Safe harbor



Each of the presentations today will contain forward-looking statements about our strategies, products, future results, performance or achievements, financial, operational and otherwise, including statements about our strategic priorities, business model transition, and guidance for the first quarter and fiscal year 2024; total addressable market (TAM), our long term financial and operational goals; our M&A strategy; our capital allocation initiatives; and our stock repurchase program. These statements reflect management's current expectations, estimates and assumptions based on the information currently available to us. These forward-looking statements are not guarantees of future performance and involve significant risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from results, performance or achievements expressed or implied by the forward-looking statements contained in these presentations, such as a failure to maintain subscriptions, billings, revenue, deferred revenue, margins and cash flow growth; difficulty in predicting those financial and performance metrics; failure to maintain disciplined and focused investment; failure to successfully integrate acquisitions and manage transitions to new business models and markets, including our efforts to expand in construction and manufacturing, and attract customers to our cloud-based offerings; failure to successfully expand adoption of our products; and negative developments in worldwide economic, business or political conditions.

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. The forward-looking statements made in these presentations are being made as of the time and date of their live presentation. If these presentations are reviewed after the time and date of their live presentation, even if subsequently made available by us, on our website or otherwise, these presentations may not contain current or accurate information. We disclaim any obligation to update or revise any forward-looking statement based on new information, future events or otherwise.

Non-GAAP Financial Measures

These presentations include certain non-GAAP financial measures. Please see the section entitled "Reconciliation of GAAP Financial Measures to non-GAAP Financial Measures" in the Appendices attached to the presentations for an explanation of management's use of these measures and a reconciliation of the most directly comparable GAAP financial measures.

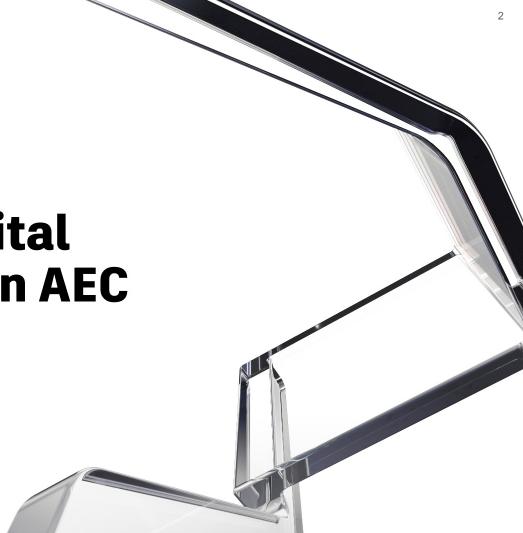


AUTODESK **INVESTOR DAY** March 22, 2023

Accelerating Digital Transformation in AEC

Amy Bunszel

Executive Vice President Architecture, Engineering & Construction Design Solutions



What we'll cover today



1 Industry context

2 Reinforcing the core

- Expanding building information modeling
- Forma and the future of building information modeling

Architecture, engineering & construction



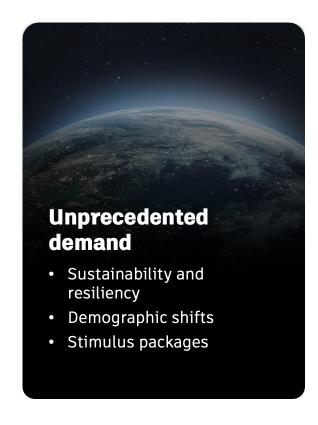


Architecture, engineering & construction





AEC external trends





Digital transformation

- Data and tool explosion
- Digital twins requested by owners
- Automation driven by AI / ML

