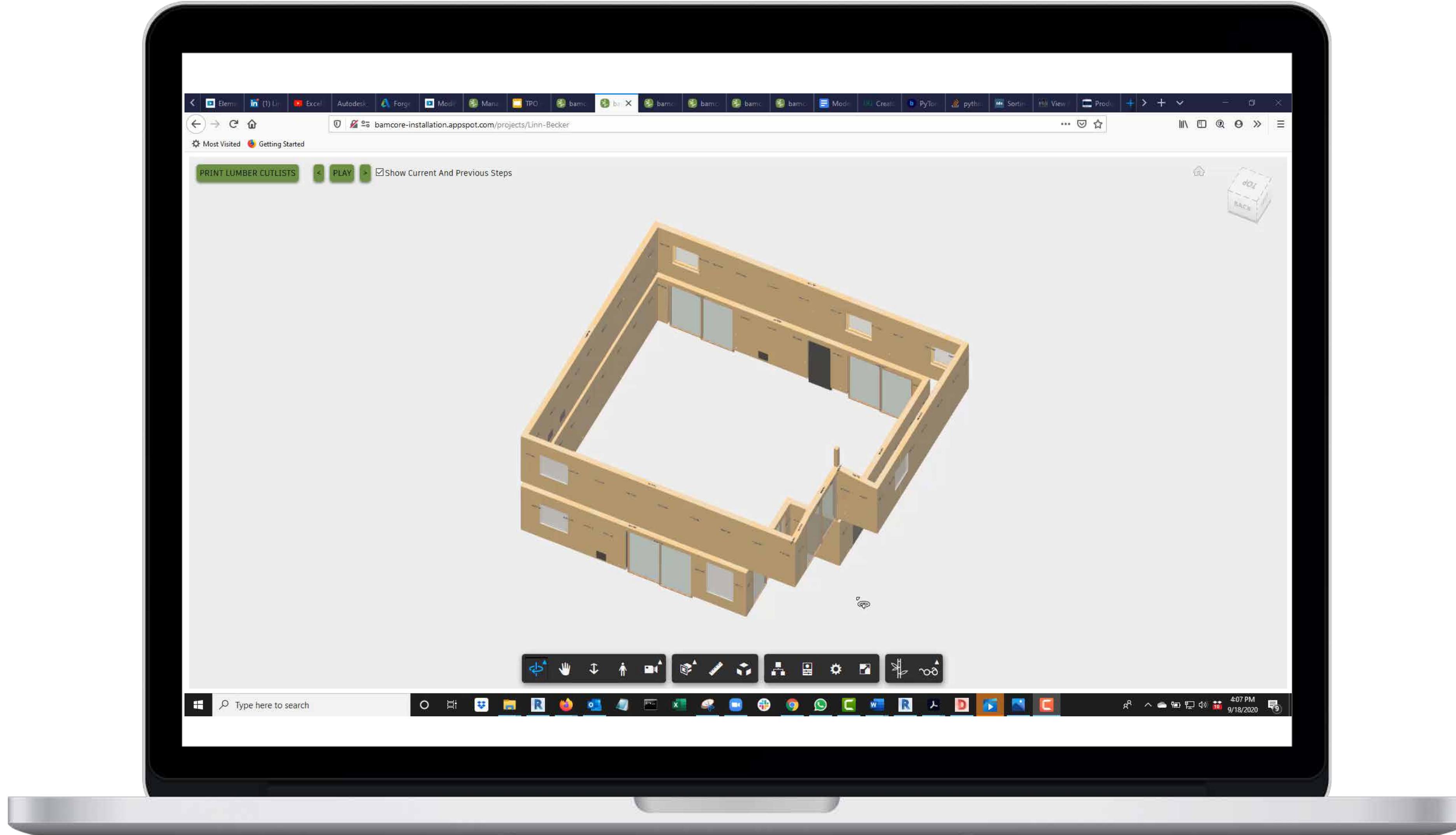
Data
Management



Design
Automation



BAMCORE®



Viewer



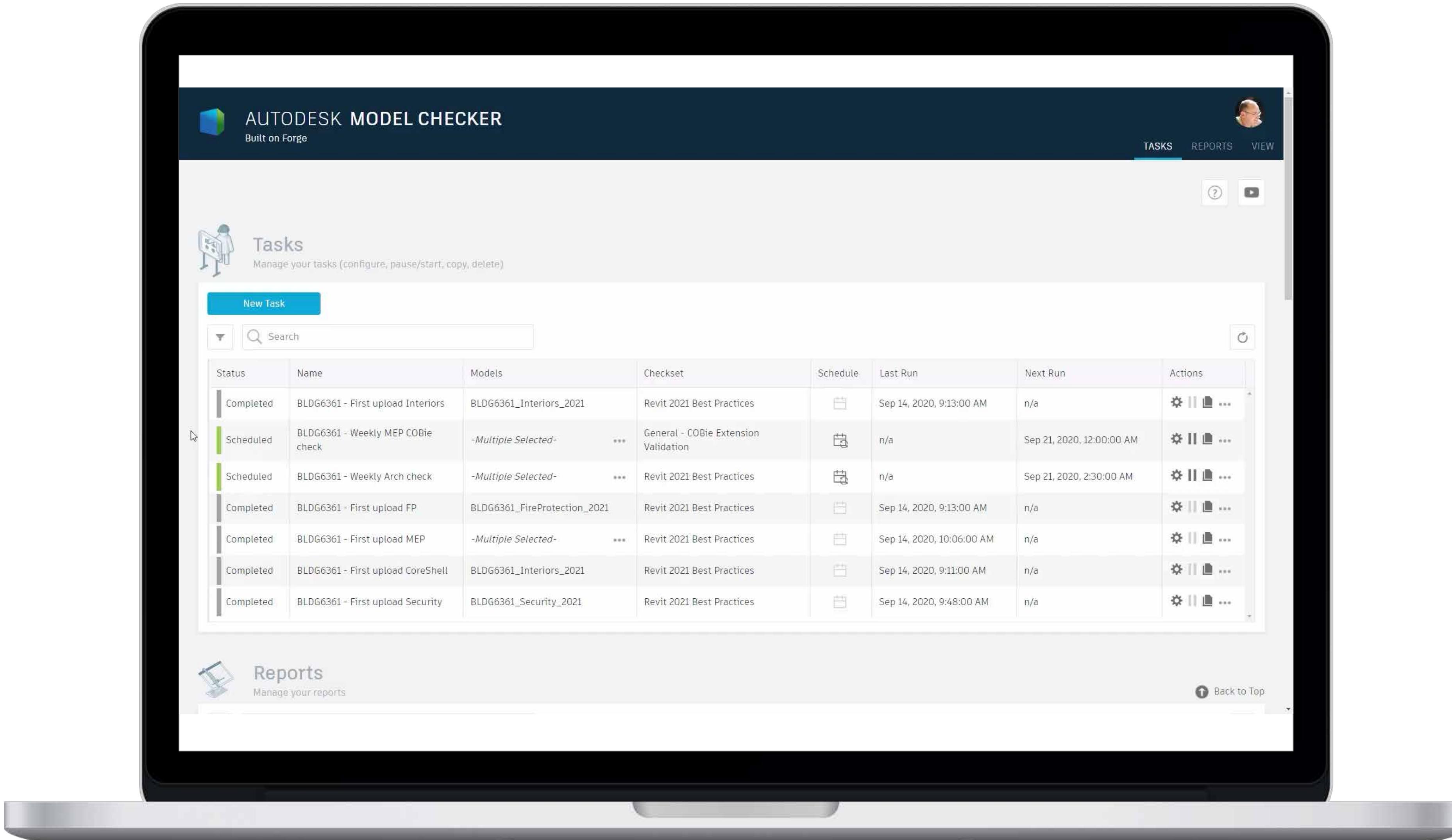
Model
Derivative



Data
Management



CADD MICROSYSTEMS



Design
Automation



BIM
360



Data
Management

Autodesk Model Checker for Revit

R

Title Revit Model Best Practices for Revit 2021

Date Monday, June 22, 2020

Author Autodesk

2021

Description Series of checks to review modeling best practices and integrity

PacificCenter_AY_Arch-v21

Check Summary 97 Checks, 3 (16%) Pass, 16 Fail, 77 Count/List, 1 Errors

16%

Report Date Saturday, September 26, 2020 - 7:52:09 AM

Revit Filepath C:\Users\krygiee\Desktop\PacificCenter_AY_Arch-v21.rvt

Checkset File <http://www.biminteroperabilitytools.com/modelchecker/hostedchecks/bestpractices-2021.xml>

Unplaced Spaces

PASS/FAIL check to determine if any spaces are unplaced. Will Fail if any are found.

