



Autodesk **AI** & **Forma** Industry Cloud

Monica Pereira da Silva
Solutions Engineer AECO – Northern Europe

Safe Harbor Statement

We may make forward-looking statements regarding planned or future development efforts for our existing or new products and services and statements regarding our strategic priorities. These statements are not intended to be a promise or guarantee of business results, future availability of products, services or features but merely reflect our current plans and are based on factors currently known to us. These planned and future development efforts may change without notice. Purchasing and investment decisions should not be made based upon reliance on these statements.

A discussion of factors that may affect future results is contained in our most recent Form 10-K and Form 10-Q filings available at www.sec.gov, including descriptions of the risk factors that may impact us and the forward-looking statements made in these presentations. Autodesk assumes no obligation to update these forward-looking statements to reflect events that occur or circumstances that exist or change after the date on which they were made. If this presentation is reviewed after the date the statements are made, these statements may no longer contain current or accurate information.

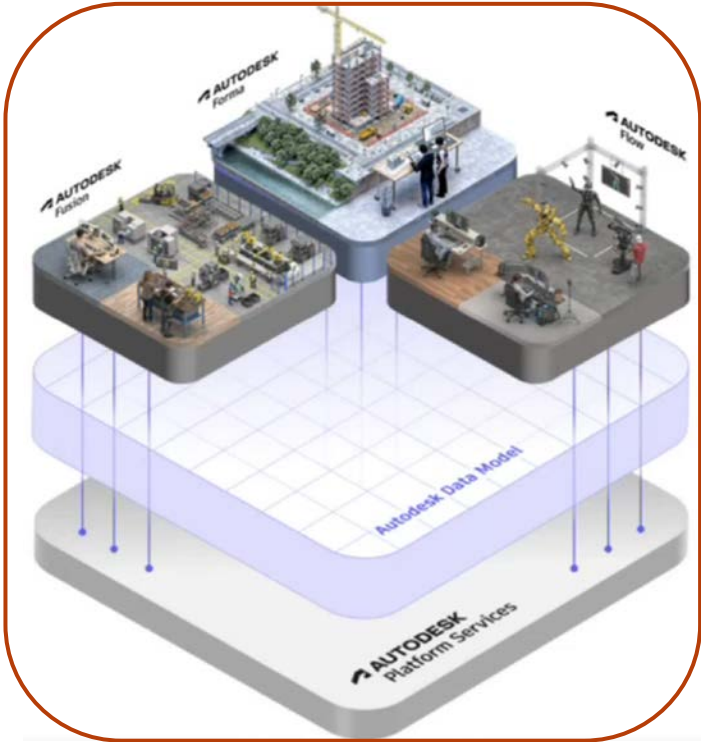
This presentation also contains information, opinions and data supplied by third parties and Autodesk assumes no responsibility for the accuracy or completeness of such information, opinions or data, and shall not be liable for any decisions made based upon reliance on any such information, opinions or data.

Autodesk's partners frequently compete against each other in the marketplace, and it is critically important that all participants in this meeting observe all requirements of antitrust laws and other laws regarding unfair competition. Autodesk's long insistence upon full compliance with all legal requirements in the antitrust field has not been based solely on the desire to stay within the bounds of the law, but also on the conviction that the preservation of a free and vigorous competitive economy is essential to the welfare of our business and that of our partners, the markets they serve, and the countries in which they operate. It is against the policy of Autodesk to sponsor, encourage or tolerate any discussion or communication among any of its partners concerning past, present or future prices, pricing policies, bids, discounts, promotions, terms or conditions of sale, choice of customers, territorial markets, quotas, inventory, allocation of markets, products or services, boycotts and refusals to deal, or any proprietary or confidential information. Communication of this type should not occur, whether written, oral, formal, informal, or "off the record." All discussion at this meeting should be strictly limited to presentation topics.



Autodesk **Forma** Industry Cloud

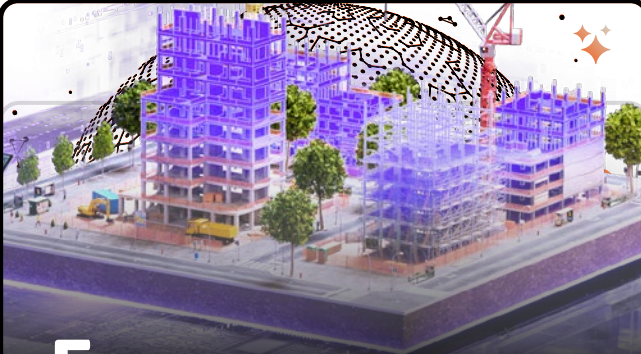
Desktop



 Autodesk Forma

Cloud





Forma
Outcome-based BIM
powered by granular data & AI

+

Connected BIM

+

BIM

+

CAD

INDUSTRY CLOUD

DESIGN & MAKE PLATFORM



Fusion
MFG




Forma
AECO

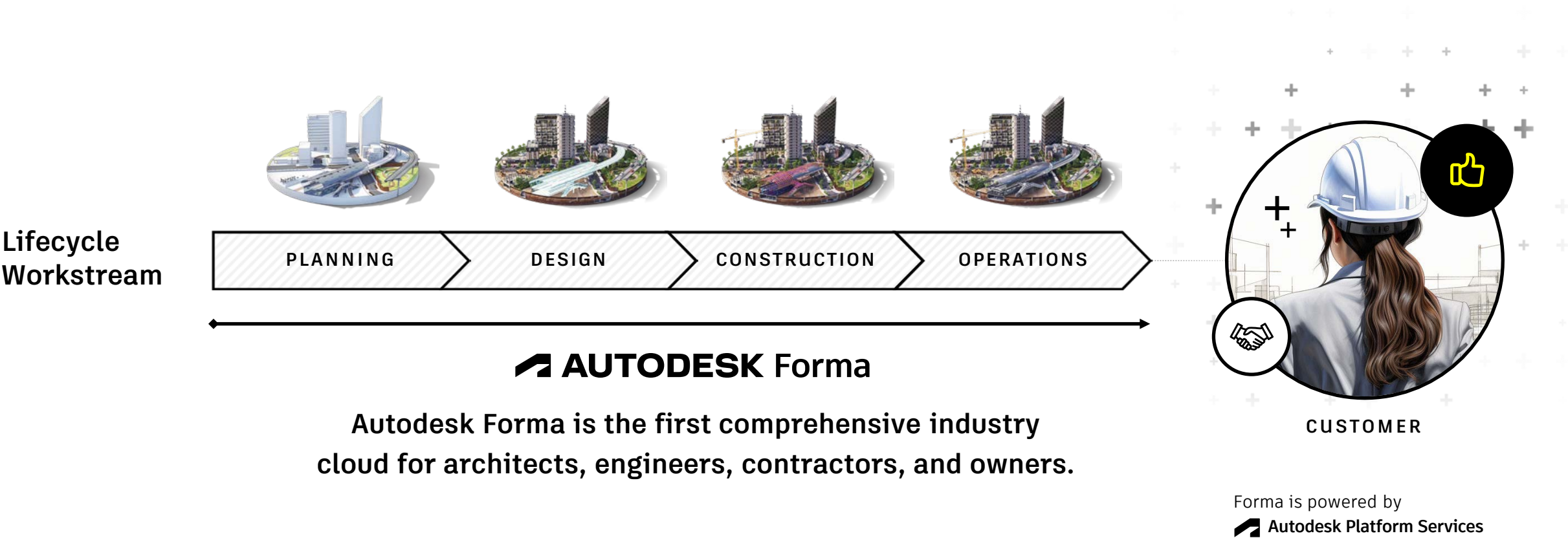


Flow
EMS


AUTODESK DATA REPOSITORY

 AUTODESK Platform Services

Forma's vision is to support the full project lifecycle



WHAT IS DIFFERENT ABOUT FORMA



Connected Granular Data

Replaces static files with dynamic, accessible information – unlocking greater transparency, control, and real-time insight across the project lifecycle



Hyper Collaboration

New ways for teams to collaborate in real-time, immersive and asynchronous environments across disciplines and phases



Outcomes & Automation

Expands model-based BIM with new ways of working that integrate AI, automation, and a focus on outcomes across all stages of the process.

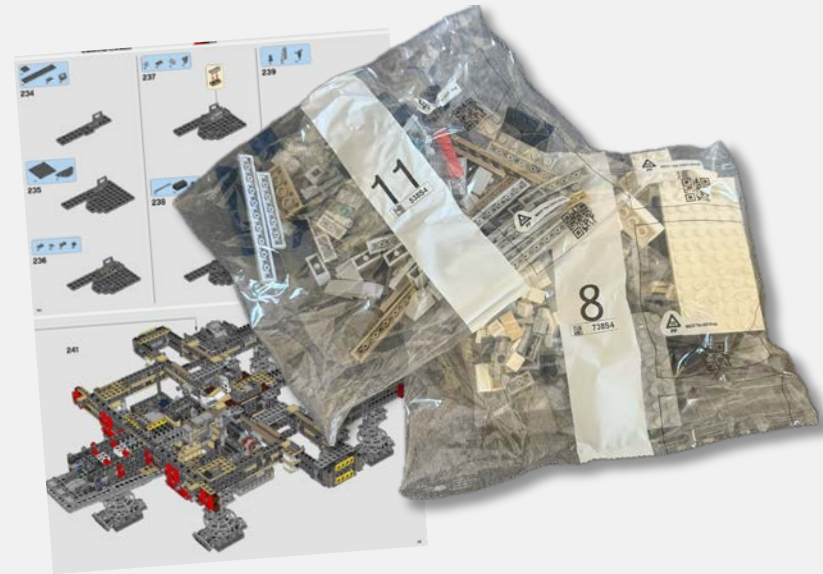
AI-powered

Enhance interoperability by using and sharing data instead of files

Files

Data

VS

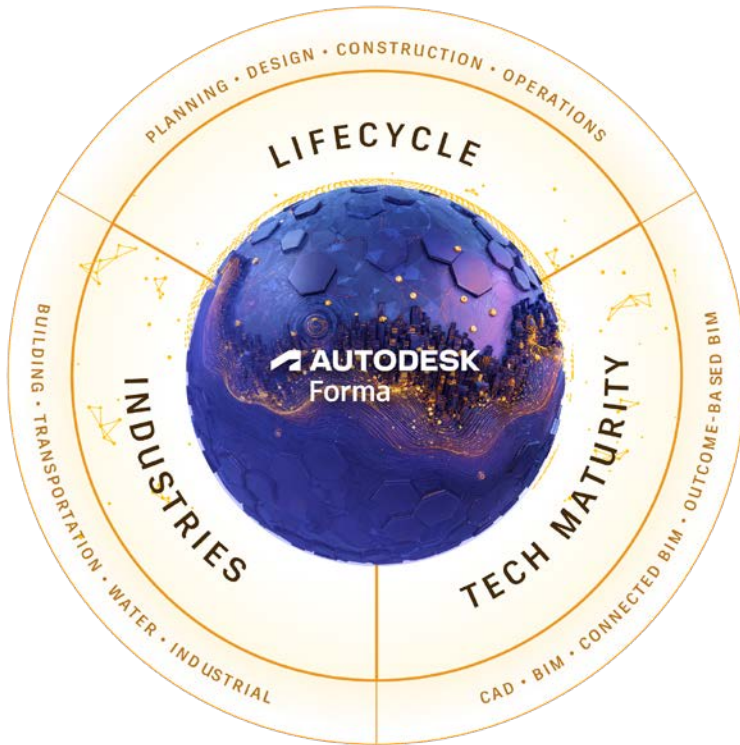


Realizing the Vision



 AUTODESK

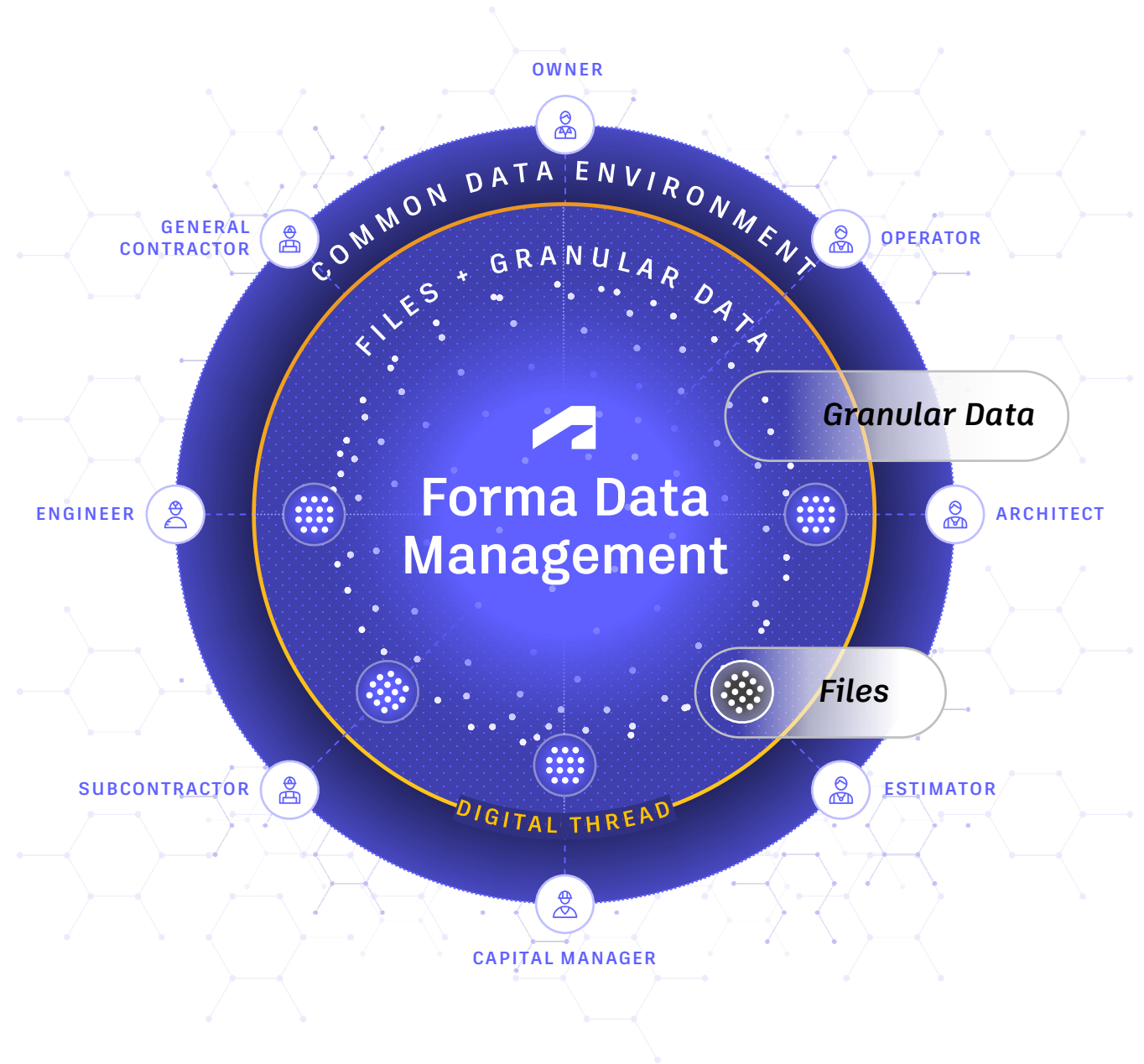
How are we building Forma?