Digital transformation accelerates





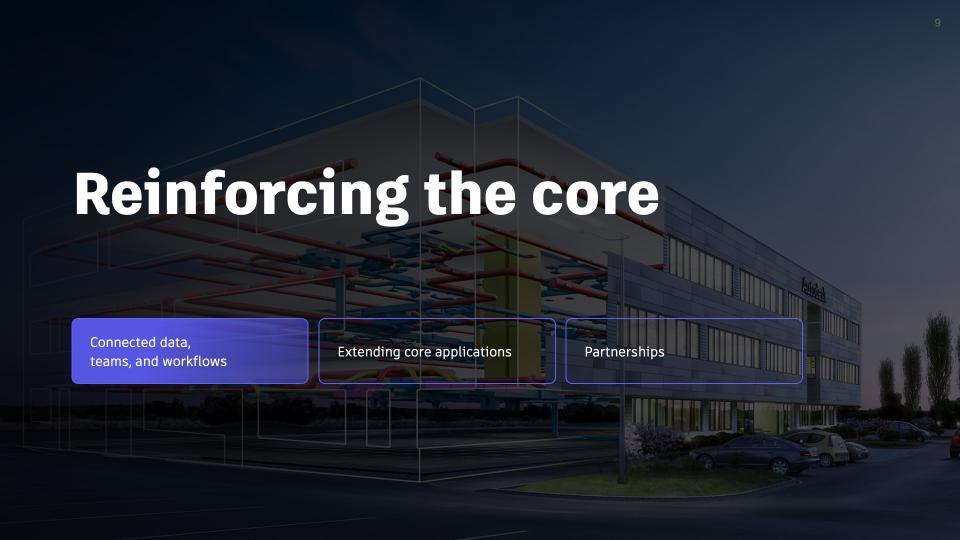




Connected data, teams, and workflows

Extending core applications

Partnerships



Autodesk BIM Collaborate Pro opportunity

Demand for digital project delivery remains strong

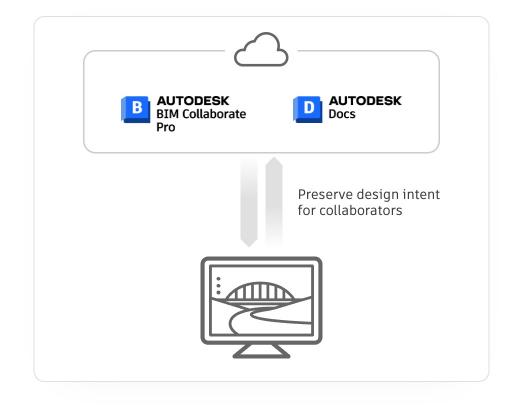




Collaboration for Civil 3D

Civil 3D and Desktop Connector updates increase workload capacity and enhance cloud collaboration

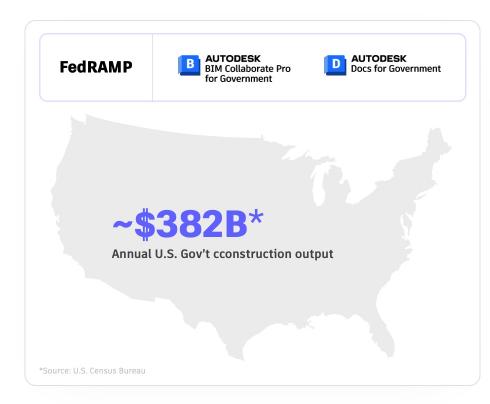
- Cloud-based document management
- Project data insights throughout the project lifecycle
- These enhancements expand our target user base by ~51%



FedRAMP offerings & strategy

Grow Autodesk's design and construction cloud solutions for U.S. federal projects

- Launch Autodesk for Government with Authority to Operate (ATO) from the General Services Administration (GSA)
- Increase in infrastructure spend leads to more opportunities (e.g., Infrastructure Investment and Jobs Act)



