

Please read this

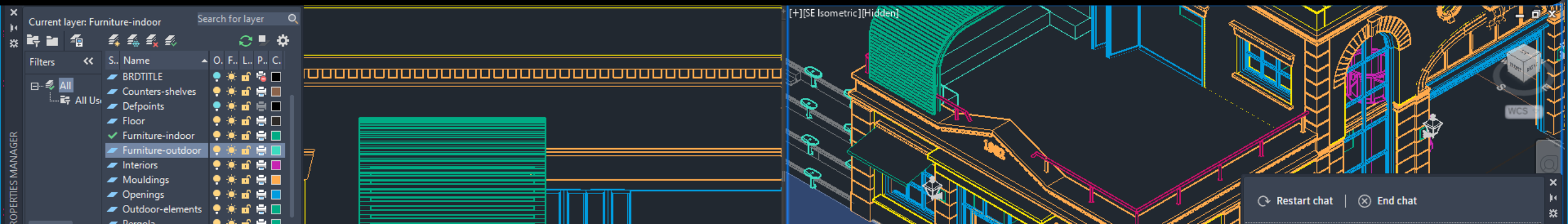


ADJUST THE PRESENTATION FOR THE AUDIENCE

If you are presenting to a customer under our enterprise business agreement or using the collections, **please delete slides 8 and 9** since the Forma Data Management Essentials entitlement does not apply.

What's new in AutoCAD 2027

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Meet AutoCAD 2027

01

Redefine how you create

02

A truly collaborative design experience

03

Optimize your productivity





New Autodesk Assistant

The Autodesk Assistant

delivers intelligent, in-context guidance powered by Autodesk AI. With the introduction of Model Context Protocol (MCP), it now interprets drawing context and user intent, enabling CAD standards checking and allowing you to leverage enhanced AI chat and prompt-driven workflows.

Included in:

AutoCAD and AutoCAD LT

A truly collaborative design experience



Discover new ways of working with Autodesk Forma. Keep on the go with AutoCAD on the web and mobile.

 **AUTODESK**



Forma Data Management Essentials

Forma Data Management Essentials is now included with standalone subscriptions of AutoCAD, bringing cloud-based project data management directly into the tools you already use. Leverage advanced collaboration features like Checkout, Multi-user markup, and Connected References to support parallel work, improved coordination, and secure cloud-managed drawings.

Included in:

AutoCAD Stand-alone subscription

Checkout

Checkout introduces a new way of collaborating on shared DWG files by reserving only the geometry you need, allowing you to work in parallel within isolated editing environments and safely apply changes back to the source drawing via Forma Data Management, keeping you in control.

Included in:
AutoCAD

Connected References

Preserve Xref integrity for drawings stored in Forma Data Management by detecting moved or renamed references and suggesting automatic repairs.

Included in:

AutoCAD and AutoCAD LT

Connected Support Files

Connected Support Files

extends integration with Forma Data Management, giving CAD managers centralized control over cloud-based support files.

Project-aware tool palettes and CUI ensure the correct resources load automatically, streamlining administration and consistency.

Included in:

AutoCAD and AutoCAD LT

Connected Sheet Set Manager

Connected Sheet Set Manager links the familiar desktop Sheet Set Manager to Forma Data Management, unlocking full functionality and enabling concurrent editing. Using the classic palette, it supports all features while allowing multiple users to edit the same DST file.

Included in:
AutoCAD and AutoCAD LT

The screenshot displays the AutoCAD 2027 interface with the Connected Sheet Set Manager (SSM) tool. The SSM palette is open, showing a tree view of the sheet set structure. The right-hand panel contains a table of sheet details and promotional content for Forma Data Management.

Size	Version	Locked
7.4 MB	V1	
8.3 MB	V3	You
5.7 MB	V1	
306.6 KB	V1	
109.2 KB	V1	
102.8 KB	V1	
5 MB	V1	
374.3 KB	V1	
1.3 MB	V1	
18.8 KB	V1	
175.8 KB	V1	You
42.8 KB	V1	
43.2 KB	V1	
59.3 KB	V1	
137.9 KB	V1	