- 1 Expanding Docs as the Common Data Environment
- 2 Bringing ACC to Forma
- 3 Expanding Forma's Outcome-Based Capabilities across Phases and Industries
- 4 Bridging Desktop and Cloud

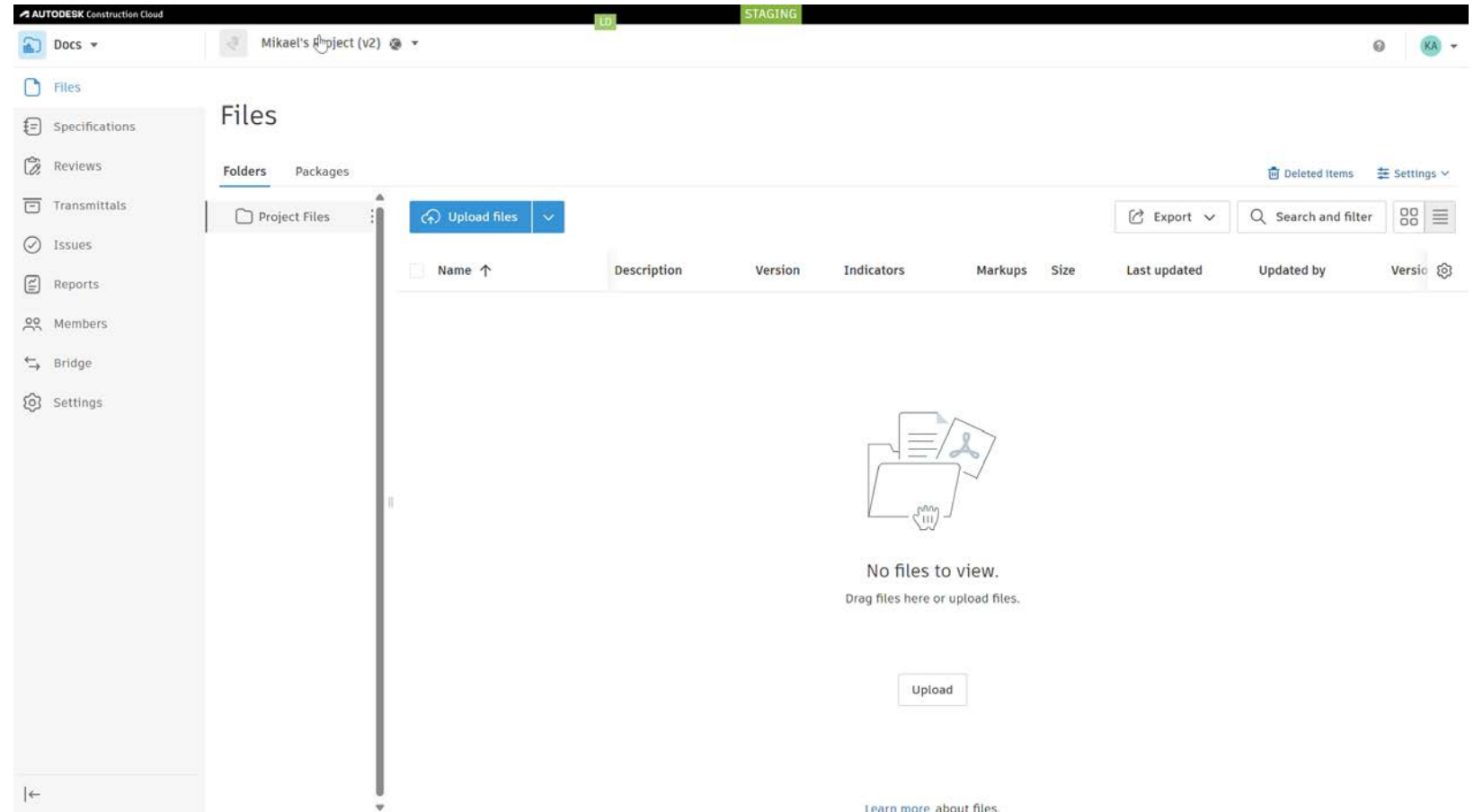
We are expanding Docs with the AEC Data Model to enable granular data capabilities

- The **AEC data model** is a cloud database that establishes a shared language across the lifecycle of a project
- By doing the work you are already doing, you can reap the benefits of granular data



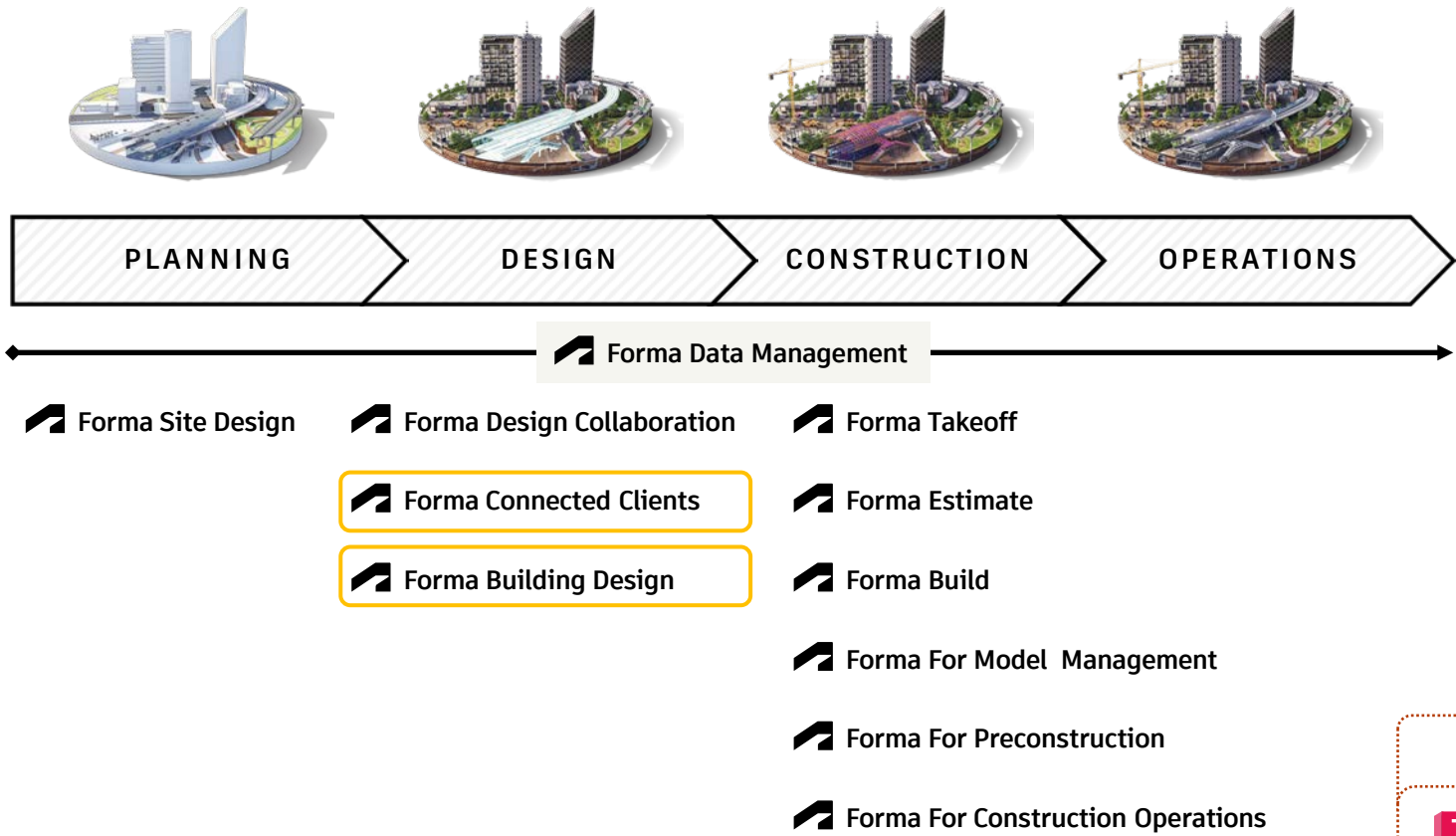
Bringing ACC to Forma

- ✓ **Unified project environment** from Planning to Operations
- ✓ **Full data control** across lifecycle
- ✓ **Shared navigation** across products
- ✓ **Shared role definitions and access management**



Realizing Design & Make in AECO

Lifecycle
Workstream



CUSTOMER

Forma is powered by
Autodesk Platform Services

INCUBATIONS
Connected to Forma Data Management

T Tandem

W Workshop XR

R Informed Design for Revit

Forma Design: 4 core product experiences

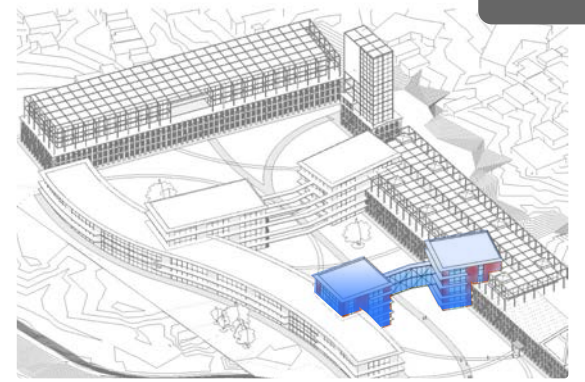


Forma **Site** Design



NEW

Forma **Building** Design



NEW

Forma **Connected Clients**

Forma **Board**

Forma **Site Design**: Outcome-Based Planning



Forma For Site Planning
and Conceptual Design



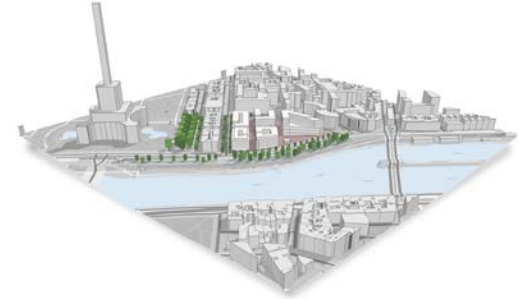
Architects, Urban planners, Master
planners



**3d Modelling with
Contextual Data**

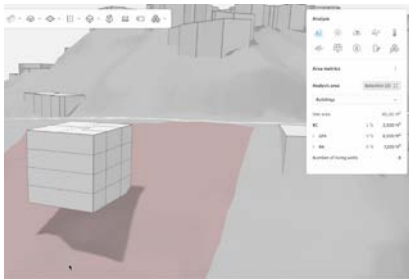


**Real-time
Impact Analyses**

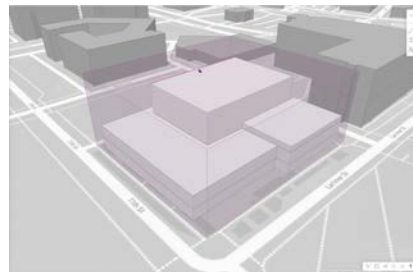


**Open APIs and
Connected Workflows**

WHATS NEW (2025) SELECTED EXAMPLES



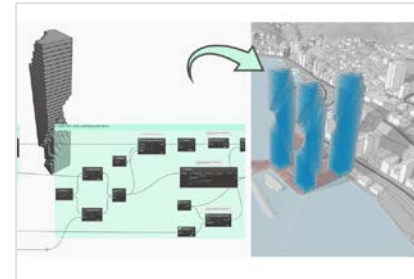
Terrain editing



Enhanced 3D sketching



Interactive Explore

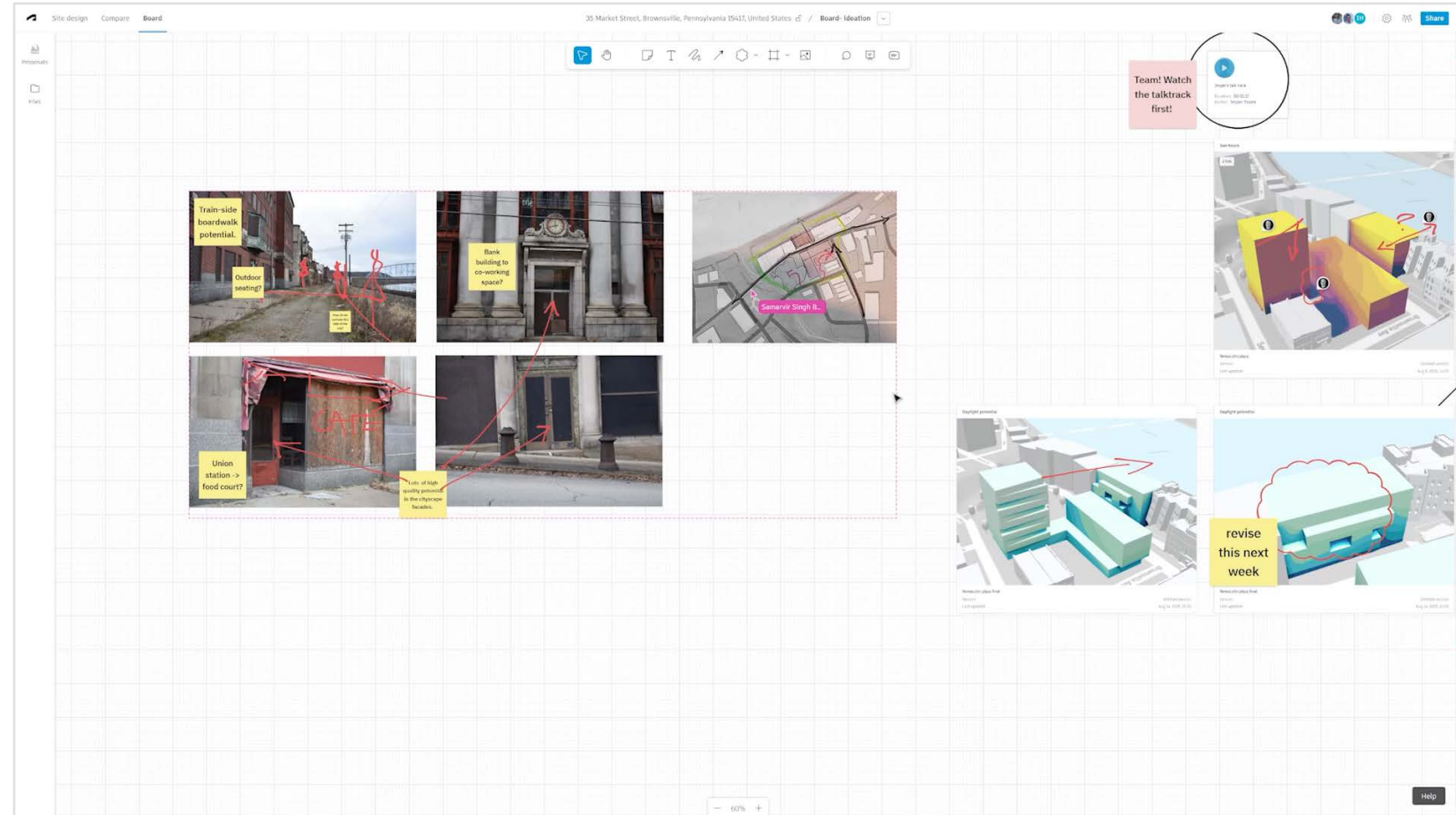


**Dynamo As a Service
(Open Beta)**

Docs enables Collaboration with Forma Board

Organize, present, collaborate, and annotate models, files, and data with Forma Board – a collaborative, real-time visual whiteboard for AEC workflows.

Available in Forma Site Design,
Coming to Docs



NEW

Forma **Building Design**: Rapid sketch to BIM extending into Building Schematic and Design Development workflows



Forma For Building Schematic
and Design Development

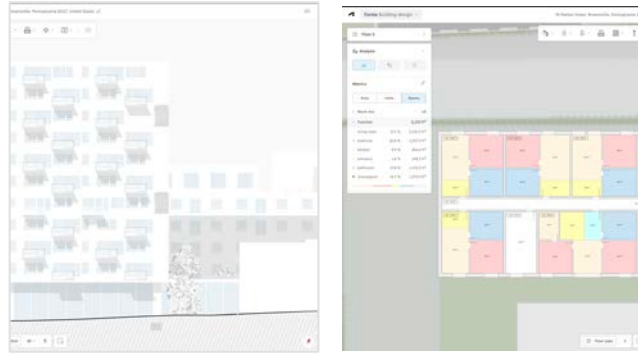


Architects,
Urban planners



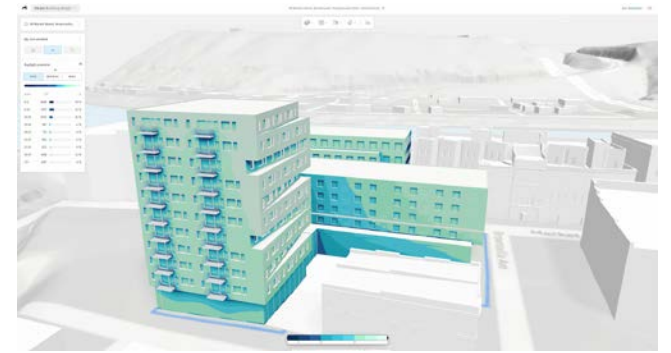
Sketch to BIM

Automated transition of Conceptual building model to data-rich BIM model



Design Automation

Generative AI for floor plan design and automations for curtain walls and custom assemblies for windows, doors, and balconies.