Count: 0

Redundant and Unenclosed Spaces

PASS/FAIL check to determine any spaces are in the same location as another space. Will Fail if any are found.

Count: 0

Unique Space Number

PASS/FAIL check to determine if there are spaces with the same number. Will Fail if any are found.

Count: 0



Unplaced Rooms

PASS/FAIL check to determine if any rooms are unplaced. Will Fail if any are found.

These rooms are unplaced in the model

Count: 17

Category	Name	ID
Rooms	Rooms : Collaboration 210	3524003
Rooms	Rooms : Copy/Mail 400A	5352483
Rooms	Rooms : Elevator E4	5351694
Rooms	Rooms : Elevator E4	5371783
Rooms	Rooms : Elevator E4	5335101
Rooms	Rooms : Elevator E5	5351695
Rooms	Rooms : Elevator E5	5371784
Rooms	Rooms : Elevator E5	5335102
Rooms	Rooms : Elevator E6	5371785
Rooms	Rooms : Elevator E6	5351696
Rooms	Rooms : Elevator E6	5335103
Rooms	Rooms : Exterior Bridge 275.2	5714789



Redundant and Unenclosed Rooms

PASS/FAIL check to determine if any rooms are in the same location as another room. Will fail if any are found.

These rooms are redundant in the model

Count: 19

Category	Name	ID
Rooms	Rooms : Stairs S1.2	2632830
Rooms	Rooms : Stairs S1.3	5352803
Rooms	Rooms : Stairs S1.4	5352876
Rooms	Rooms : Stairs S1.5	5352969
Rooms	Rooms : Stairs S2.2	3563918
Rooms	Rooms : Stairs S2.3	5379198
Rooms	Rooms : Stairs S2.4	5379207
Rooms	Rooms : Stairs S2.5	5388602
Rooms	Rooms : Stairs S5.2	5352642
Rooms	Rooms : Stairs S5.3	5352552
Rooms	Rooms : Stairs S5.4	5352480
Rooms	Rooms : Stairs S5.5	5351198

Forge 全般の情報は – forge.autodesk.com

FORGE Success Stories

From artificial intelligence to virtual reality, from smart manufacturing to the connected jobsite—the Forge community of customers and partners are using Forge to innovate in their industries.

NORCONSULT
INFORMASJONSSYSTEMER AS

Forge helps trim emissions by 20% on \$500-million transport project
AEC

MG AEC TECHNOLOGY PARTNERS

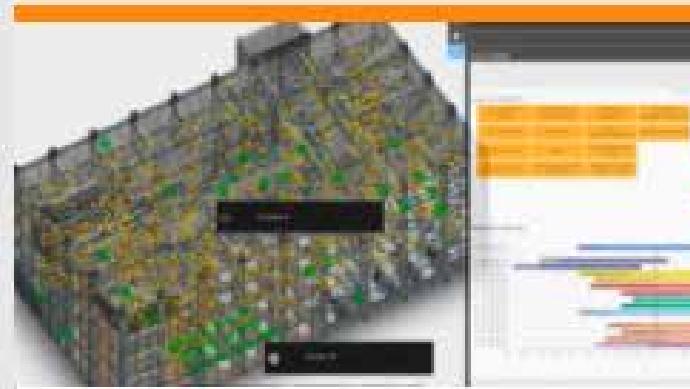
Donors interact with 3D Model of U.S. Olympic Museum via Forge
AEC

Discover Community Success Stories

APIs and Services Industries Autodesk Products Sort by

- Select - - Select - - Select - Most Recent

Reset to show all

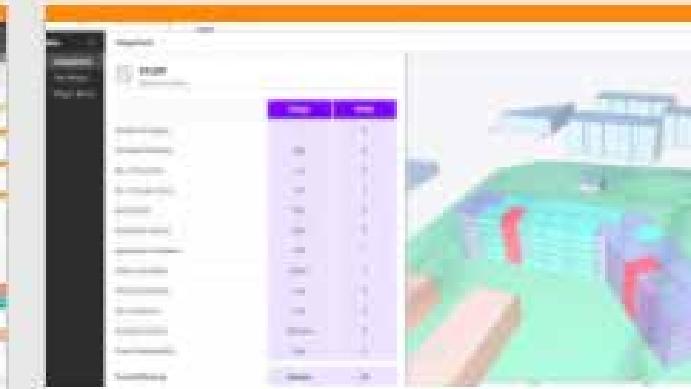


Software Development

BIM6D

BIM6D uses Forge to create data integrations and related reports that help AEC professionals manage data throughout the entire project lifecycle.