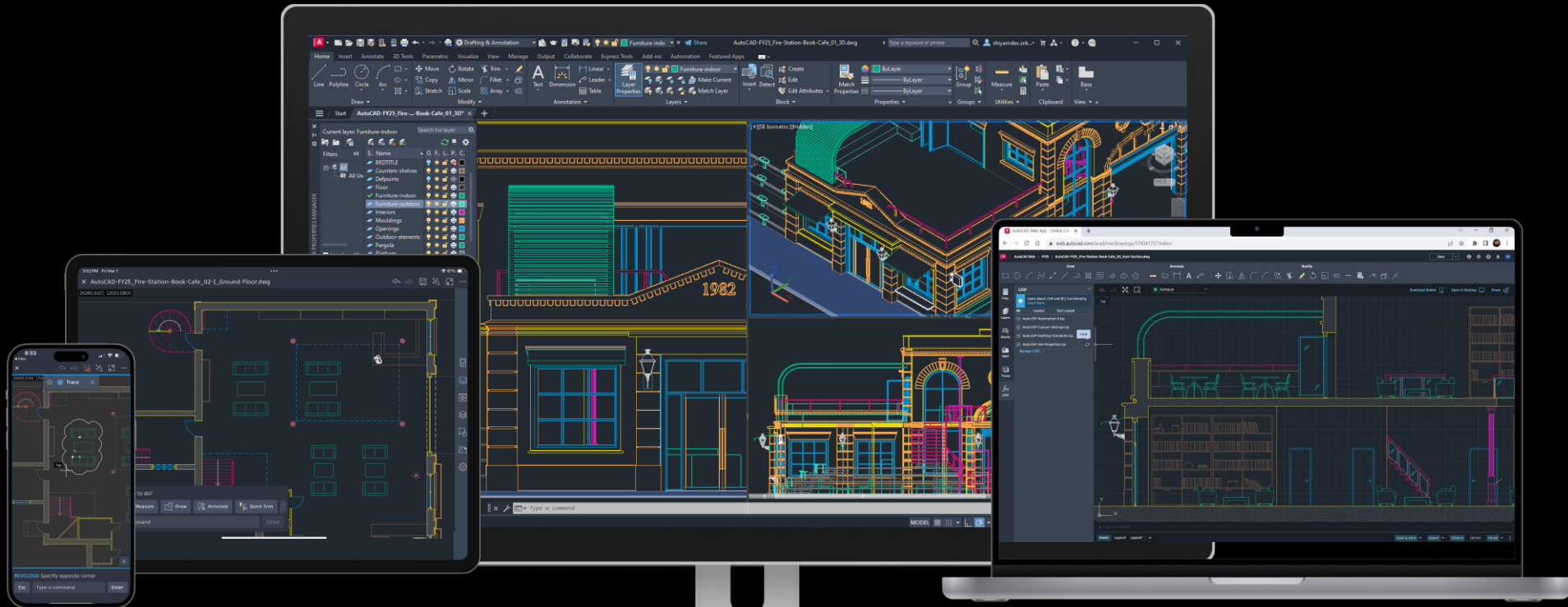
Learn about Forma Data Management

Leverage Forma Data Management in AutoCAD
Tap into secure access, version control, and seamless collaboration with Forma Data Management. Desktop Connector required.
[Learn more](#)

Connected Support Files
Ensure consistency and clarity by sharing one set of support files across a Forma Data Management project.
[Learn more](#)

AutoCAD desktop

Core 2D & 3D drafting



AutoCAD mobile

Bring in field data

AutoCAD web

Meet over DWG



AutoCAD on mobile

View, edit, and create CAD drawings anytime, anywhere with AutoCAD on mobile



AutoCAD on the web



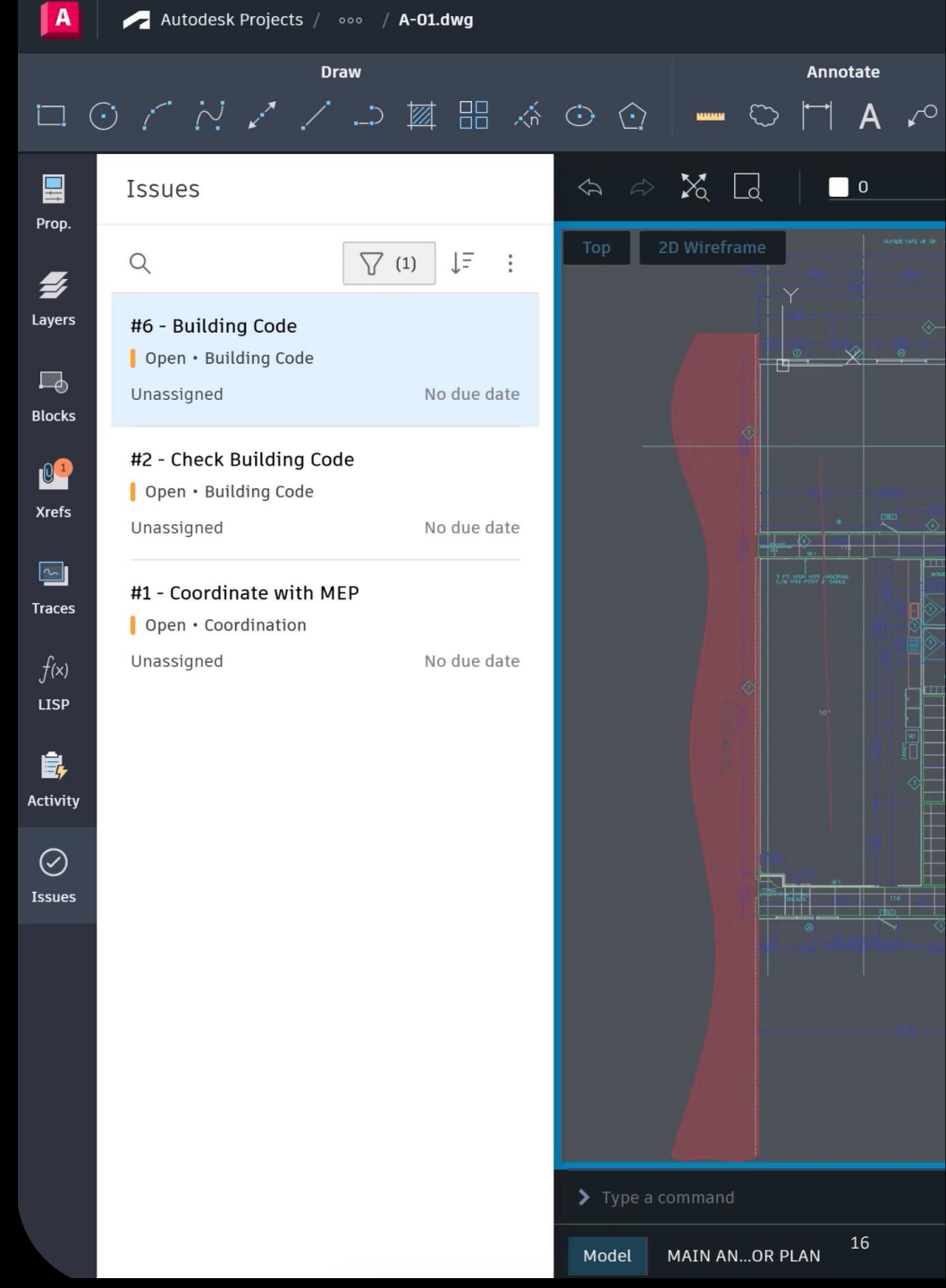
Essential drafting and design capabilities