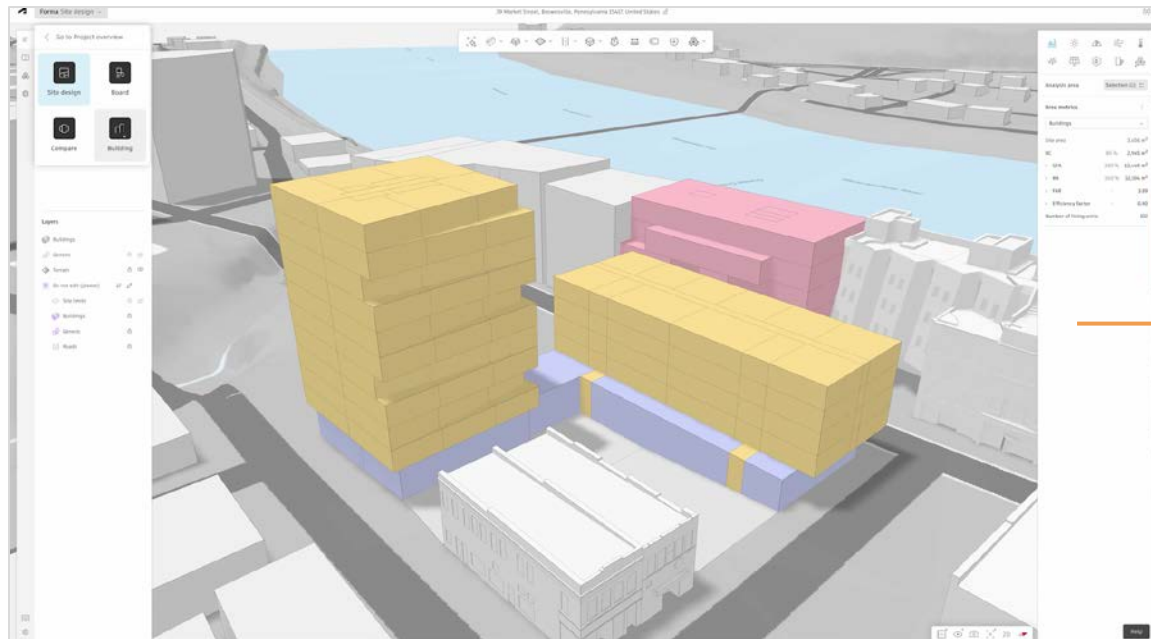


Building Analysis

Granular area metrics, exterior analysis (sunlight, vertical sky component), Embodied Carbon, and Interior daylight analyses to optimize building performance

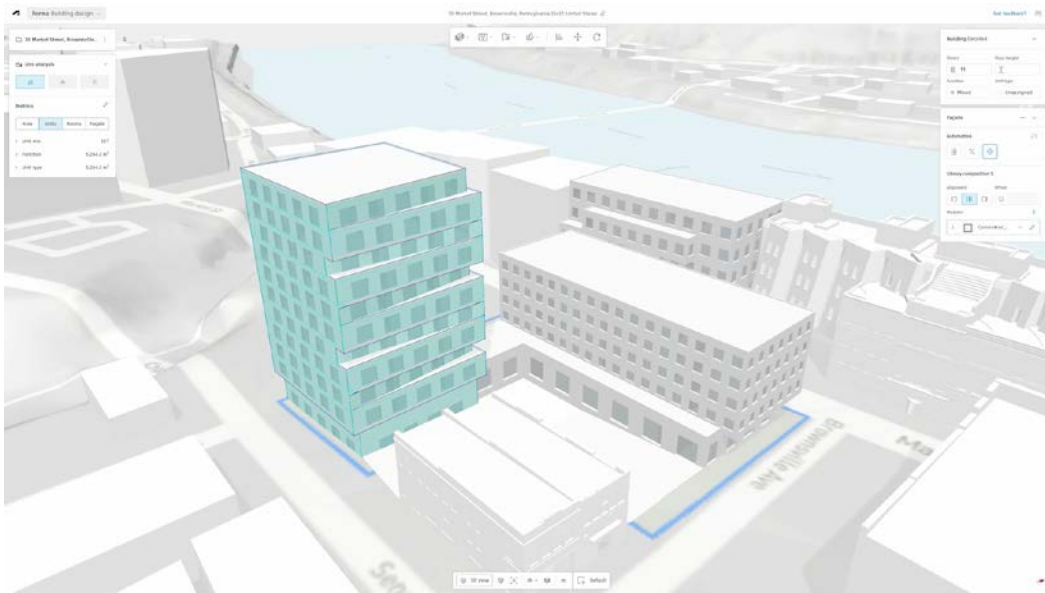
Smoothly transition from Concept Design to BIM without rework

From Conceptual model...



... To data-rich BIM model





Façade Design

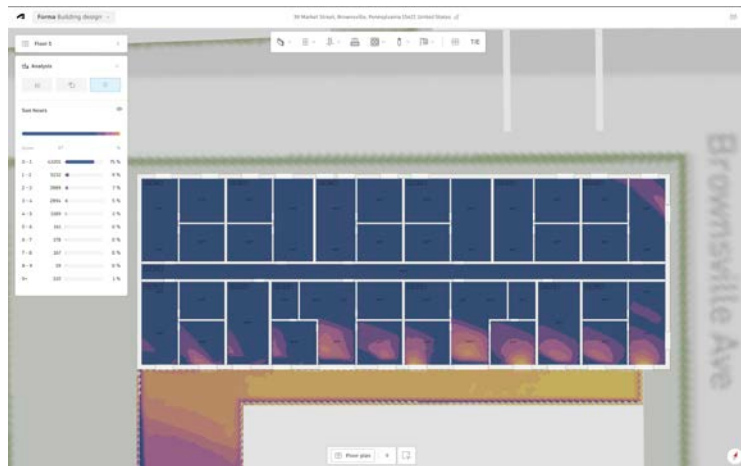
Use Parametric and generative design to shape the Building Facade using curtain walls and custom assemblies, while always retaining manual control for adjustments



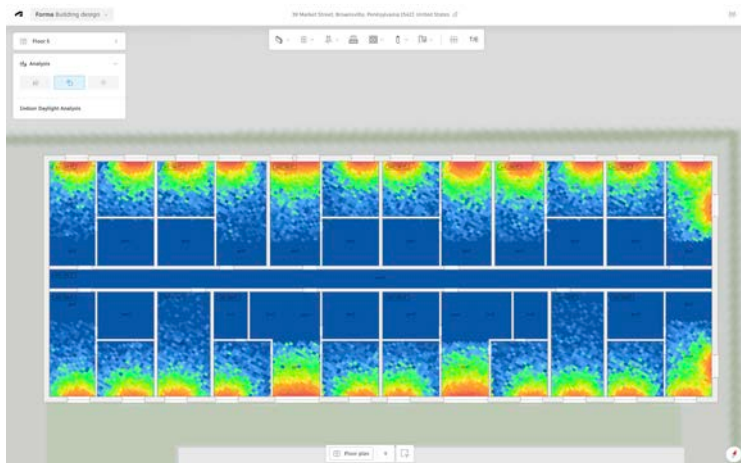
Generative AI for floor plan design

Rapidly generate and iterate on floor plan design using Autodesk's proprietary foundation model. Iteratively generate a whole building, a floor, or parts of a floor

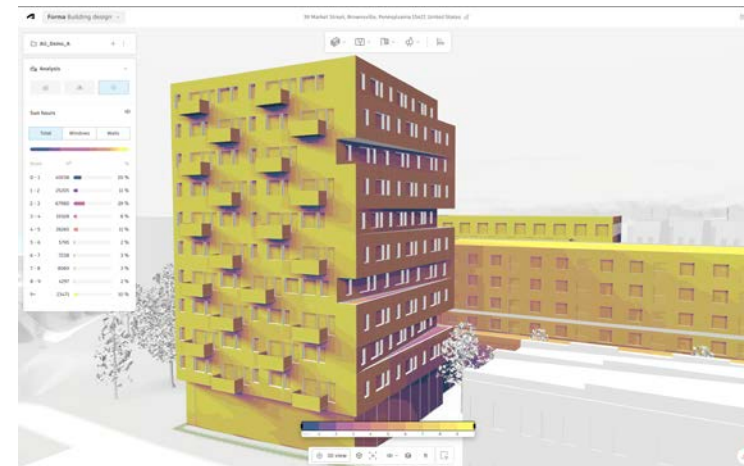
**Interior
sunlight**



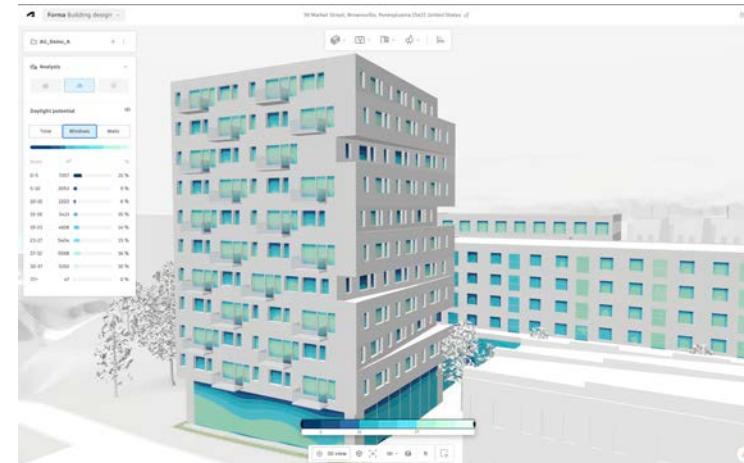
**Interior
Daylight**



**Exterior
sunlight**



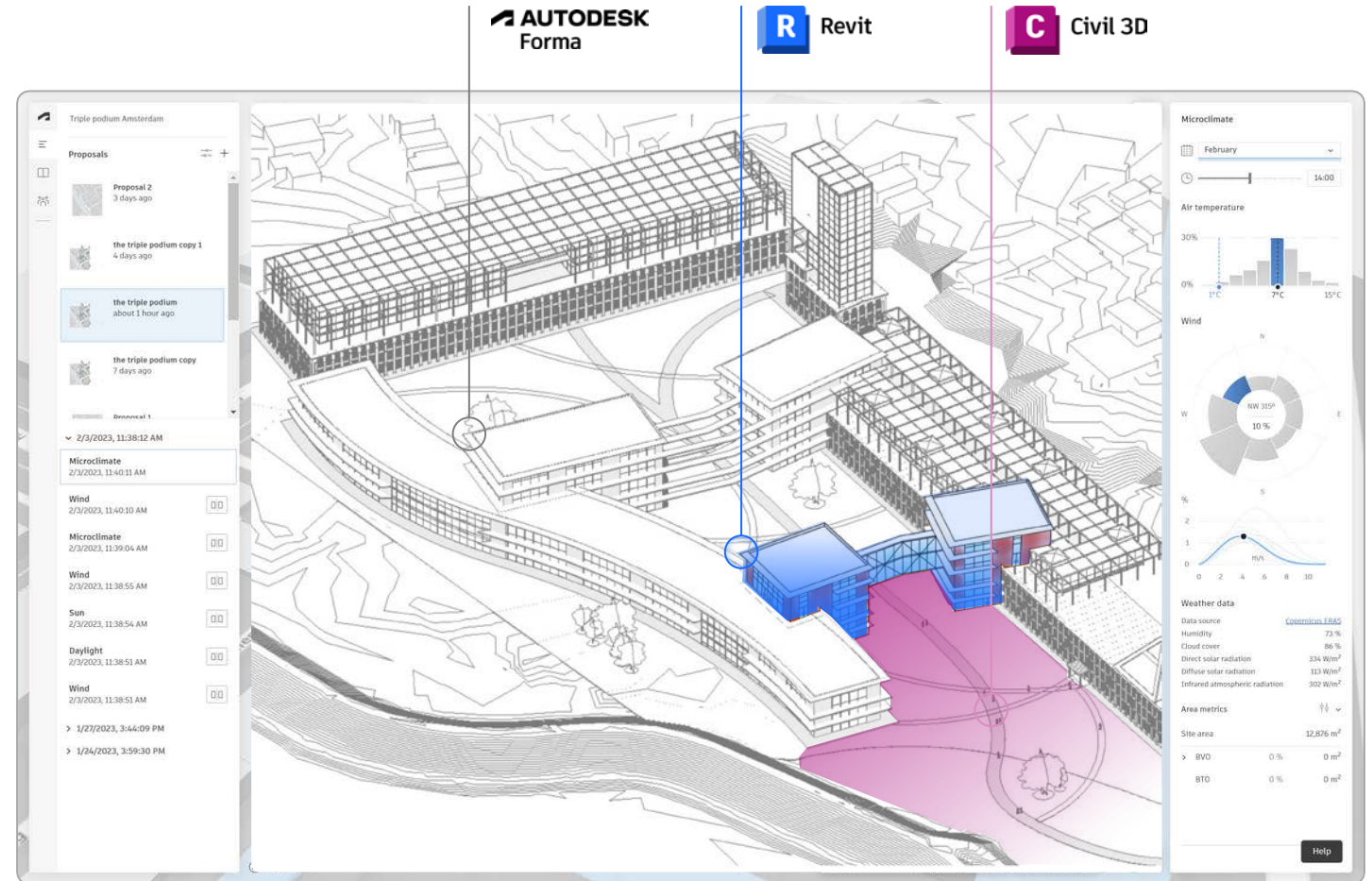
**Exterior
Daylight
(vertical
sky)**



Connected Clients enable seamless hybrid workflows

With Forma capabilities and workflows that surface across desktop and cloud applications, while ensuring data always stays connected

Starting with Revit then expanding to Civil3D, AutoCAD and other products



Revit and Civil3D users co-designing on Forma proposal

WHATS COMING

NEW

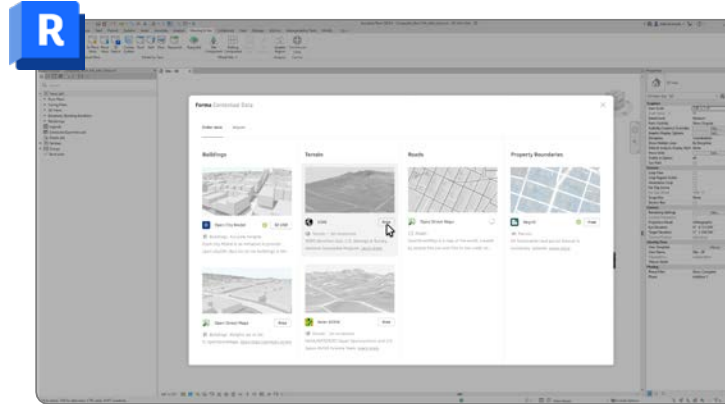
Revit – A Forma Connected Client



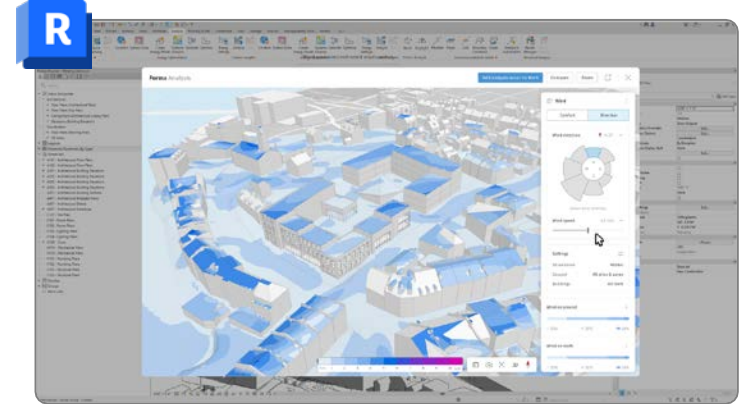
Connecting capabilities across cloud and desktop applications