[Read story](#)



Software Development

SWAPP

SWAPP uses the Forge platform to provide customers with 2D/3D visualizations of highly optimized, AI-based, automated building plans.

[Read story](#)



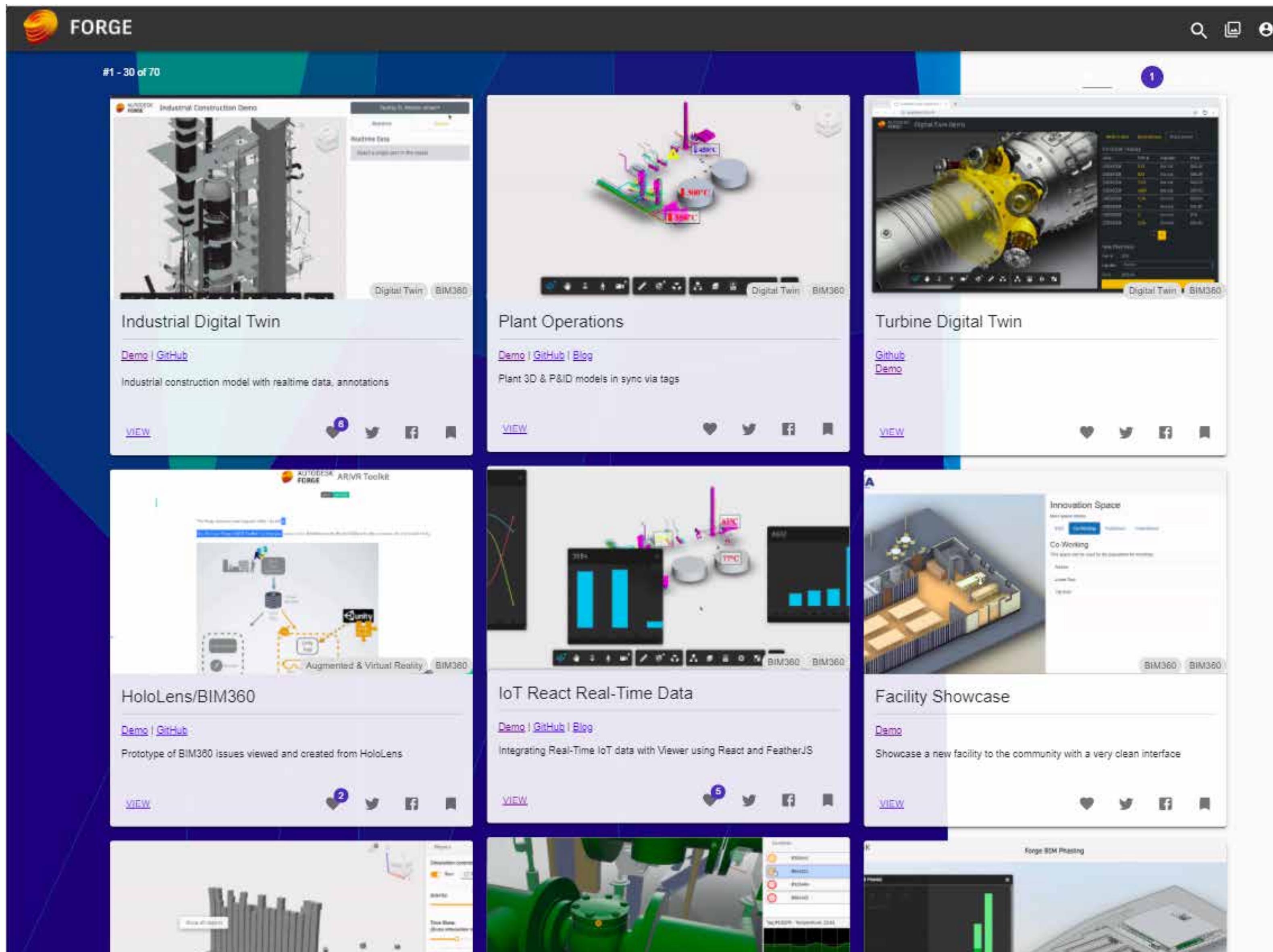
Manufacturing, Software Development

Cadcraft

Cadcraft turned to Forge APIs to streamline and speed a customer's order and manufacturing process, reducing errors and cost and boosting customer satisfaction.