Reinforcing the core

Connected data, teams, and workflows

Extending core applications

Partnerships

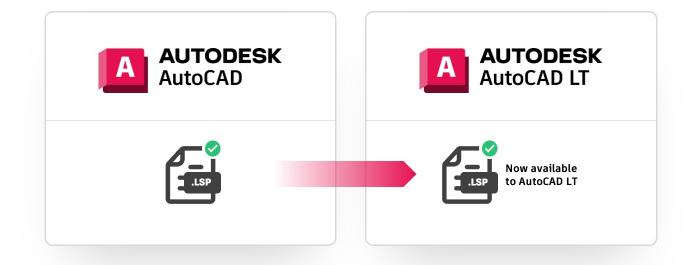
NEW! AutoCAD Web offering



AutoCAD LT includes AutoLISP automation

AutoLISP automation

AutoLISP interacts with AutoCAD to automate and customize repetitive tasks



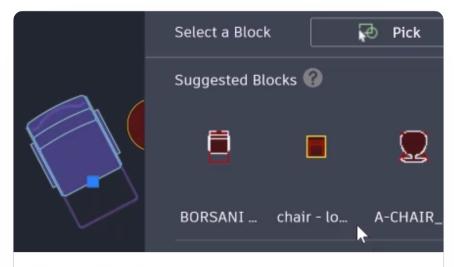
Machine learning in AutoCAD

Meeting pervasive customer needs with insights and automations



Markup Import & Assist

Customers can now import handwritten markup from any device, and AutoCAD will import just the markup and assist them by automating the instructions within that text



Smart Blocks

Customers get recommendations on the blocks that are most relevant and AutoCAD will automatically scale, rotate and place it in their drawing

Autodesk and Rhino data exchanges

Transforming how customers work on projects together





Reinforcing the core

Connected data, teams, and workflows

Extending core applications

Partnerships

Bringing BIM to electrical engineers

Schneider Electric

Reach ~1M* net-new electrical professionals world-wide

Enhance existing Revit workflows to enable advanced electrical design

Deliver unparalleled smart energy analysis tools



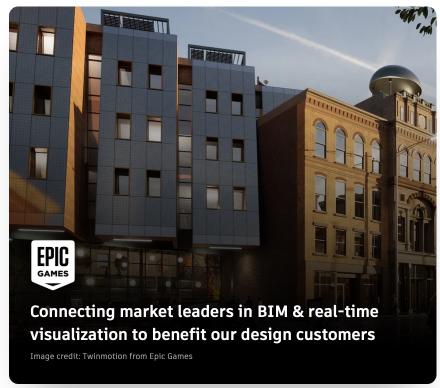
Bringing immersive visualization to Revit customers

Epic Games

Showcase designs to clients with immersive realism

Automate real-time renderings, scenes & scenarios that previously took days to complete

Capture the look and feel of environmental conditions with immersive video-game quality