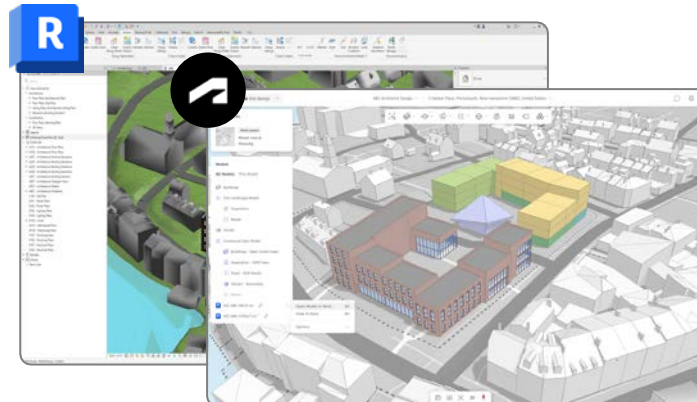
Revit Users



Enhance productivity by adding contextual data easily to Revit projects



Drive smarter decisions with analysis embedded directly in Revit



Reference relevant data stored in Docs without the need for manual import or export

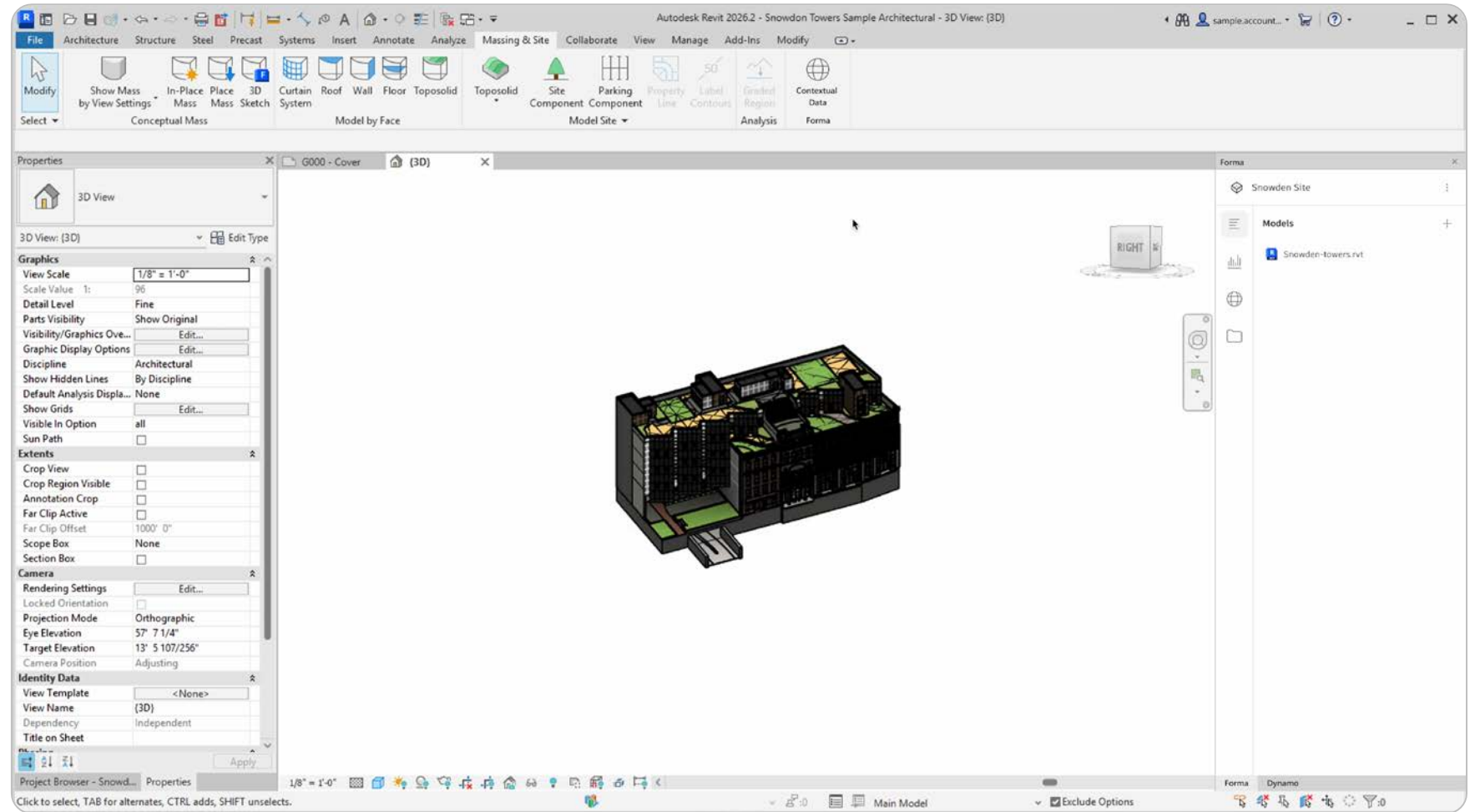


Access Contextual Data

Access contextual data such as Terrain, Buildings, and Parcels

Start designing within context, versus from a blank canvas

Make informed design decisions informed by contextual data



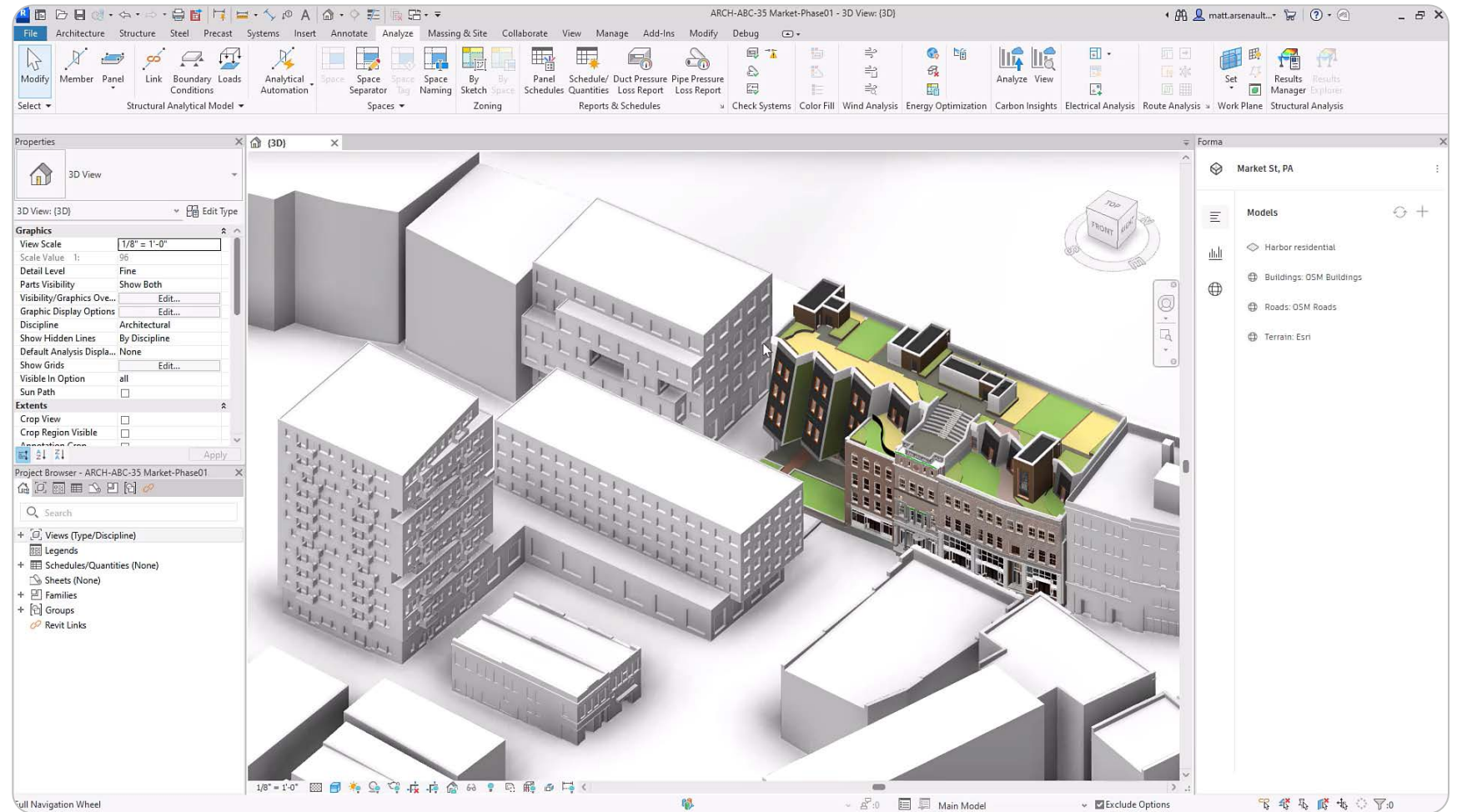


Forma Analysis in Revit

Initiate Forma Analysis
directly in Revit

Outcome driven design
decisions during detailed design

Access analysis results
from both Forma & Revit

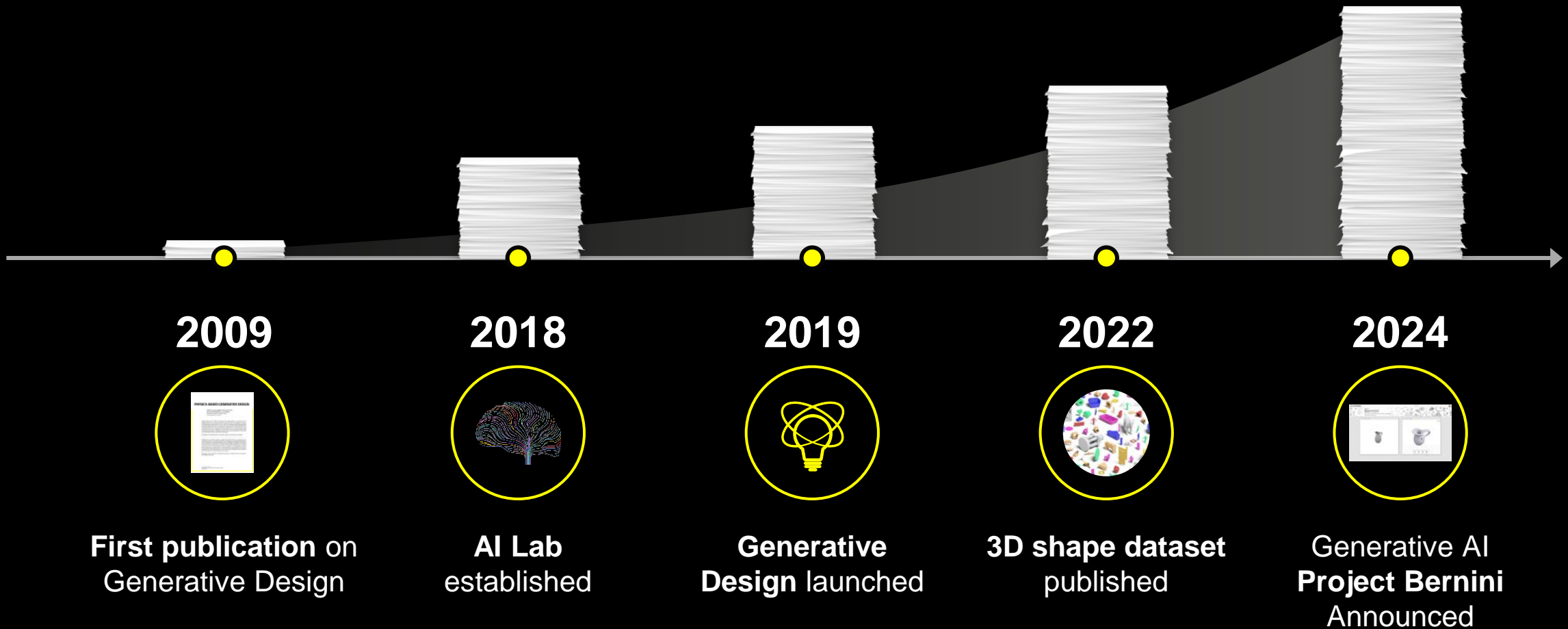




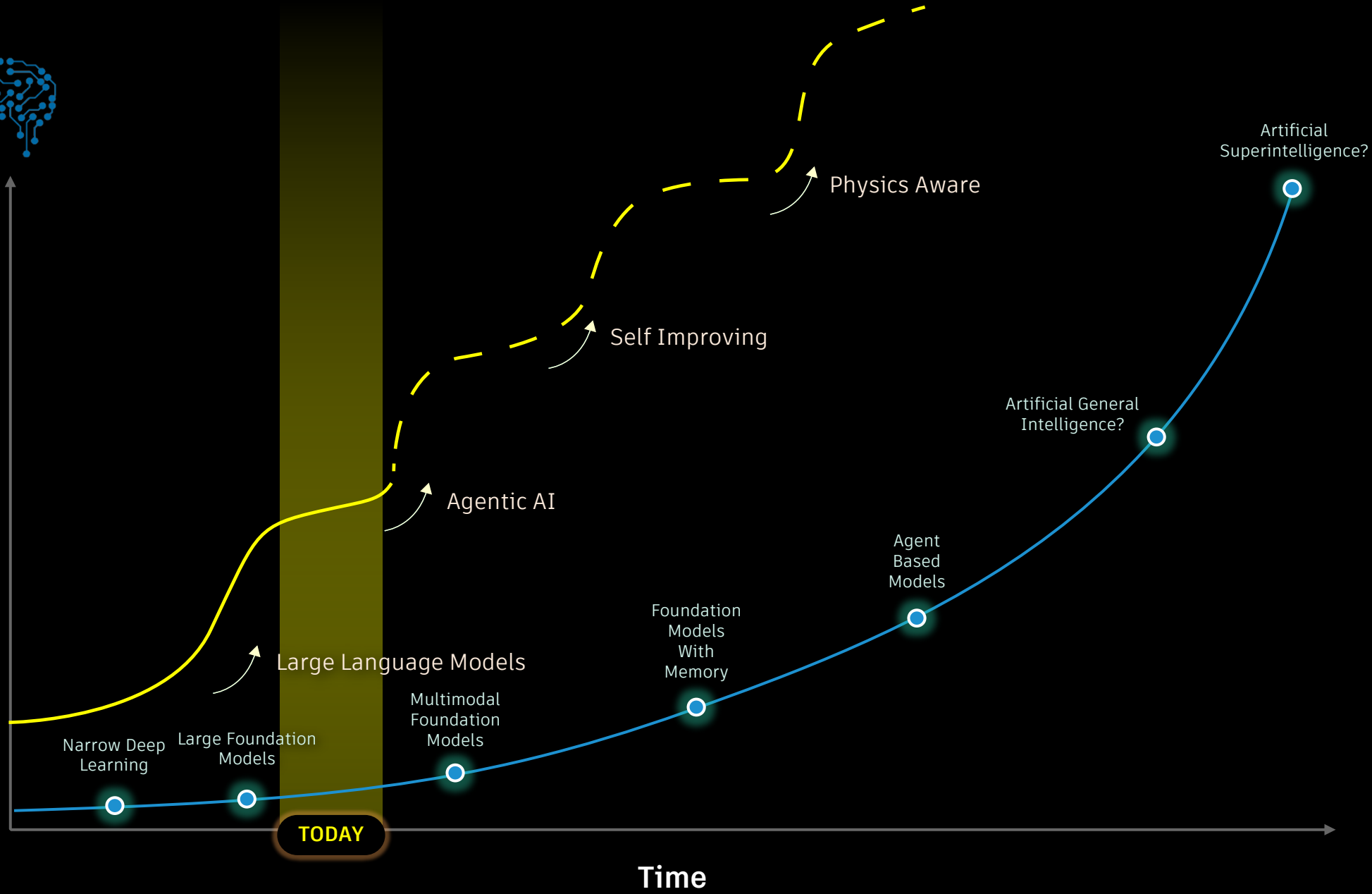
Autodesk **A**rtificial **I**ntelligence