[Read story](#)

さまざまなサンプルは – forge-showroom.autodesk.io



Forge パートナートーク

<https://forge.autodesk.com/partnertalks>

The screenshot shows the Autodesk Forge Partner Talks website with four recent talk cards displayed:

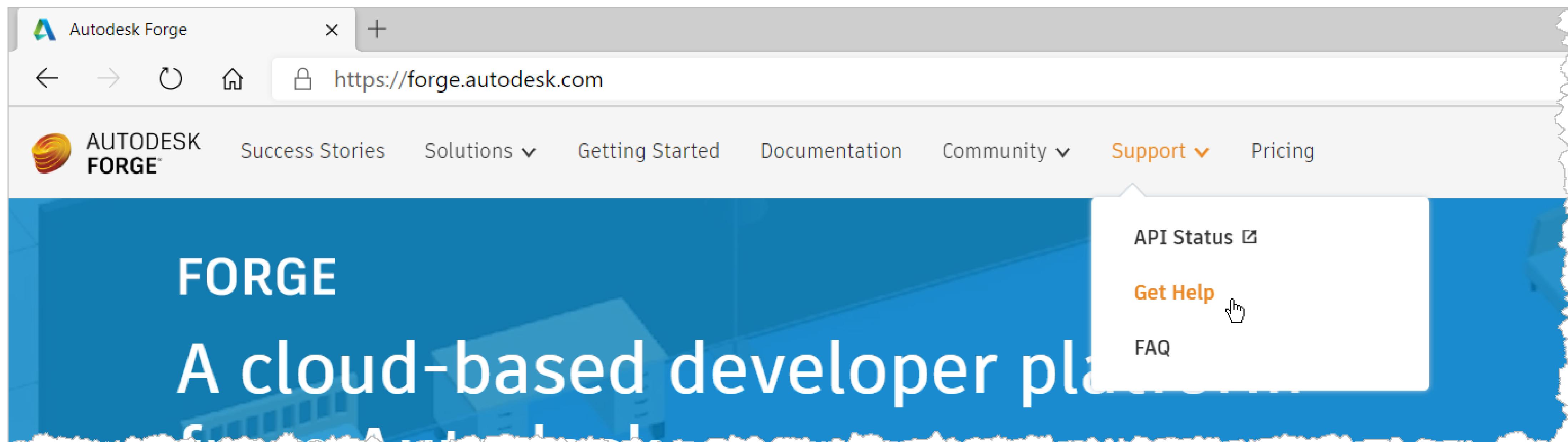
- Forge Partner Talks: Configurators - Q&A and recording** (MAY 29, 2020)
SANJANA CHAND
Thank you for joining us for Forge Partner Talks: Configurators. We are always excited to showcase new and exciting solutions built by our partners and customers, and hope seeing what the... [READ MORE](#)
TAGS: Forge Partner Talks, Events
- Forge Partner Talks Summer Lineup** (MAY 26, 2020)
SANJANA CHAND
The Forge Partner Talks webinar series will continue through June and July with four brand new panel discussions on another set of industry topics and trends! This is your opportunity to ... [READ MORE](#)
TAGS: Forge Partner Talks, Events
- Forge Partner Talks: AR/VR - Q&A and recording** (MAY 20, 2020)
SANJANA CHAND
Thank you for joining us at Forge Partner Talks: AR/VR. We enjoy showcasing new and exciting solutions built by our partners, and hope seeing theirs has inspired you to build your own or... [READ MORE](#)
TAGS: AR/VR Toolkit, Forge Partner Talks, Events
- Forge Partner Talks: Digital Twins Q&A and recording** (MAY 18, 2020)
SANJANA CHAND
Thank you for joining us at the very first Forge Partner Talks on Digital Twins. Hopefully you learned a lot from seeing the solutions our partners created, and are now inspired to build ... [READ MORE](#)
TAGS: Software Development, Forge Partner Talks, Webinar, Events

ご不明な点は

AU Answer Bar

Email : forge.help@autodesk.com

または





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