Digitalizing building operations to owner-operators

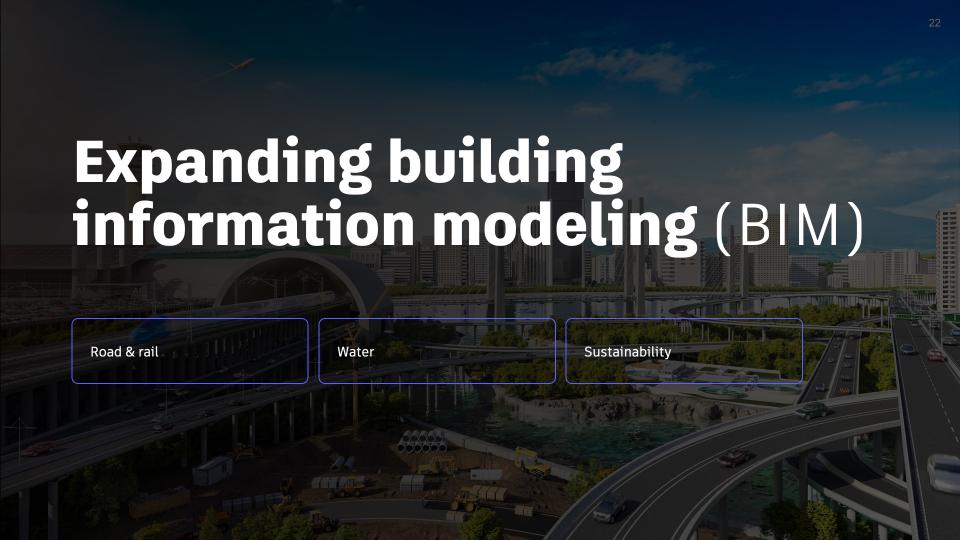
Eptura

Optimize costs through BIM-based maintenance and space planning

Improve comfort and safety with the fast resolution of occupant issues

Reduce carbon through visibility into carbon usage and energy benchmarking





The BIM process



CANADA

UK

Overall BIM penetration

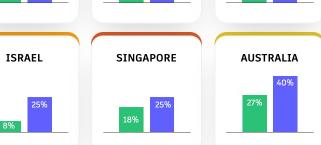


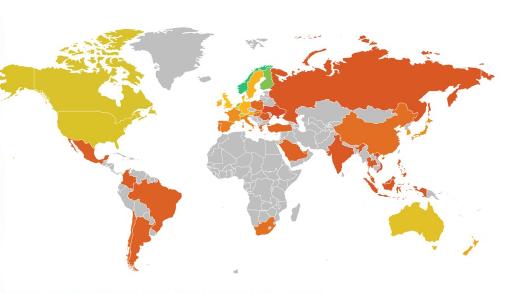
USA











COUNTRIES INSTITUTED WITH NEW BIM POLICIES IN FY23

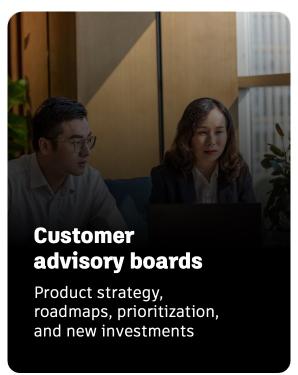


Source: Cambashi, AEC Design TAM - The figures presented are estimates and are likely understated given the impact of piracy rates, availability of free software, in-house development, new uses and other variables

AEC industry customer engagement framework

How we are addressing customer sentiment









Road and rail global design opportunity







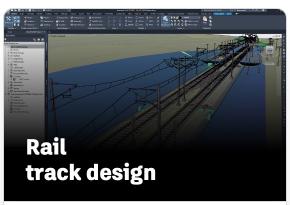
Jource: GlobalData Constuction Market Data, Cambashi 2022 Industry TAM

Road and rail drivers



Corridor modeling workflows

Increased efficiency of roadway design workflows all without custom content or supplemental geometry



Specialized tools for railway scenarios

New APIs enable development of custom railway workflows. Newer cloud-based point cloud workflows are critical to railway maintenance and design workflows



Workflow expansion

Expanded design workflow supports parametric bridge and tunnel components created as Revit families

Road and rail sales win



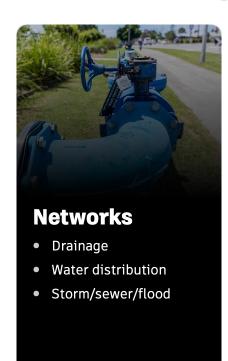


BLA-BIM ALLIANCE

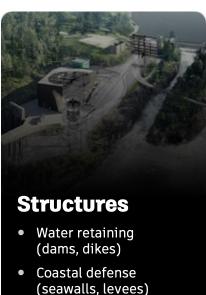
Iowa DoT led pooled research initiative to evolve from CAD to BIM (20 U.S. DoTs)