Autodesk's History with AI



Impact



Time

Leaders | Regulating the internet giants

The world's most valuable resource is no longer oil, but data

The data economy demands a new approach to antitrust rules

Share



May 6th 2017 | 5 min read

A NEW commodity spawns a lucrative, fast-growing industry, prompting antitrust regulators to step in to restrain those who control its flow. A century ago, the resource in question was oil. Now similar concerns are being raised by the giants that deal in data, the oil of the digital era. These titans—Alphabet (Google's parent company), Amazon, Apple, Facebook and Microsoft—look unstoppable. They are the five most valuable listed firms in the world. Their profits are surging: they



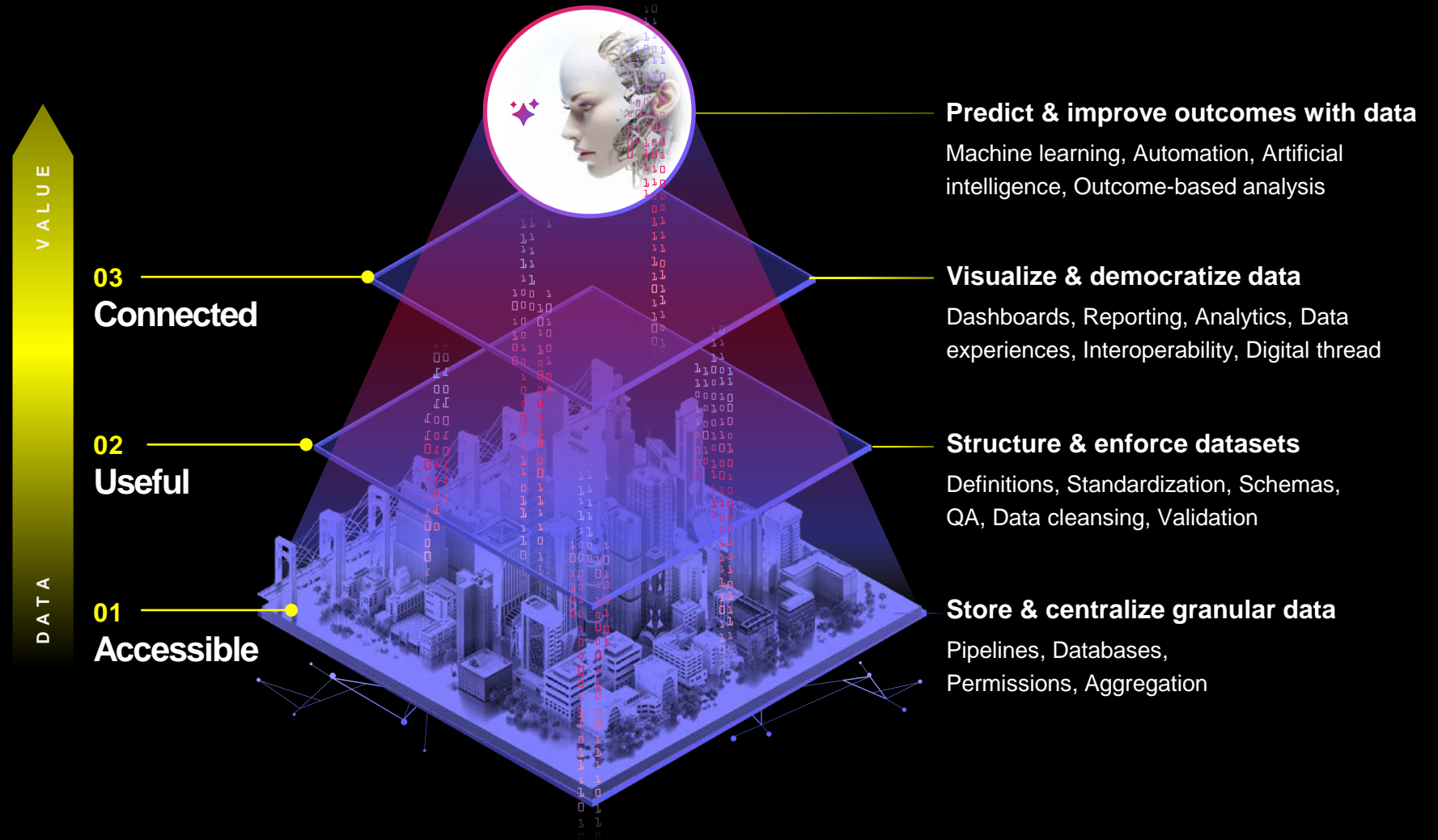
The future of data is...

ACCESSIBLE

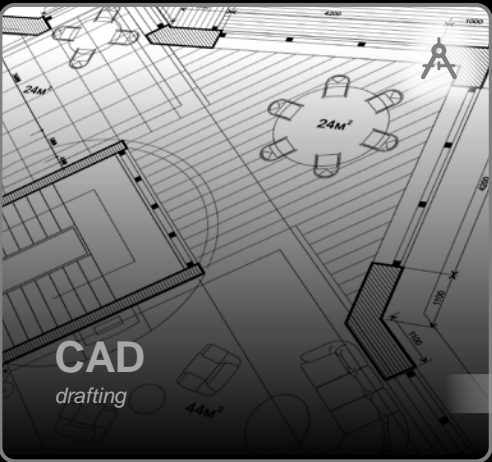
CONNECTED

USEFUL

Unlocking the power of AI starts with a foundation of better data



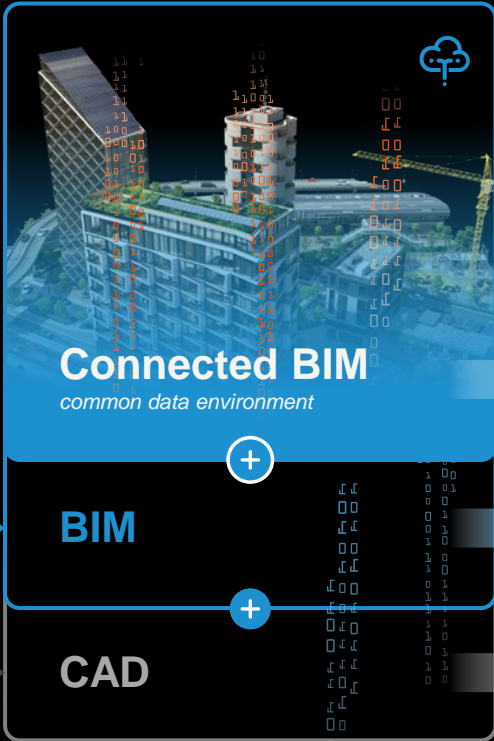
Outcome-based BIM, powered by AI



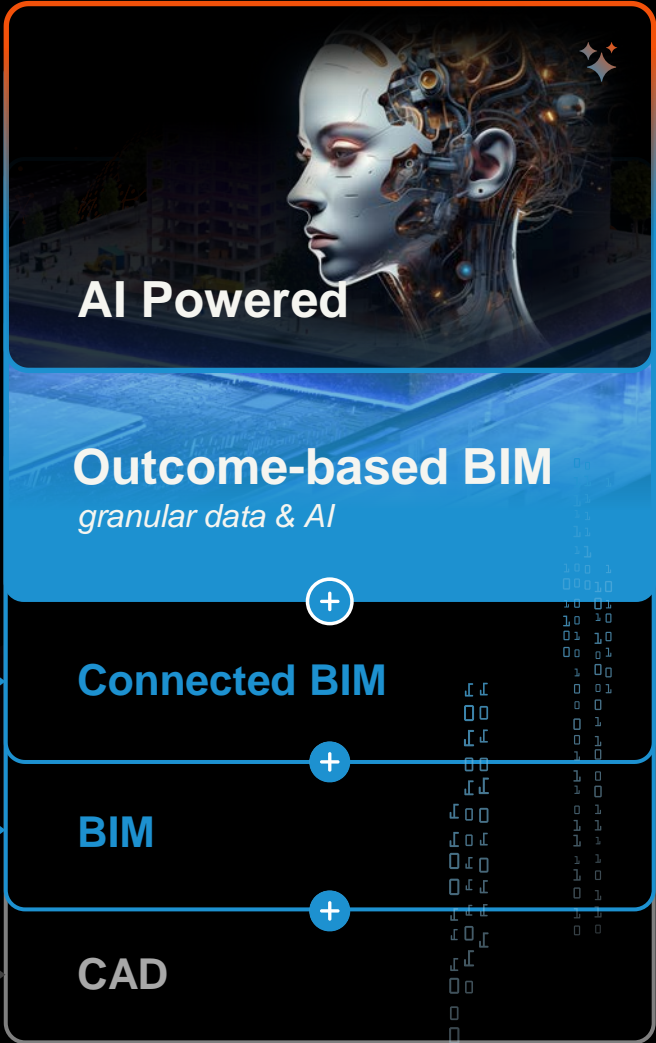
SINGLE PRODUCT



SPECIALIZED PRODUCTS



HYBRID CONNECTED PORTFOLIO

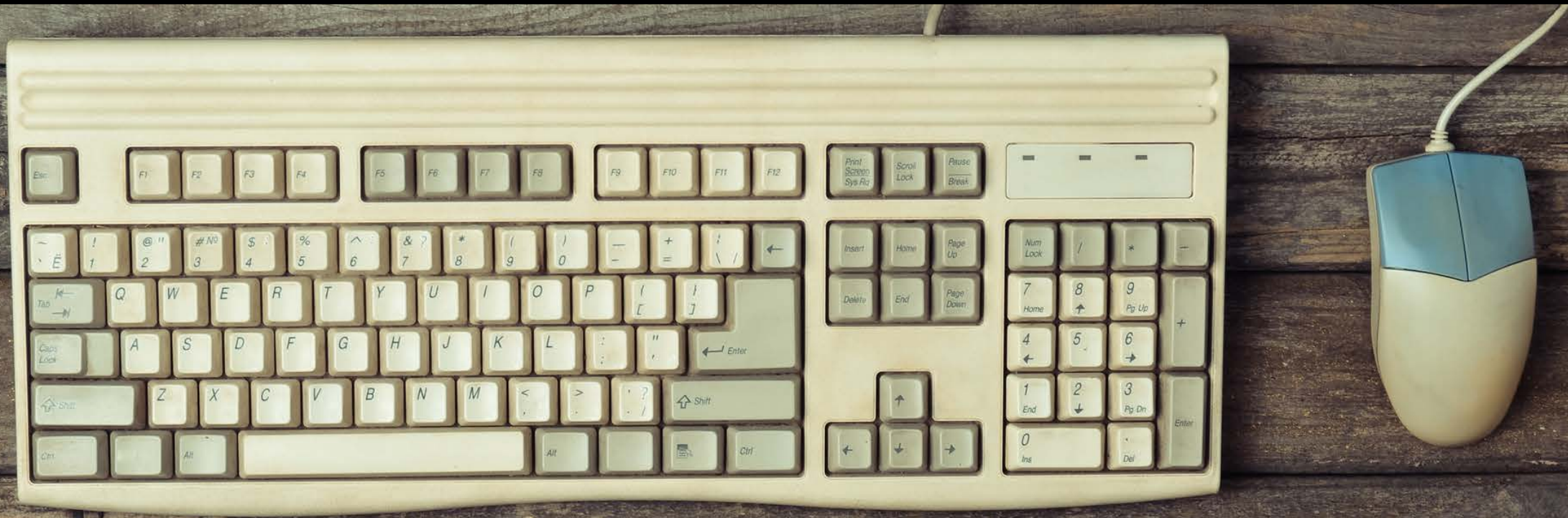


INDUSTRY CLOUD



TECHNOLOGY EVOLUTION

Traditional relationship with machines





AUTOMATE

Free up time from
repetitive tasks

ASSIST

Understand complex data

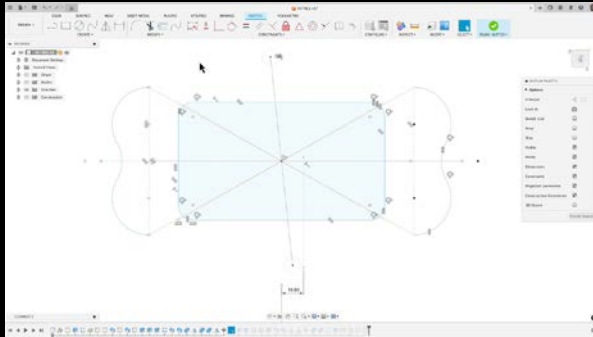
AUGMENT

Enhance workflows and
amplify creativity

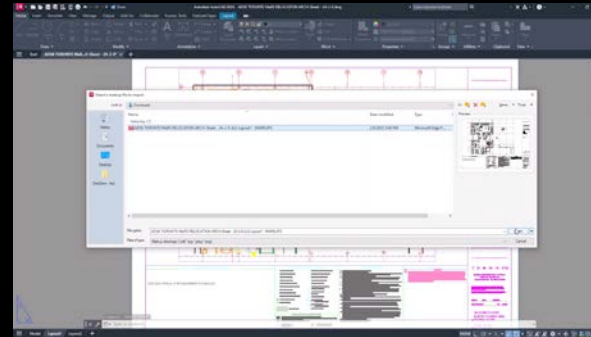
Autodesk AI – What is it?

A class of AI-powered features across many products, including...

Fusion AutoConstrain



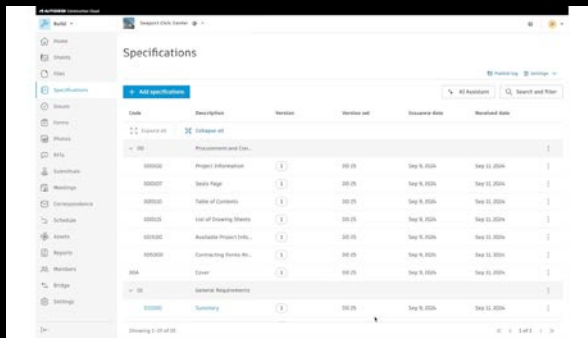
AutoCAD Markup Assist



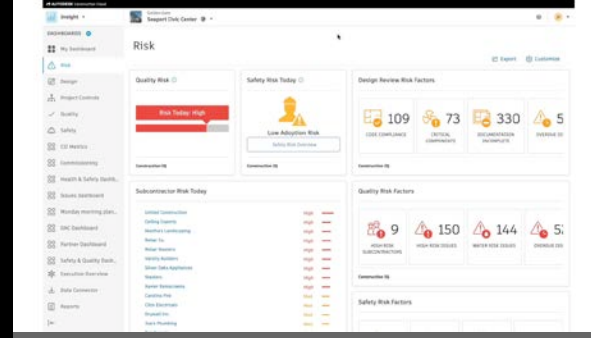
Maya Motion Maker



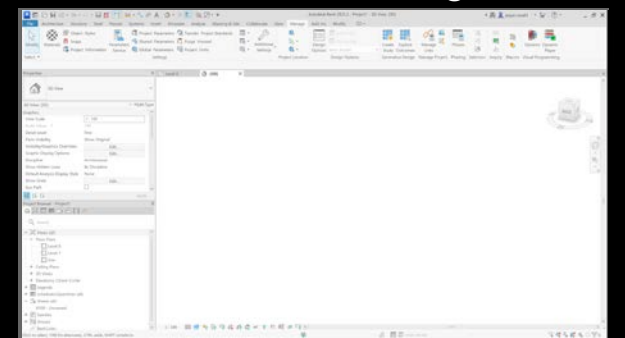
Autodesk Assistant



Autodesk Construction IQ



Revit Generative Design



Trusted AI at Autodesk

Responsible, ethical, and secure AI



Autodesk Trust Principles for AI



Responsible

We hold ourselves to high standards in acquiring and managing data as well as training and delivering fair and safe AI models.

Transparent

We are forthcoming about the design, development, and intended use of AI systems and data.

Accountable

We are committed to respecting the choices of our customers and aligning to laws and regulations.

Reliable

We are rigorous in building quality AI systems that strive to provide accuracy, validity, and consistency.

Safe & Secure

We employ robust practices throughout the AI lifecycle to protect customer data, intellectual property, and privacy, and to produce safe outcomes.