Bring teams together to review and edit CAD drawings



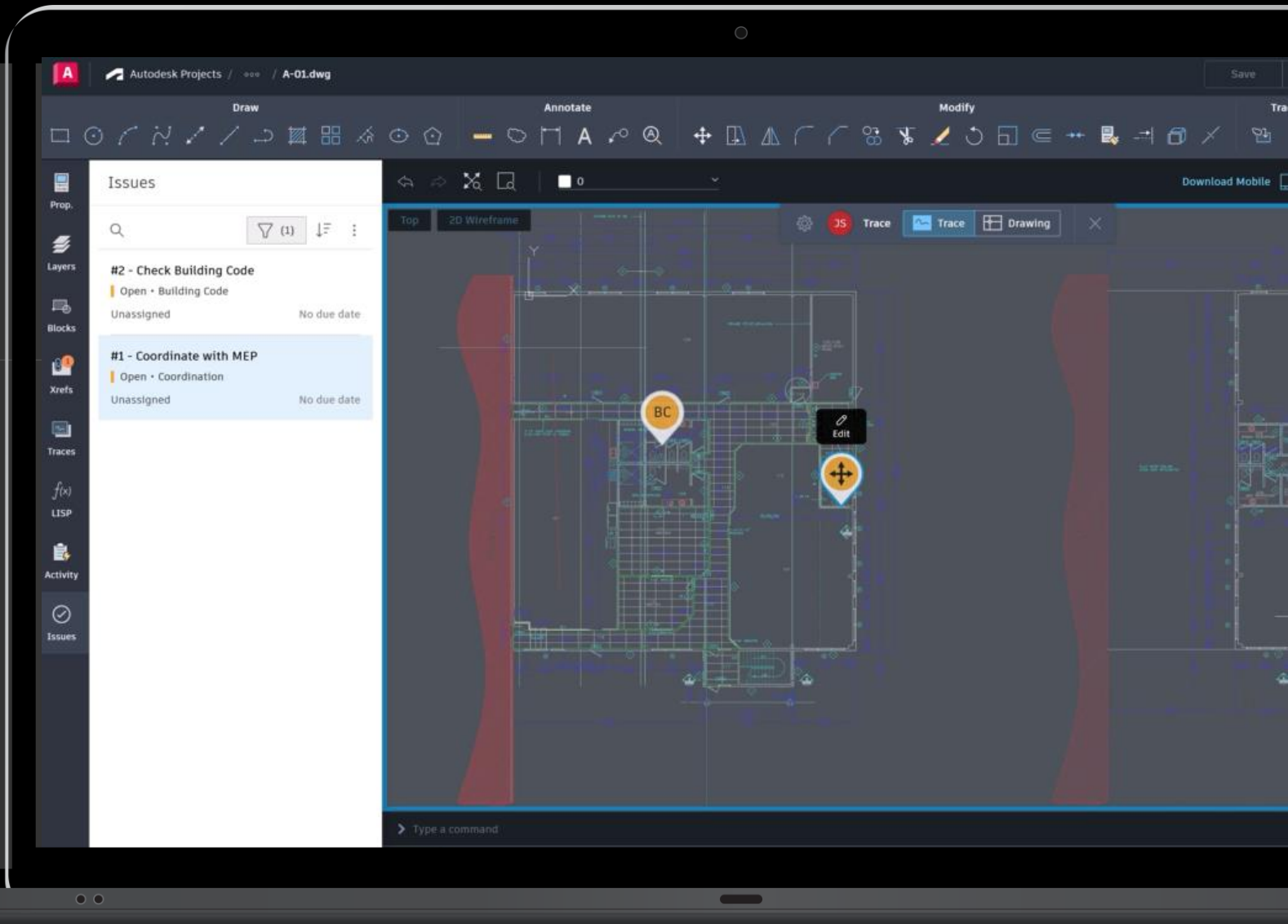
Make assessments and changes in the field



AutoCAD on the web

Review and markup 2D and 3D CAD drawings in the browser on any computer, including DWG files created with the Architecture toolset – with no software installation needed

Login to web.autocad.com



AutoCAD on the web: Forma Data Management Issues

AutoCAD on the web integrates with **Forma Data Management Issues**, allowing you to view, create, and resolve issues directly within drawings, improving communication and keeping teams aligned.