Water design and operations opportunity





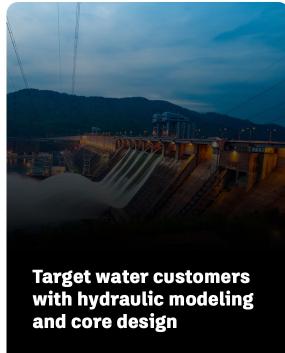


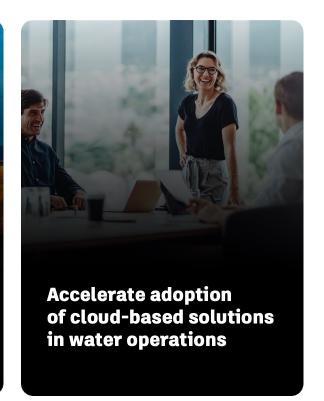
- Canals (irrigation, power, navigation)



Water drivers





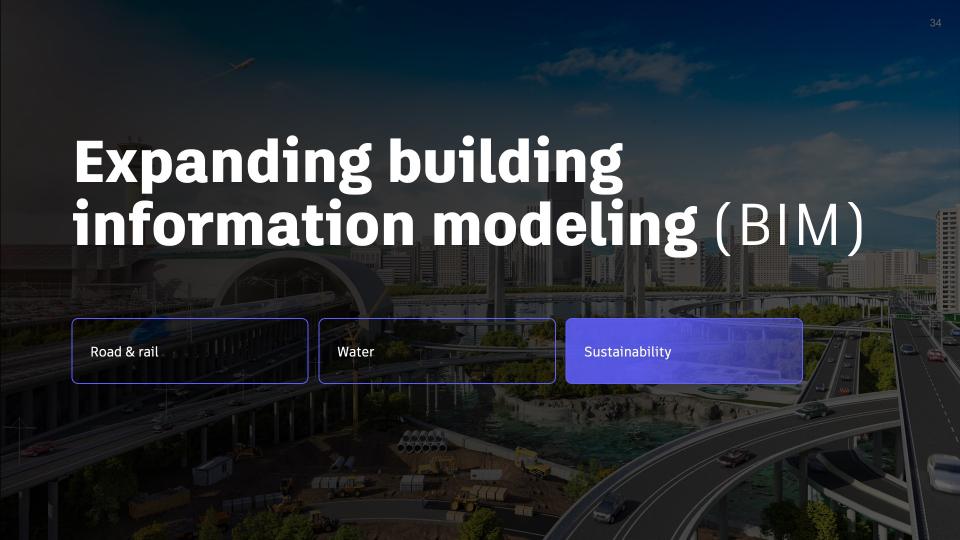


Water sales win



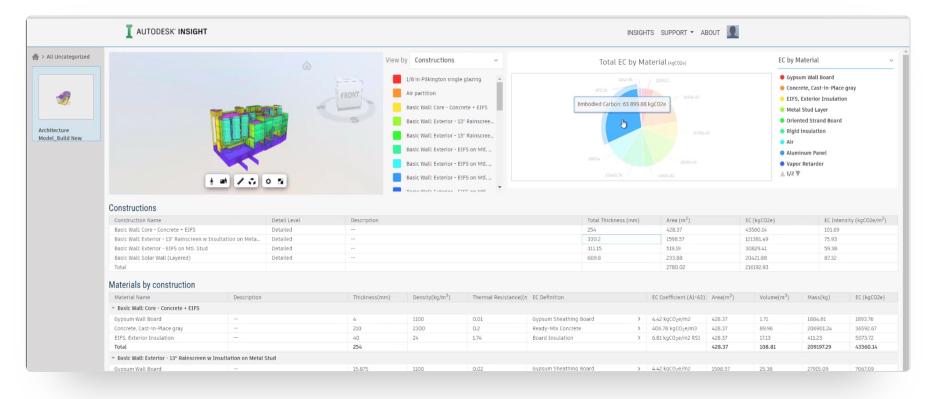


Driving the future of water



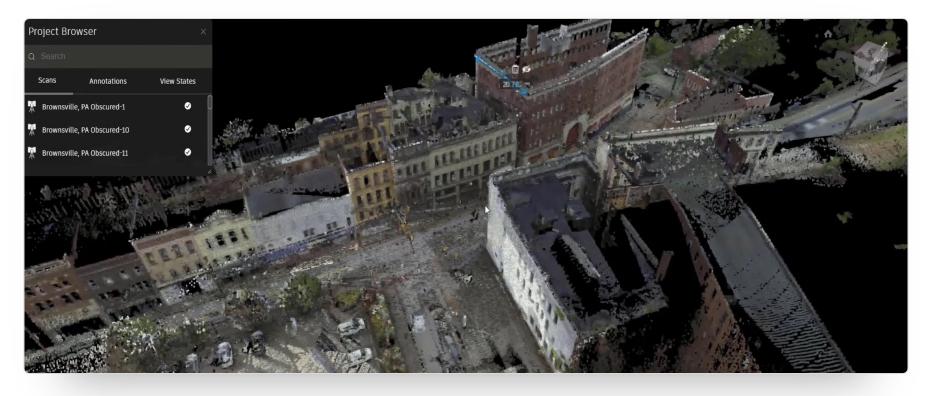
Embodied carbon opportunity

Coming soon! Embodied carbon tech preview



Renovation opportunity

Revit, Reality Capture, and the cloud



Sustainability sales win

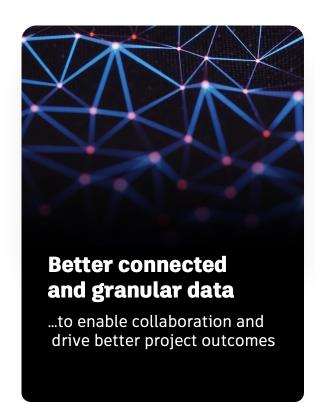


RAMBOLL

Advancing sustainability across their entire ecosystem



BIM as we know it must evolve to meet industry needs







✓ AUTODESK Forma



Forma will reimagine BIM

What is Forma?

- Industry cloud for architecture, engineering, construction, and operations
- Transforms BIM workflows from linear to concurrent across the teams that plan, design, build, and operate the built environment
- Granular data that flows seamlessly throughout project phases, stakeholders, and asset types (building, water, transportation)



Forma delivers better business outcomes

What will you get with Forma?



Optimize decisions

Through AI/ML assisted analysis and outcome-based design environment

Improve collaboration

through seamless flow of granular data across project phases, stakeholders and asset types

Increase productivity

with AI tools providing real time insights much earlier in the process

Real-time insights

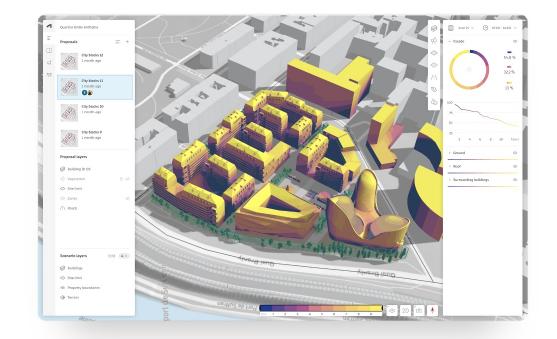
improve cost and predictability of the project, and its sustainability and performance.