Discover and remediate security vulnerabilities in AI models



Assess AI model ideas for data use, privacy measures, model necessity and regulatory requirements



Test model accuracy, consistency, and bias using diverse data sets



Communicate AI model information and data protection to customers



Continuously assess customer feedback on AI output, ethics, and data sensitivity

AI Capabilities in AECO

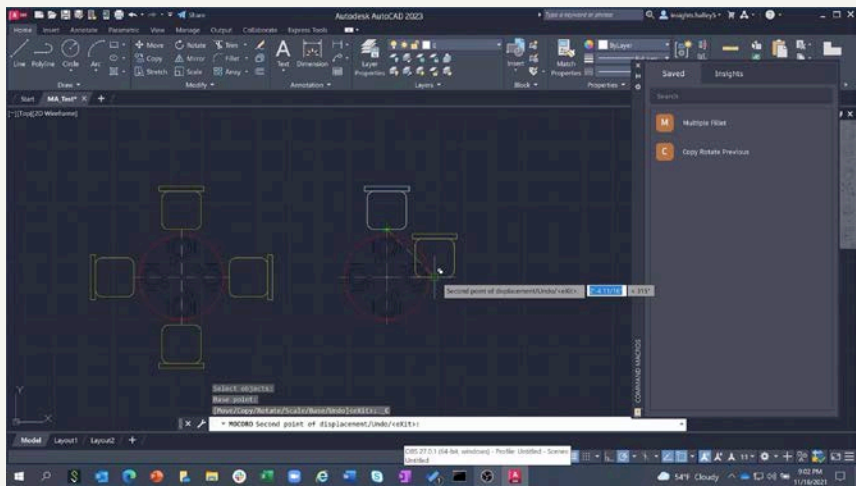
Current capabilities in our tools

 **AUTODESK**

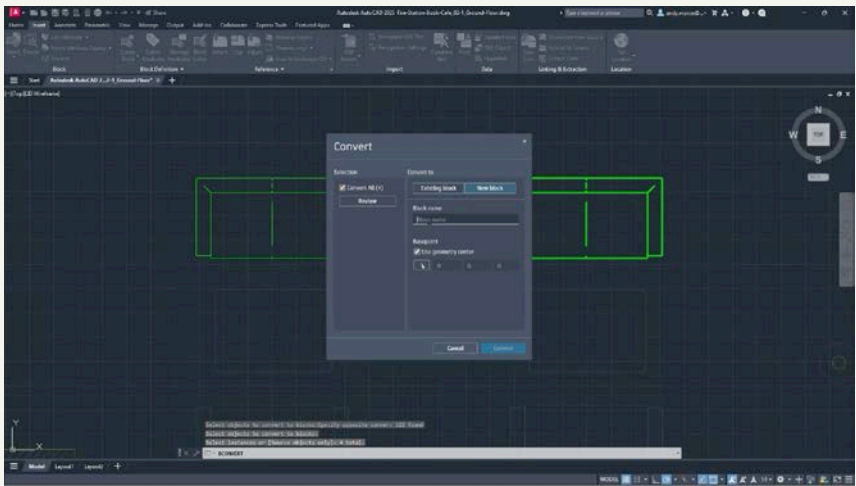


Autodesk AutoCAD

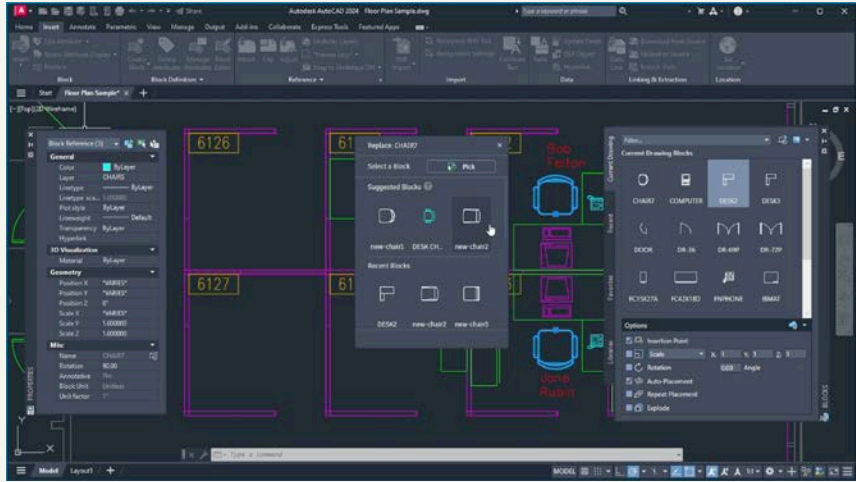
Macro Advisor in My Insights



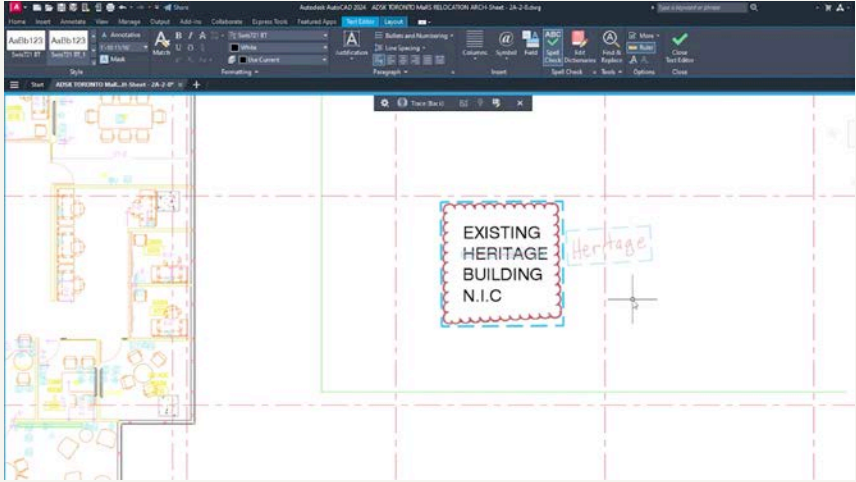
Search and Convert of Smart Blocks



Replacement of Smart Blocks

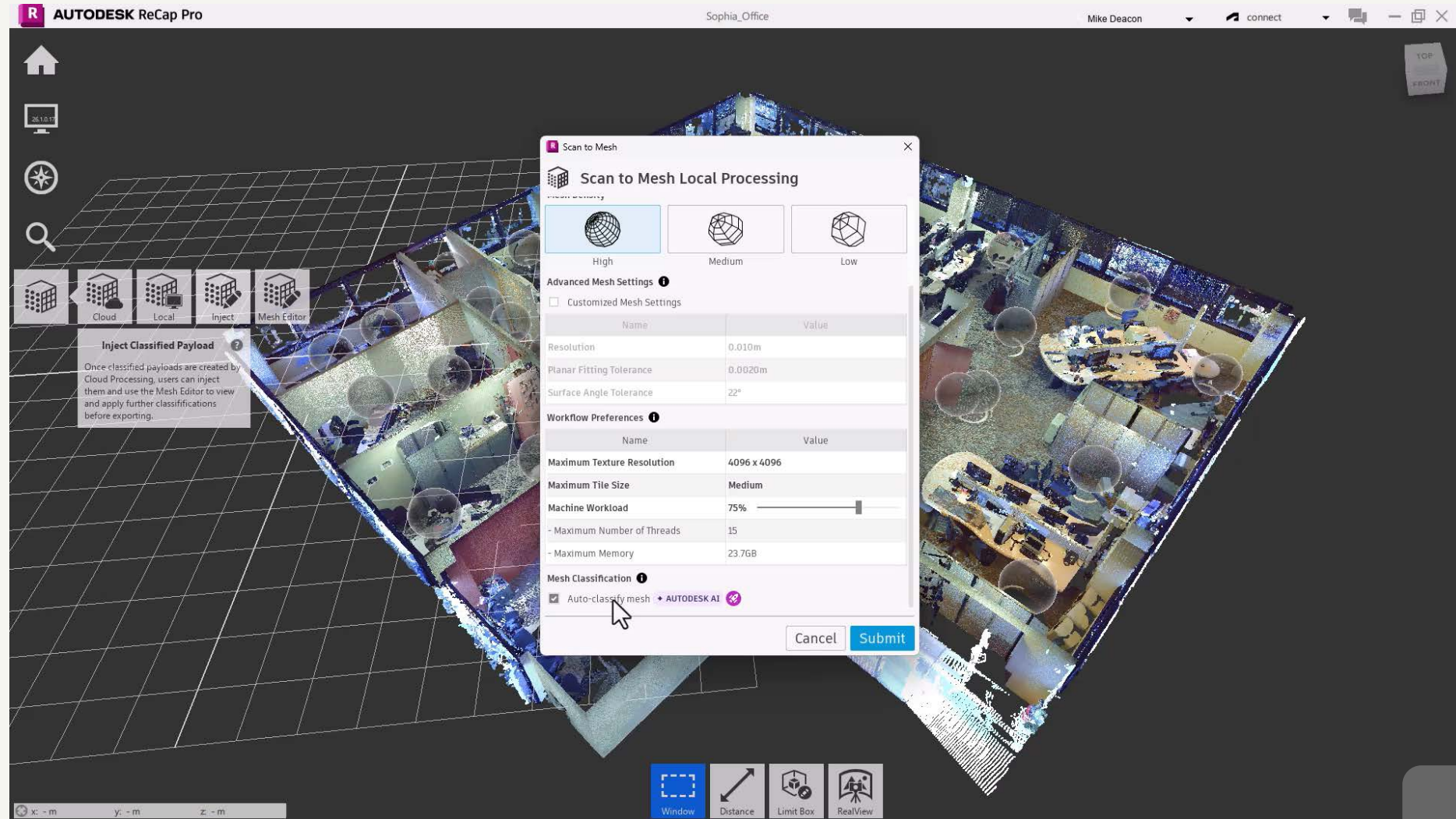


Markup Import & Markup Assist



Automatic Mesh Classification

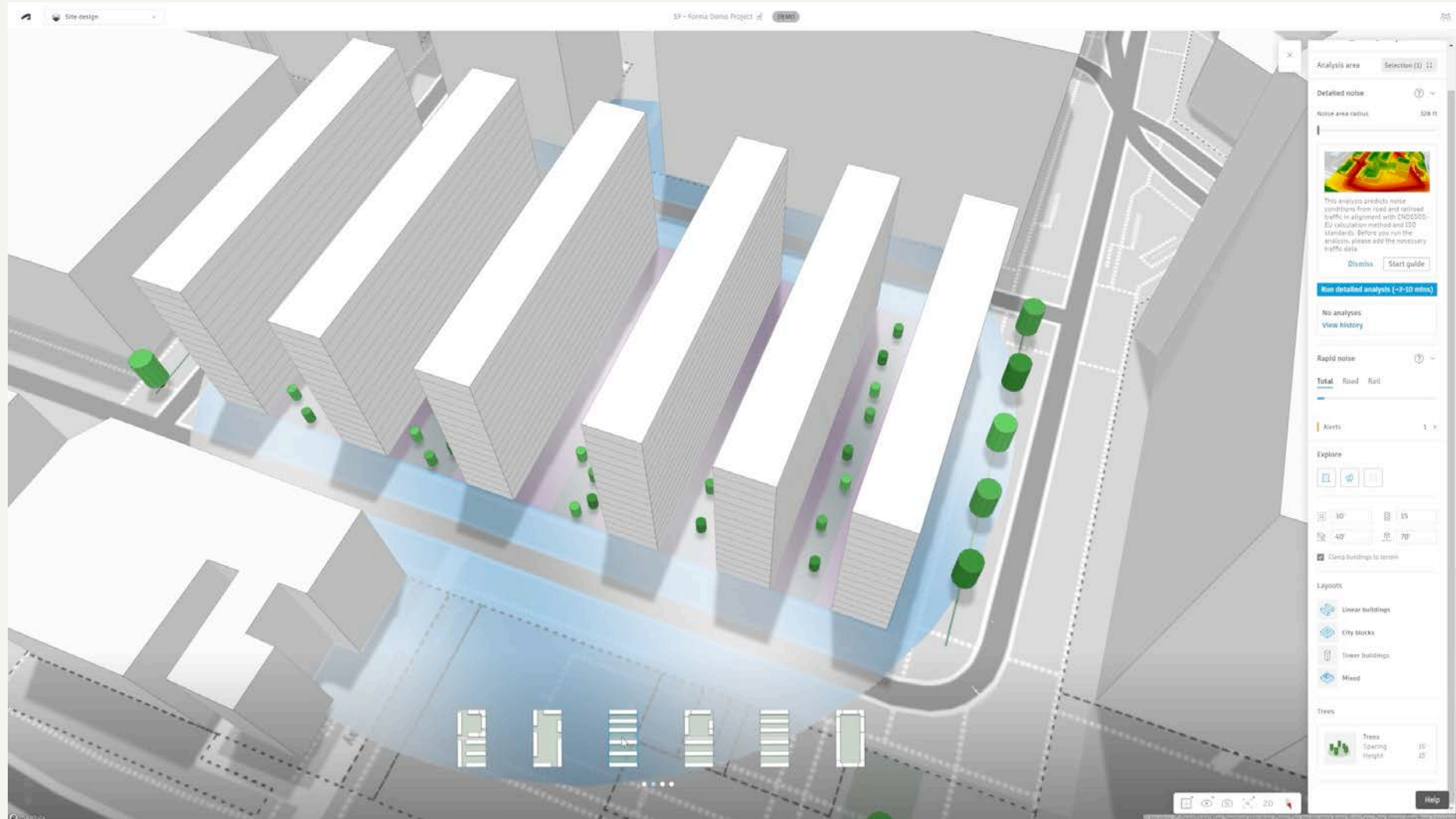
ReCap Pro | August Preview Release



BETA

Rapid Noise Analysis

Autodesk Forma



Autodesk Assistant

Your **essential agentic partner** for
Design and Make

 AUTODESK



Autodesk Assistant Mission

One Assistant, all the answers: Unify your workflows, assets and systems through Autodesk Assistant

Give me a list of additive technologies supported by Fusion

Show me all apps "Alice" has access to.

How many unnumbered doors does my model have?