Included in:
AutoCAD

AutoCAD on the web: Connected Support Files enhancements

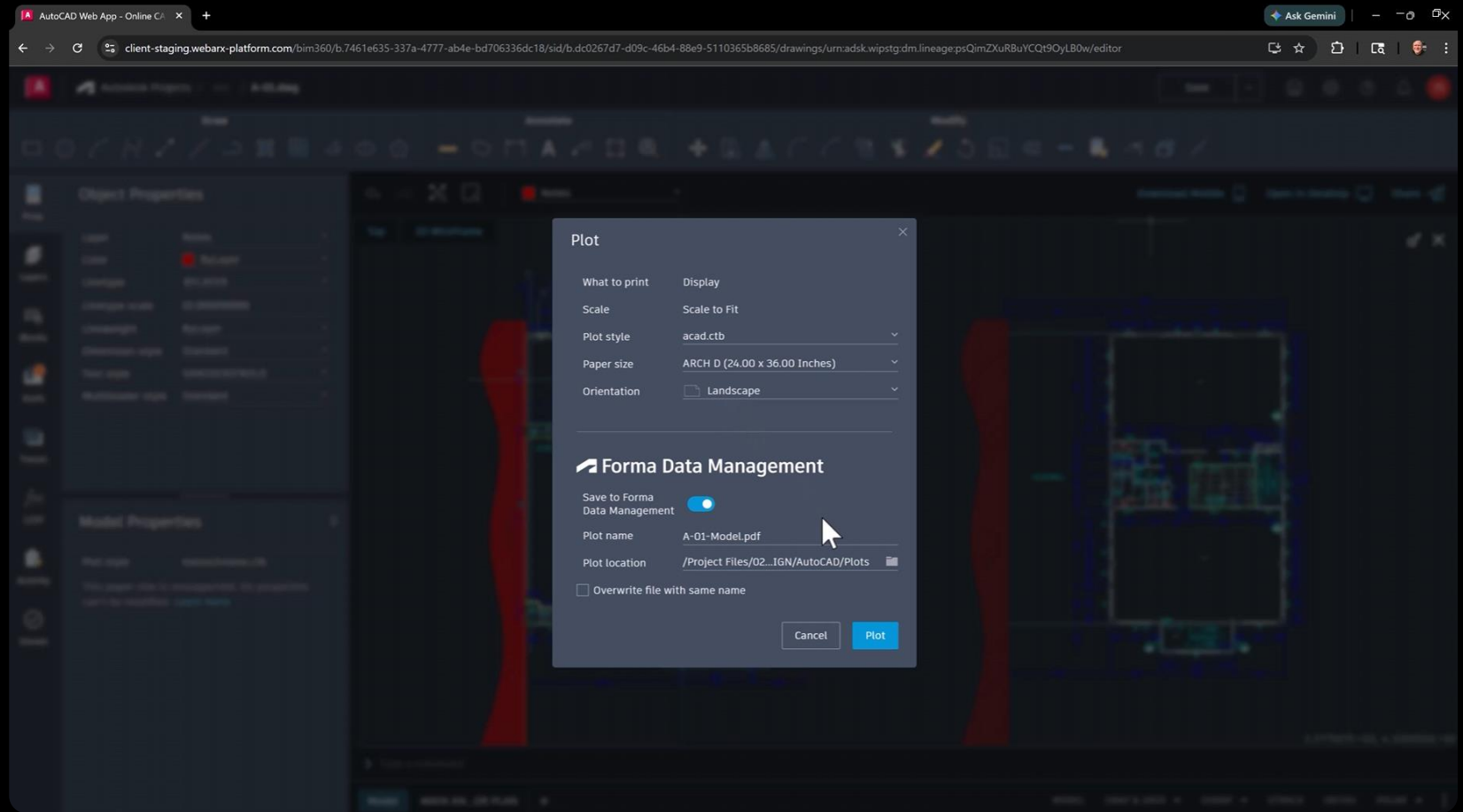
Sheet Set Manager on the web now fully adopts Connected Support Files, with improvements to templates, workflows, and reliability that make organizing and managing sheets easier and better suited for routine production work.

Included in:
AutoCAD

AutoCAD on the web: Plot improvements

Plotting on AutoCAD on the web is more streamlined with Forma Data Management integration, allowing you to save plots to the cloud, rename files, choose locations, preview PDFs, and improve confidence in final output.

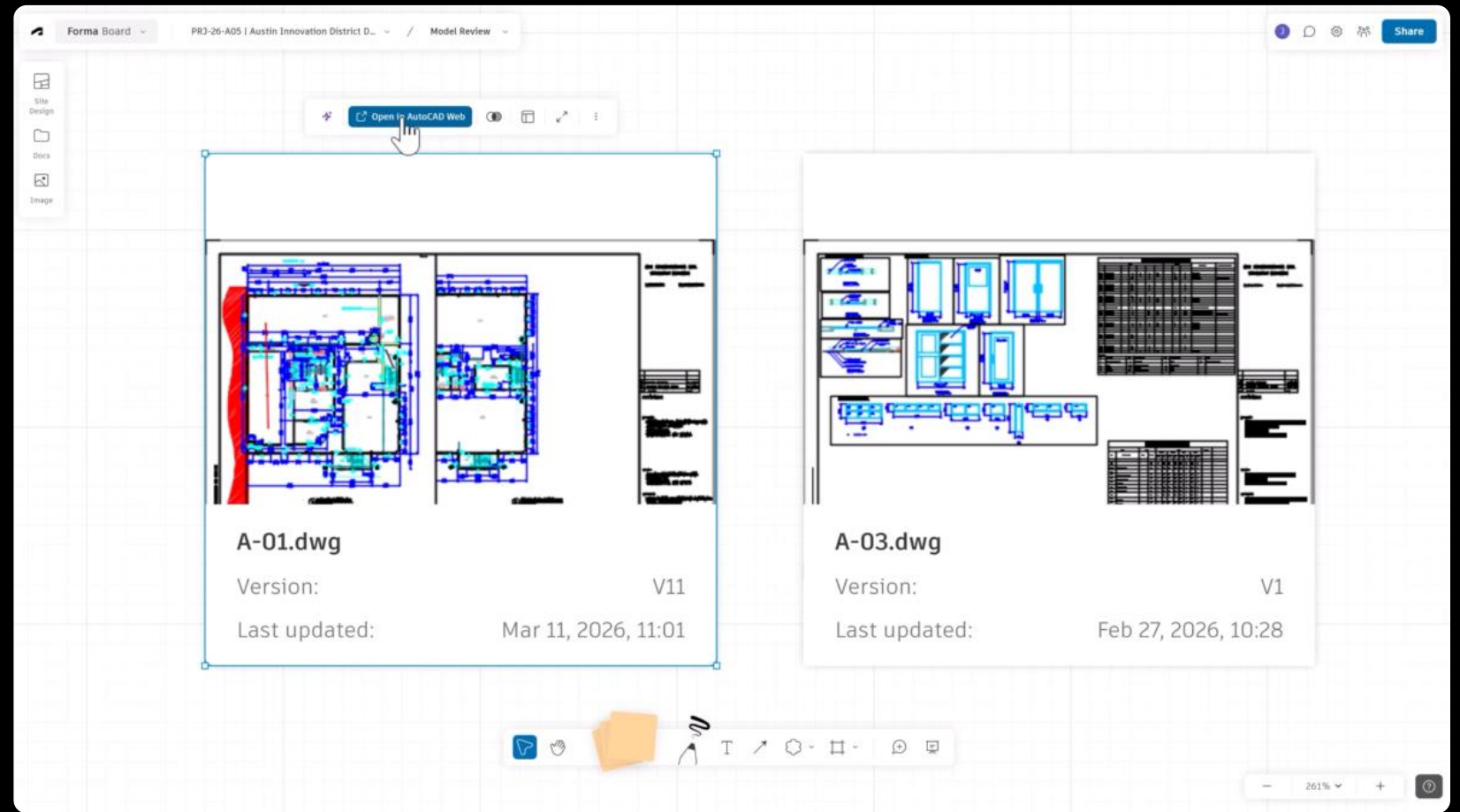
Included in:
AutoCAD



AutoCAD on the web: Integration with Forma Board

AutoCAD on the web integrates with Forma Board, connecting detailed CAD drafting with collaborative early-design workflows and keeping documentation aligned with concept development and design storytelling.