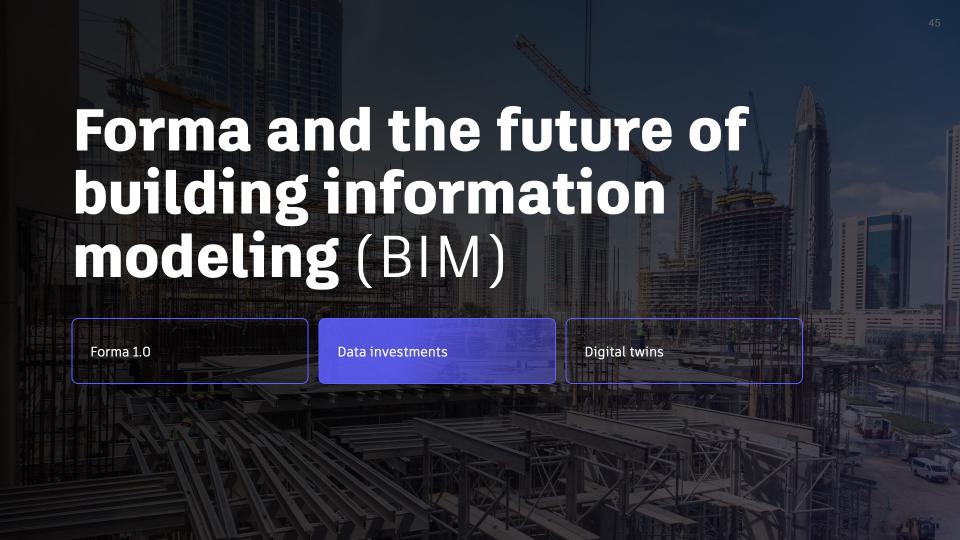


Forma 1.0 will initially transform early stage building design

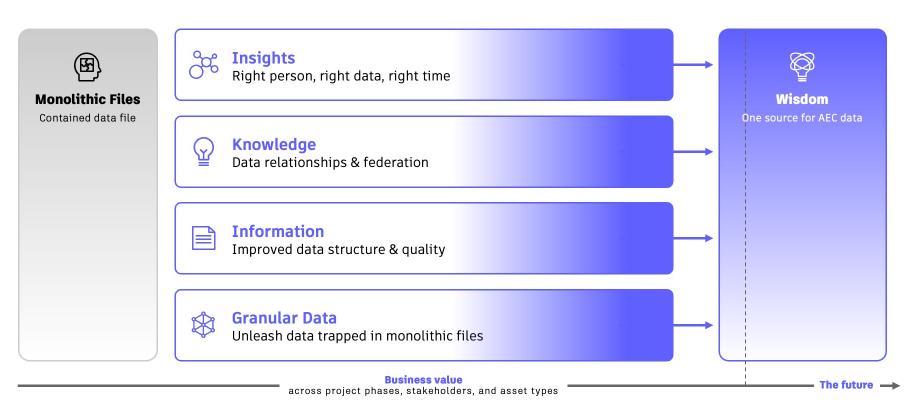
First Forma offering will unlock value at the beginning of the project lifecycle with outcome-based design

- Contextual modelling & automated data
- Conceptual building design & design automations
- Real-time environmental analysis
- Cloud native with two-way Revit sync





Path to AEC data model





Tandem extends digital thread to facility monitoring

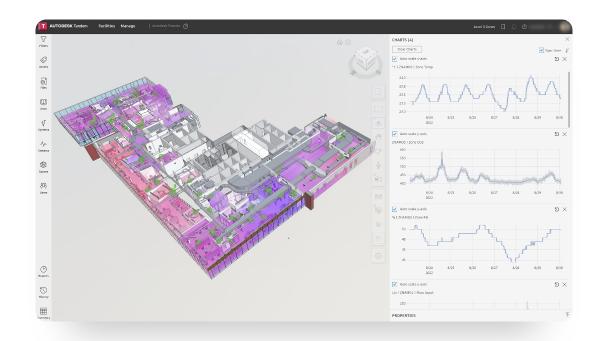


Twin building

Harness BIM to define and build your digital twin with connections to operational systems and data

Facility monitoring

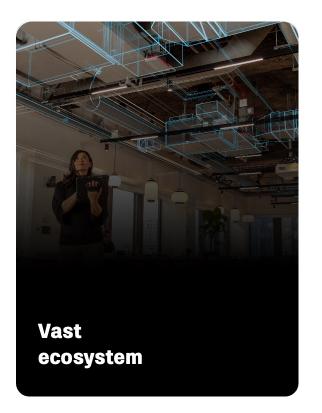
Inform decisions with the insight provided by your digital twin to improve efficiency and reduce cost



Why we win in AEC







AUTODESK