Show me midcentury modern furniture from my library that I can use in this scene

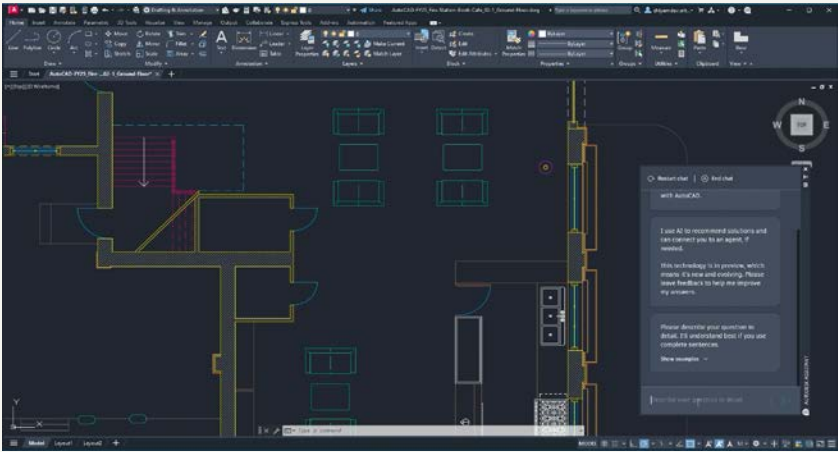
List all active Projects in the Toronto Office