Included in:
AutoCAD



Optimize your productivity

Using seven specialized tools, AutoLISP, and
the Autodesk App Store

 AUTODESK



Geometry Cleanup

Geometry Cleanup identifies common geometry errors such as gaps, overshoots, undershoots, and misaligned angles and suggests targeted fixes. By streamlining error detection and correction in DWG files, it reduces manual cleanup, improves drawing quality and boosts drafting productivity, making files more reliable for downstream workflows.

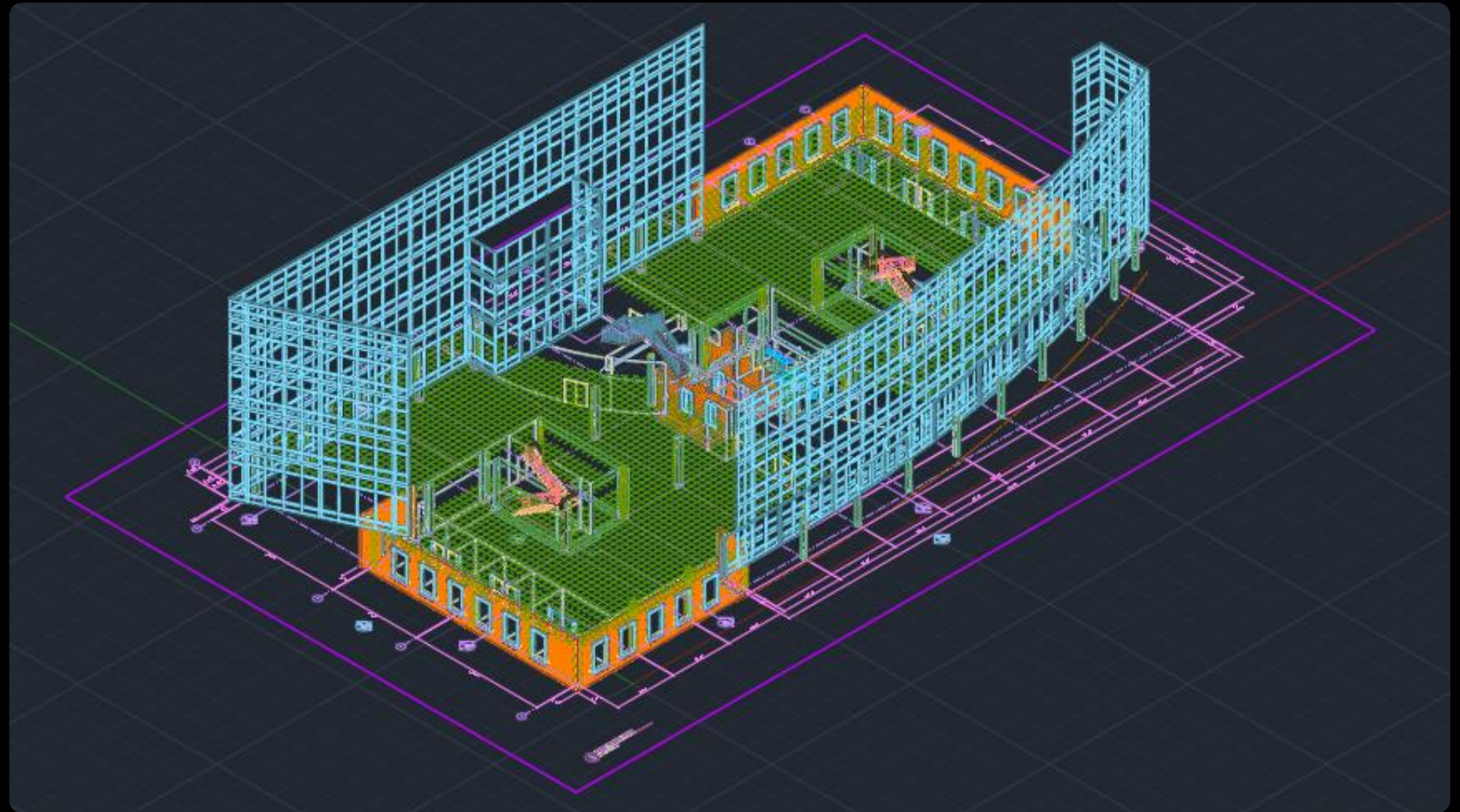
Included in:

AutoCAD and AutoCAD LT

3D visualization with GSF

Expanded Graphics System Framework (GSF) support improves performance and reliability across AutoCAD's 3D workflows, delivering smoother navigation, broader 3D coverage, and support for Realistic visual styles, materials, and lighting.