Add constraints to my sketch

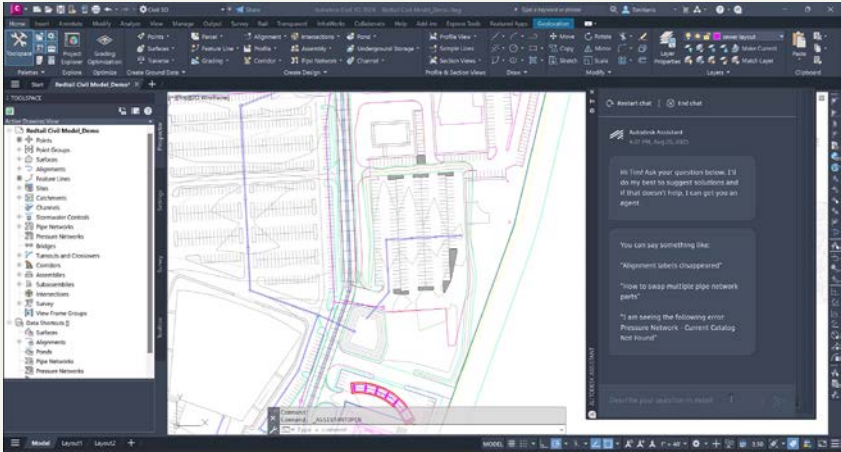


In-Product Assistance

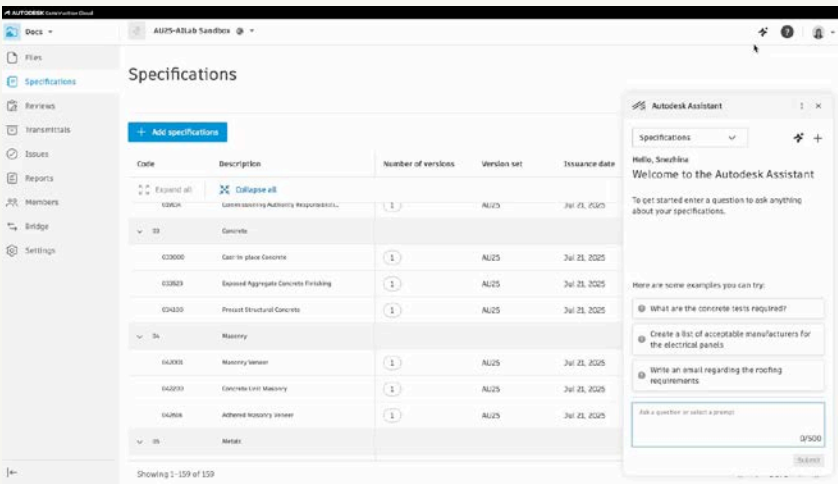
Autodesk Assistant in AutoCAD



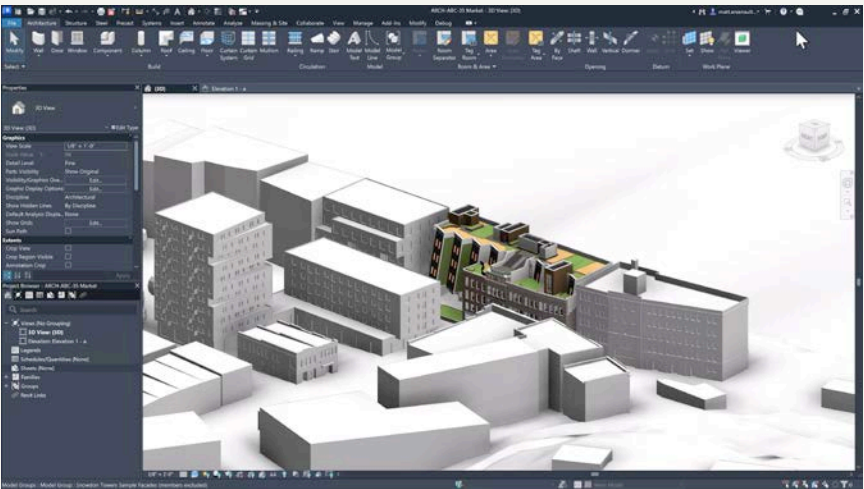
Autodesk Assistant in Civil 3D



Autodesk Assistant in Autodesk Build

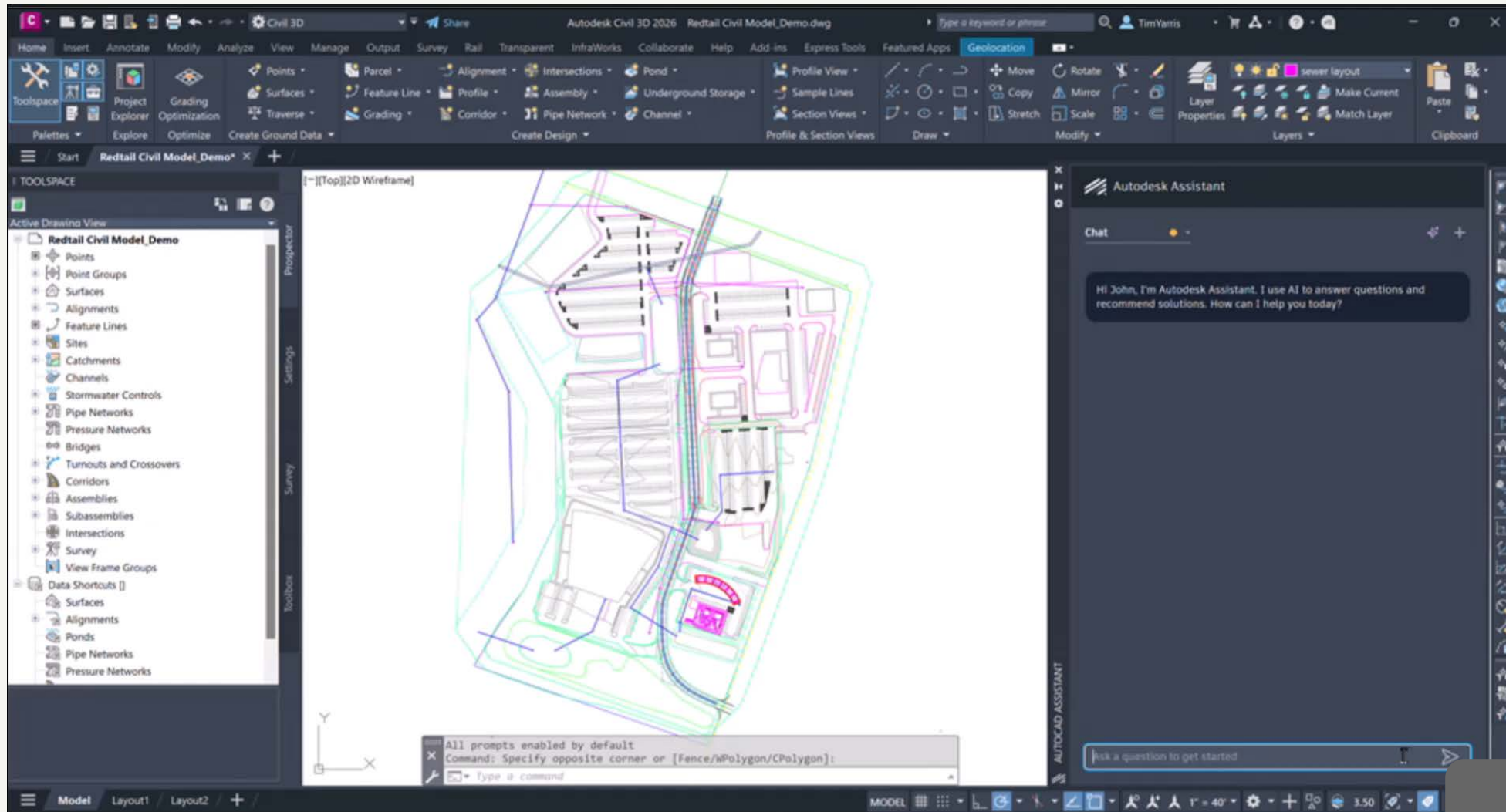


Autodesk Assistant in Revit



Analyze for Compliance

Autodesk Assistant in Civil 3D | Preview Release



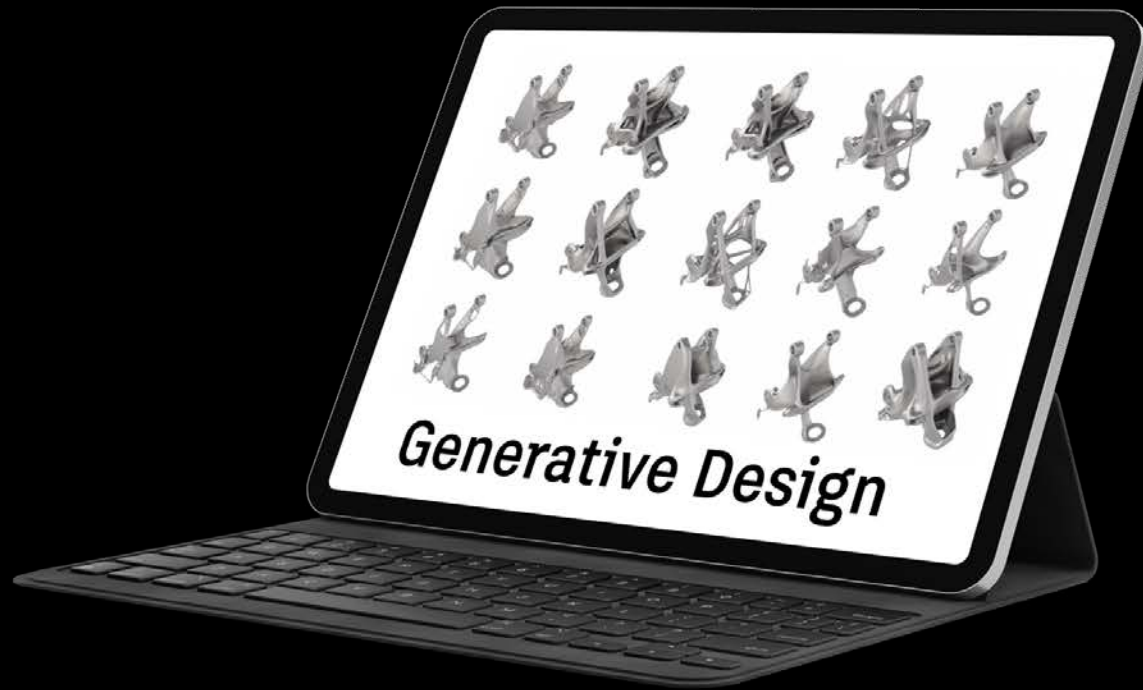
BETA



Generative AI

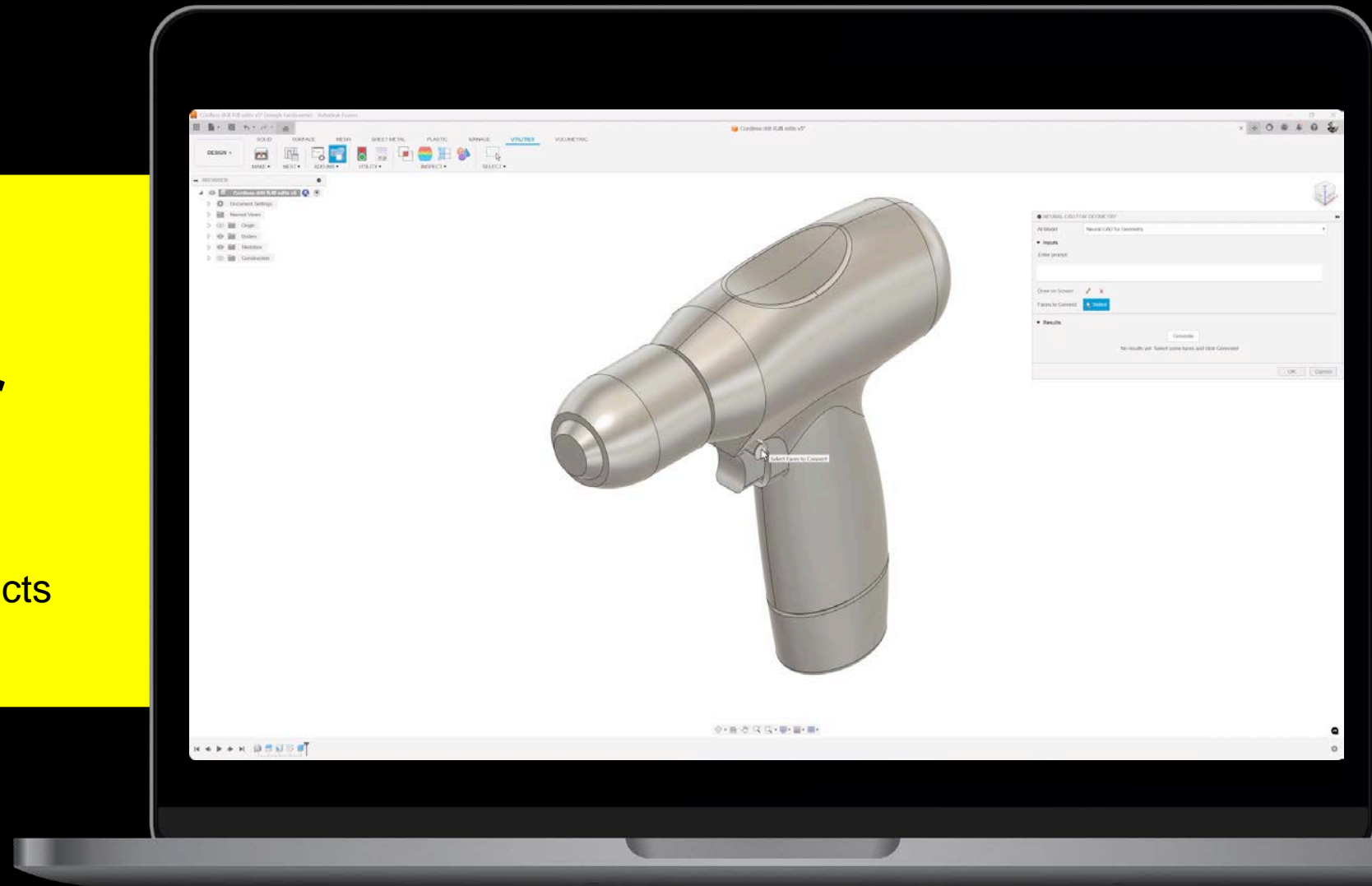
A deeper dive

Generative Technologies



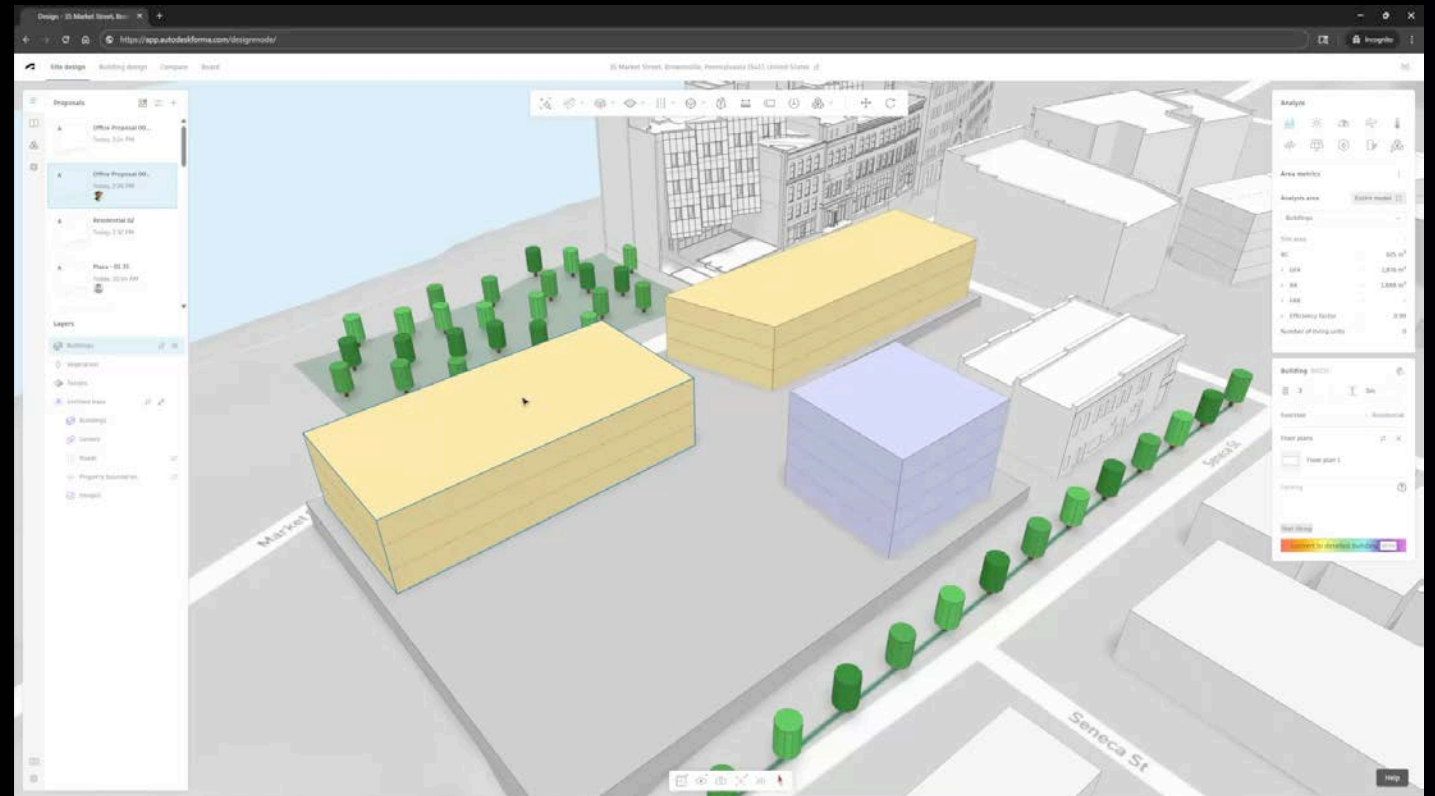
Fusion neural CAD for geometry

Generative AI for 3D CAD objects



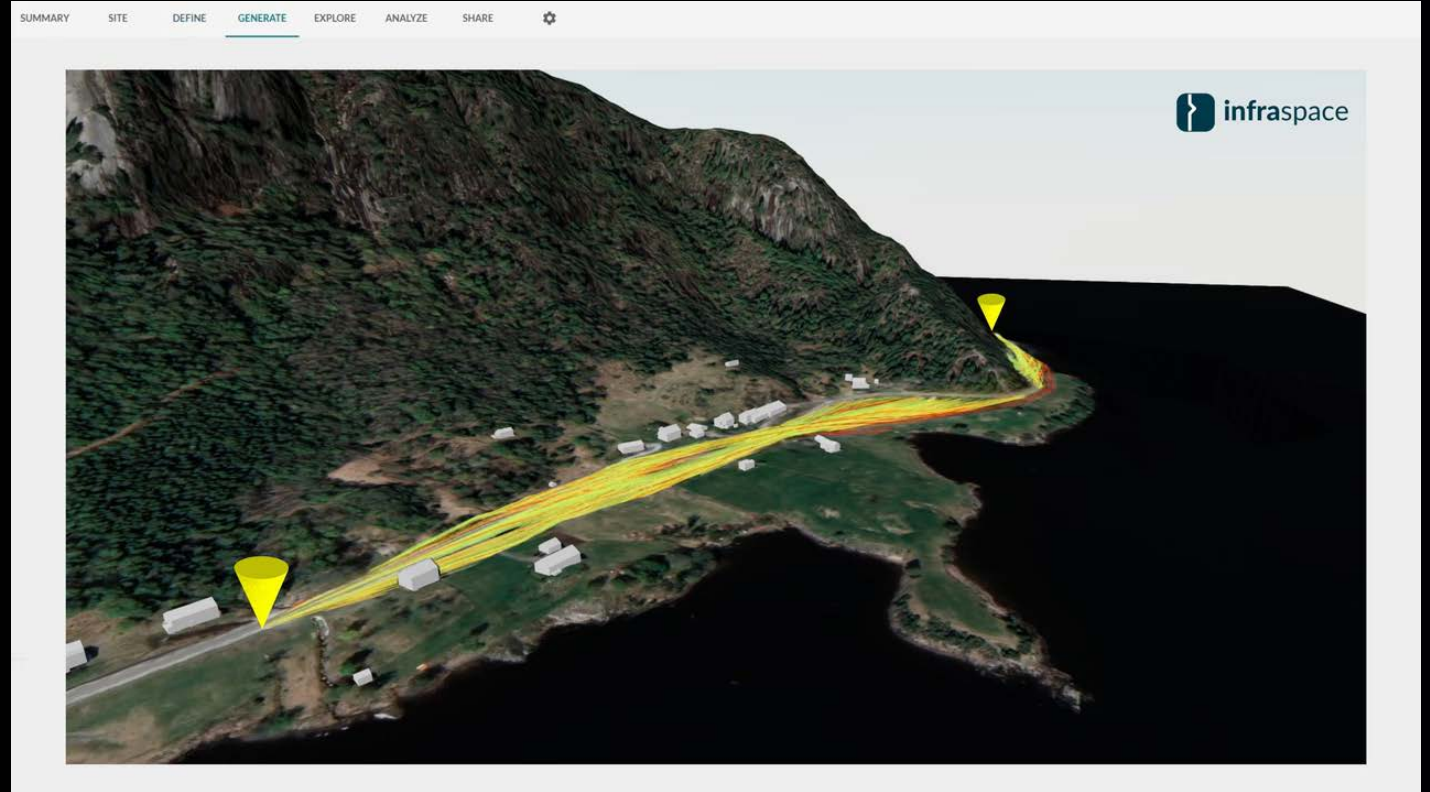
Forma neural CAD for buildings

Generative AI for architectural systems



Neural CAD for Infrastructure

Generative AI for civil design

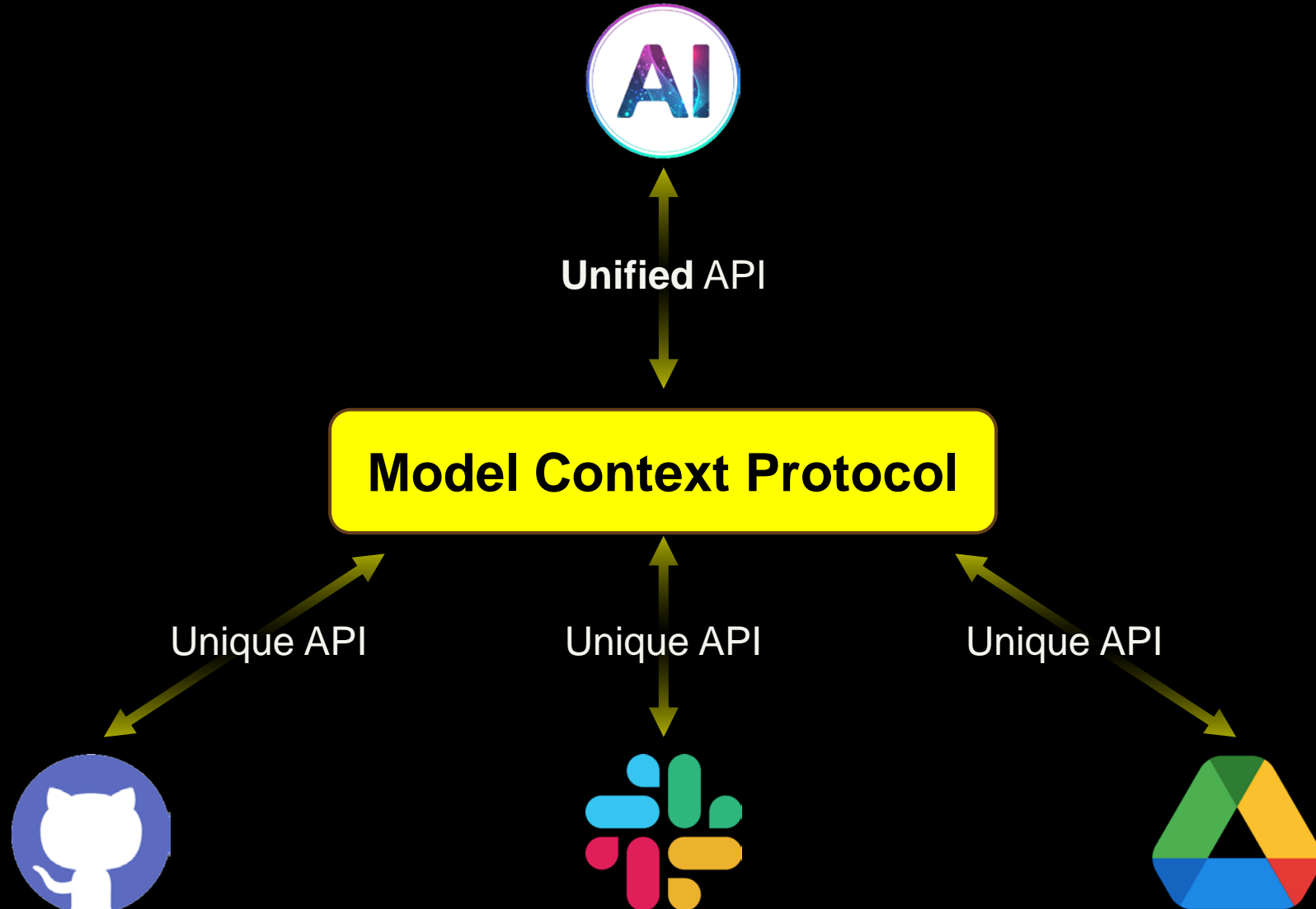


Model Context Protocol

Powerful connections to AI with MCP Servers

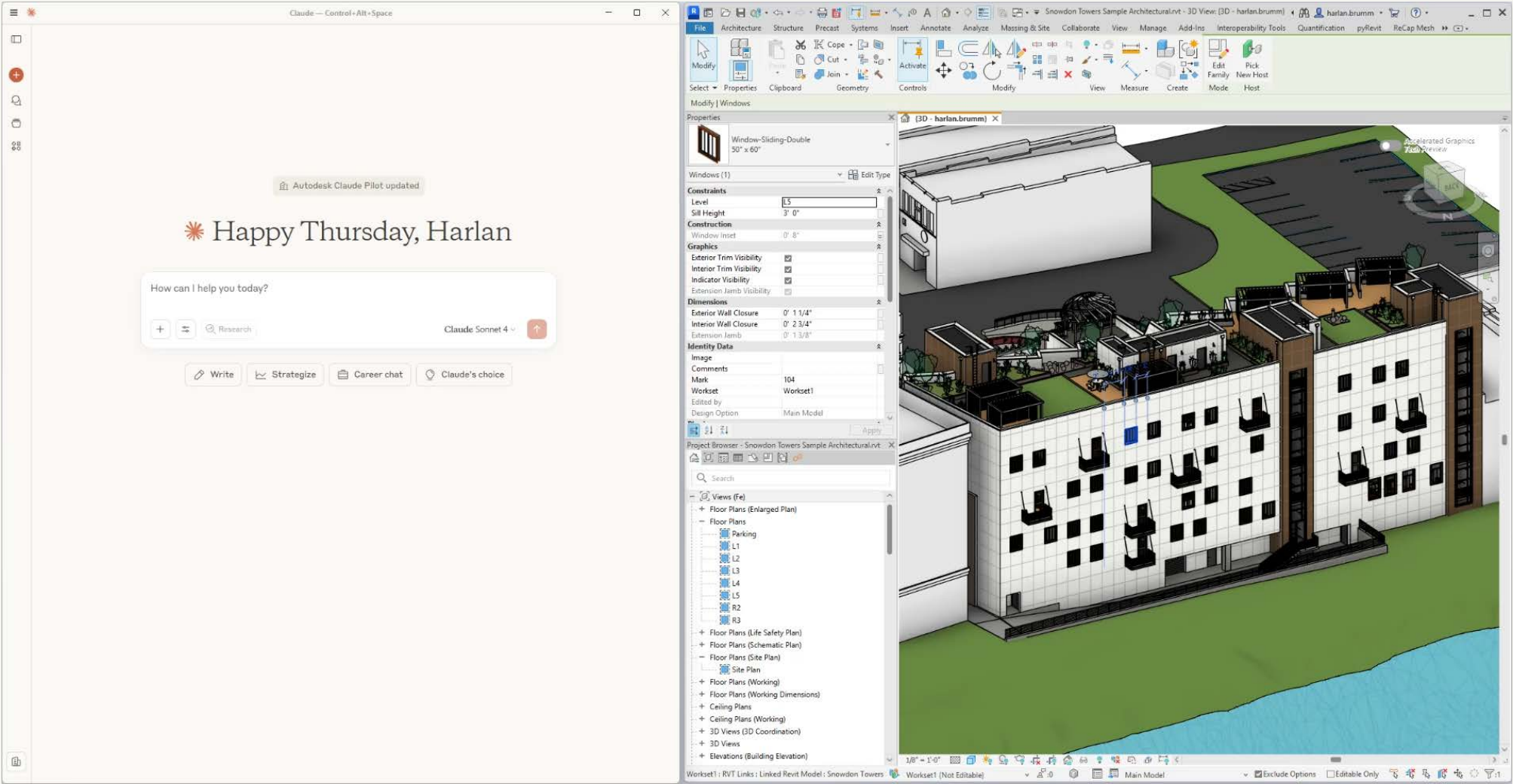


What does **Model Context Protocol** mean ?

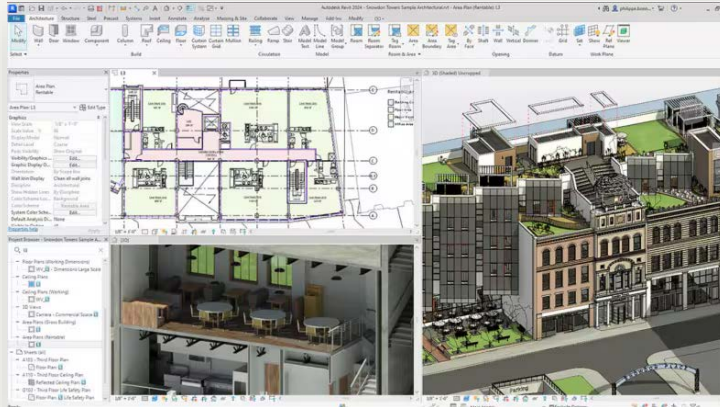


MCP Servers and Revit

Create a dashboard for analyzing the Window to Wall Ratio for a Façade.

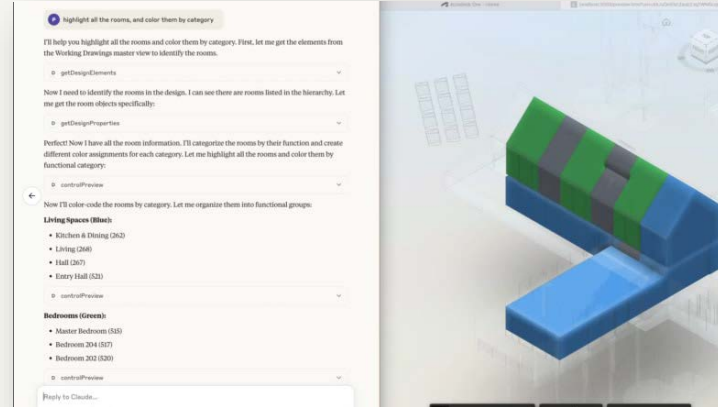


Autodesk MCP Server Betas - Coming Soon!



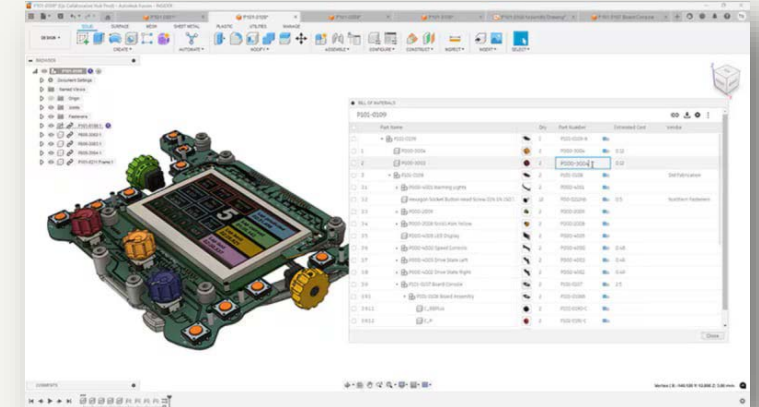
Autodesk Revit MCP Server

Unlock new possibilities in Revit, seamlessly connect, automate, and innovate with the next generation of intelligent tools.



Autodesk Model Data Explorer MCP Server

Access, visualize, and explore (volumes, areas, counts, etc.) the model data for all 70+ file formats supported by APS.



Autodesk Fusion Data MCP Server

Invite Fusion collaborators, manage projects, search for data, and add component properties.



Autodesk and the Autodesk logo are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings, specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document. © 2026 Autodesk. All rights reserved.