Included in:
AutoCAD

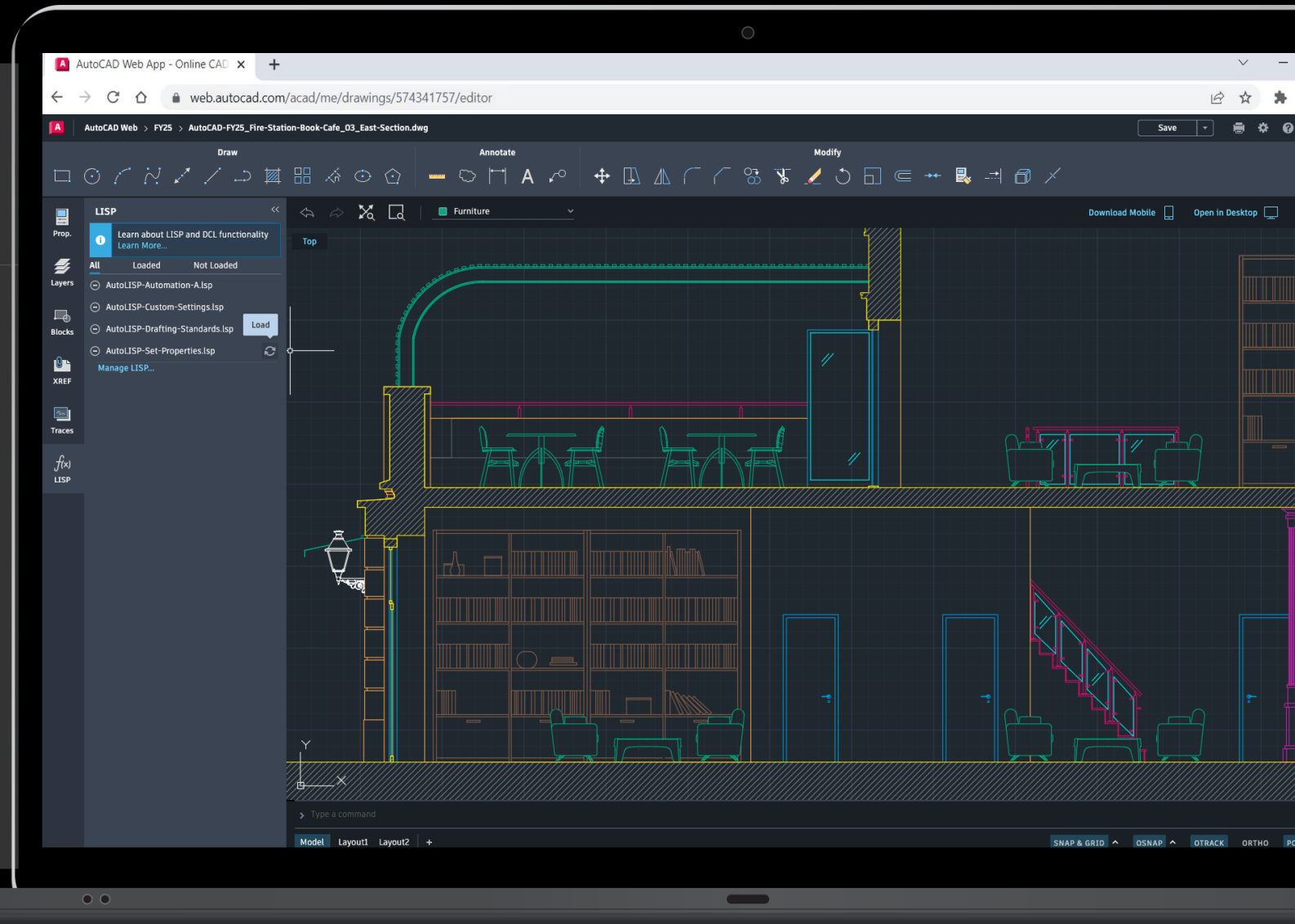


AutoLISP

Leverage thousands of previously written programs created for use in AutoCAD-based programs.

AutoCAD LT supports:

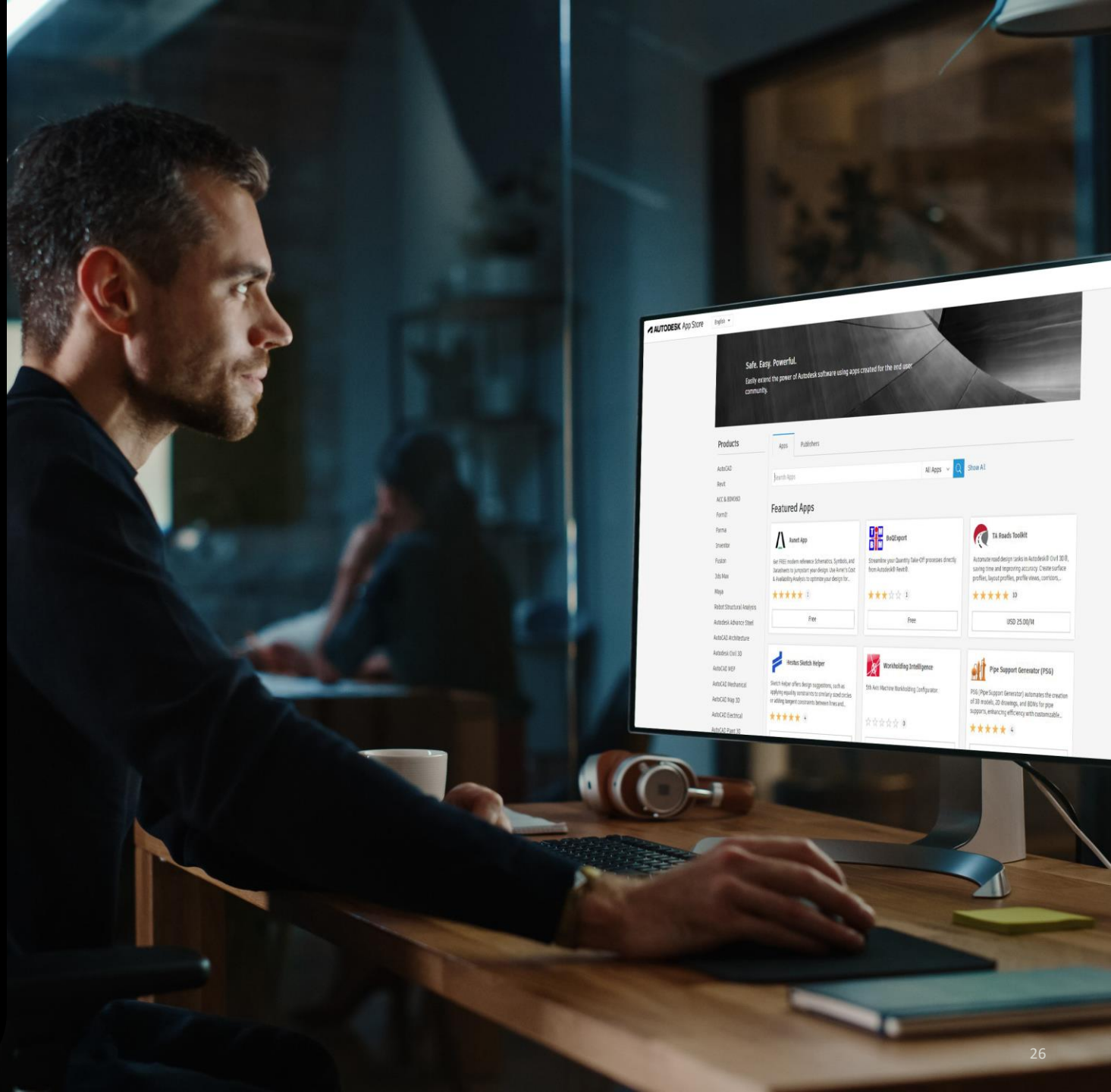
- AutoLISP Source (LSP) files
- Fast-load AutoLISP (FAS) files
- Visual LISP Applications (VLX files)





Apps & APIs

Access to over a thousand third-party apps with the ability to build your own with the AutoCAD API.



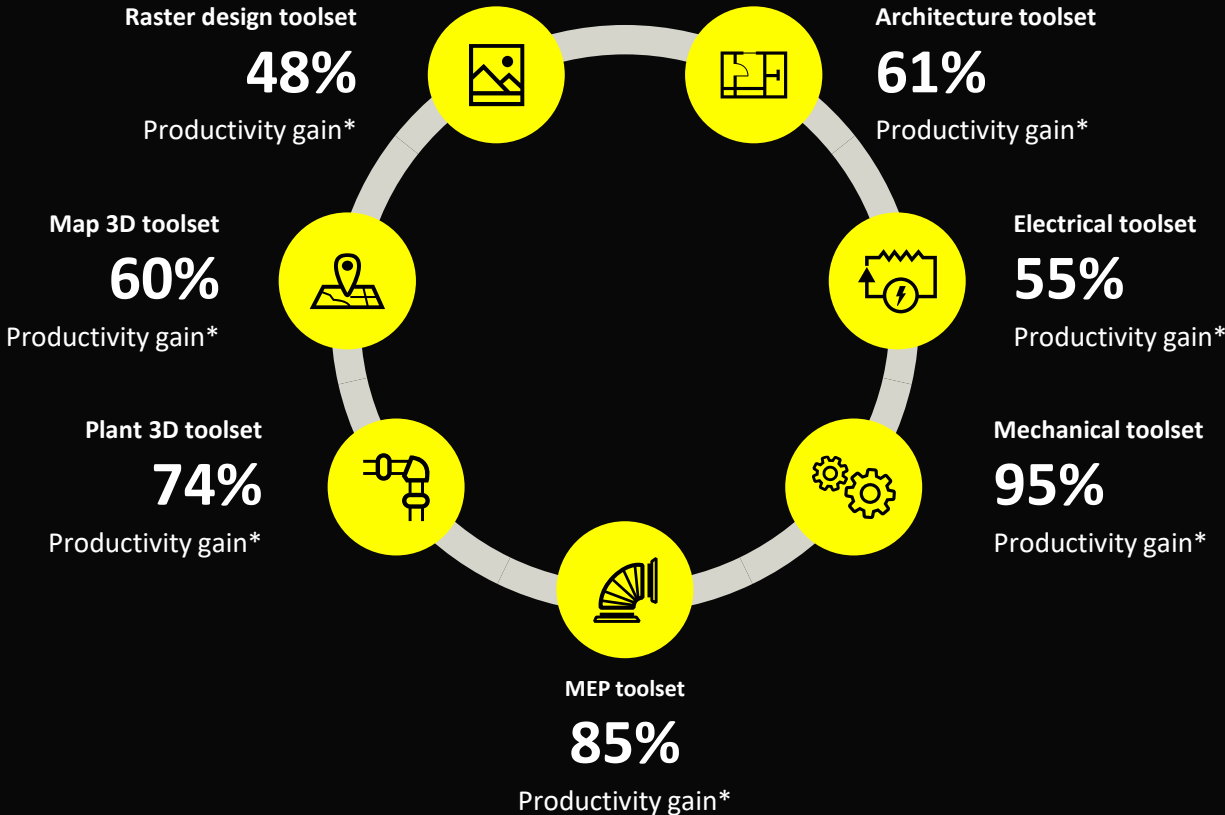
Toolsets



Use specialized toolsets for discipline-specific features, functionality, and parts—including architectural, mechanical, electrical design components and more.

AEC and PDM toolsets

Additional automation for industry-specific tasks and hundreds of thousands of parts, symbols, and diagrams



* Across seven different studies designed by Autodesk and commissioned to an outside consultant. As compared to basic AutoCAD. Study was designed by Autodesk and commissioned to an outside consultant. Your results may differ. Autodesk provides this information "as is", without warranty of any kind.



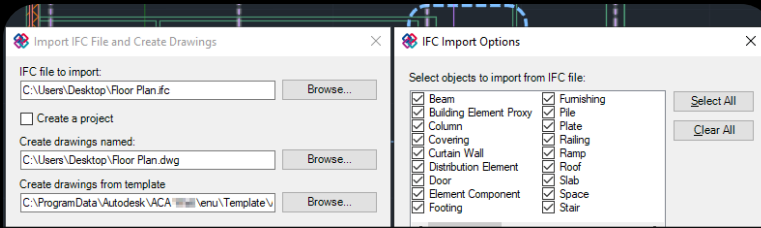
Average productivity gain of

63%

for tasks completed using
a specialized toolset

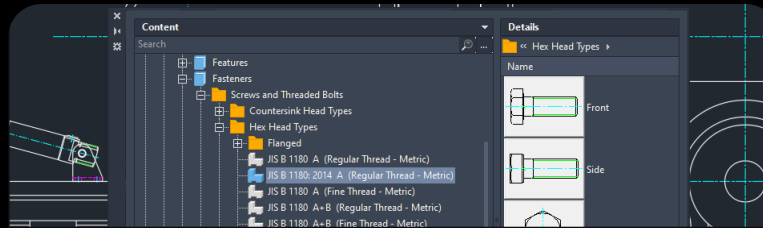
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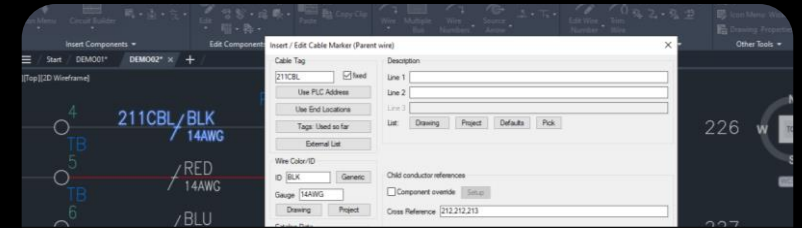
AutoCAD Architecture 2027

- IFC Enhancements
- Export starting and ending coordinates



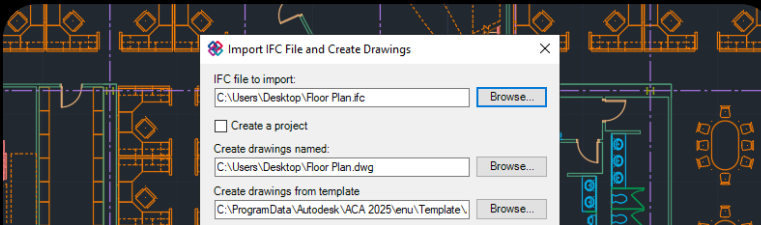
AutoCAD Mechanical 2027

- Supports Edge Symbol Revision ISO 13715: 2017
- Enhanced Content Library Parts
- Supports the latest revisions of ASME Y14.5M-2018 (R2024)



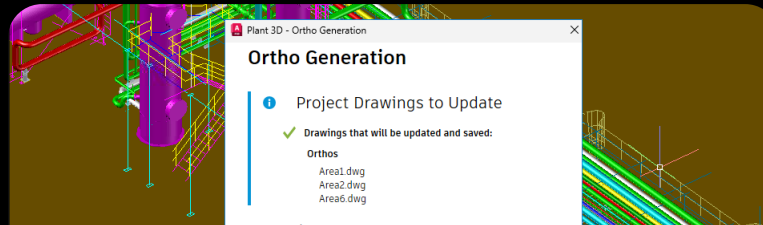
AutoCAD Electrical 2027

- Import electrical product data in ECLASS format
- Enhanced terminal table output
- Export terminal strip data to external manufacturers, including Phoenix Contact, WAGO, and Weidmueller



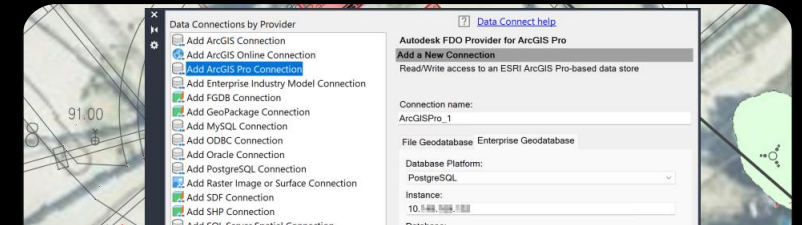
AutoCAD MEP 2027

- IFC Enhancements
- Export starting and ending coordinates
- Ability to lock the Elevation Property



AutoCAD Plant 3D 2027

- Estimate the completion rate for 3D piping
- Selection Functionality for Instruments and Instrument Lines
- Create multi-sheet Isometric Drawing

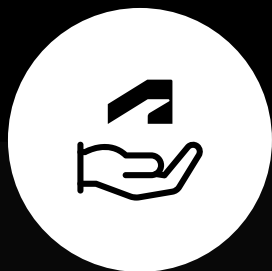


AutoCAD Map 3D 2027

- Export FDO Layer to KML file
- Cloud Optimized GeoTIFFs (COG) file support
- Updates for the ETRS89 / Portugal TM06 coordinate system (EPSG: 3763)

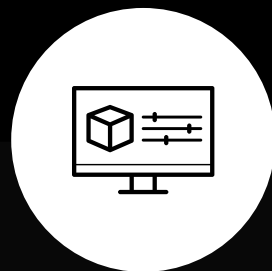
Visit [AutoCAD 2027 Release Notes](#) for more information

The AutoCAD 2027 portfolio



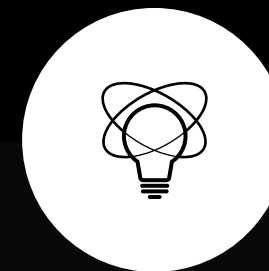
A AutoCAD

Trusted by millions.
Built to accelerate
your creativity.



A AutoCAD LT

Best-in-class tool for
2D drafting, design,
and documentation.



A AutoCAD Web

Essential drafting and
design capabilities for
your everyday needs.



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