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Autodesk My Insights: Empowering CAD, BIM, & IT Managers Through Data

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Learning Objectives

- Discover the variety of My Insights features available in AutoCAD and being planned for Revit.
- Help determine how My Insights can influence, justify, and evaluate the results of employee training.
- Discuss how to properly balance data privacy with data availability.
- Brainstorm how to maximize usage data for improved technology planning and budgeting.

Description

With the 2023 release of AutoCAD software, Autodesk has expanded and improved its advisory engine known as My Insights. When introduced, this feature was delivered to the AutoCAD user by serving personalized productivity insights based on product usage data. Now, Autodesk is exploring how CAD, building information modeling (BIM), and IT managers can also benefit from access to the product usage data from the industry and from within their companies and teams. Imagine having a line of sight into how and where products are used, where training is needed, what efficiency opportunities are being missed, and how CAD standards are being followed-and being able to make better technology decisions, all supported by data. In this roundtable session, we'll do more than imagine-you'll be able to brainstorm, explore, and learn from other industry experts, technology managers, and Autodesk data specialists about how we can expand the My Insights feature to better meet your needs.

Speaker(s)

Chris Lindner is an independent contractor working with the Autodesk Insights team. He is owner of onebutton cad solutions (onebuttoncad.com) providing technical consulting services for Autodesk products. He serves on the board of directors for AUGI, the world's largest CAD & BIM User Group.

Brian Souder is the senior principal data strategist on the Autodesk insights team.

Disclaimer: Anything included in this handout related to roadmaps or future development plans are just plans not promises. The development, releases, and timing of any features or functionality may change. You should not rely on this handout to make purchasing decisions.

Pain Relief Through Data

Every job has its pain points and CAD/BIM management is no different. Relief can be achieved through hard work, diligence, and persistence, but it can also come in the form of well-designed tools.

Historically, and understandably, Autodesk's primary focus in feature and product development has been toward its "users", those individuals who use the software in the creation of drawings, models, drawings, related documents. But CAD and BIM managers are users in their own right. They, too, have projects related to AutoCAD and/or Revit. They are often responsible for how the software is deployed, customized, supported, and standardized, as well as how their fellow associates are supported and trained.

Autodesk has a unique understanding regarding how it's software is used. Or in some cases, not used. This information, presented properly and timely, can provide support for both users and CAD/BIM managers. This is the premise behind Autodesk's "My Insights".

My Insights

My Insights for AutoCAD & Revit uses machine learning or a rule-based engine to transform the usage data into useful conclusions that we call 'insights' to help users to be more efficient and productive.

Each insight is intended to be **highly personalized**, provided in a **timely manner** that **makes sense** to the user, is **highly actionable**, and is **provided in a convenient means**.

An insight is made up of a "card" that is used to deliver insight content through various channels that we'll discuss in a moment. We'll show examples of these card", which **consist of a mixture of text, images, gifs or videos, graphs, etc.** Buttons such as the "Learn More" can be used to steer the user toward more resources that talk to the topic or provide more action such as guiding a user toward the option of upgrading to the newest version of the product. The thumbs up and thumbs down are used to feed into our analytics, but also influence the recommendations that are provided to the user and users who have similar profiles. Similar to Netflix's recommendation engine, the thumbs up and thumbs down help our machine learning engine to learn and improve.

My Insights Workflow



HAVE YOU TRIED?

Import layers, blocks, and styles from one drawing to another.

[Learn more](#)

Usage by Category

Your command usage in AutoCAD (last 30 days)

Edit Objects	36%
Application	17%
Dimensions	13%
Create Objects	16%
General C	
Other	

Is this helpful?

Feature Recommendation

Based on your past usage of the Measurement feature, you might benefit from the Quick Measure enhancement.

[Learn more](#)

Is this helpful?

Update Recommendation

AutoCAD 2022.0.1 update fixes several issues including multi-sheet PDF file publishing and crosshairs display during zoom.

[Learn more](#) [Update now](#)

Is this helpful?

Feature Recommendation

Based on your past usage of the Break and Join feature, you might be interested in the new BREAKPOINT command.

[Learn more](#)

Is this helpful?

Insights Delivery Channels

Insights are delivered in the following ways:

- Emails: sent out monthly, as data determines that new insights are available
- Account Portal: on manage.autodesk.com, go to Reporting > Insights
- In-product:
 - on the My Insights tab of the Start page (AutoCAD 2022.1 and newer)
 - the Macro Advisor's insights are presented as a bubble notification

Insight Types

Insights are grouped into the following categories:

- **Command Recommendations** highlight a command that a user might consider learning. This recommendation is generated by reviewing the features and commands each user has used. Features and commands that have not been used or have been used very little are highlighted by this insight.
- **Update Recommendations** suggest new product releases users might want to install. These insights highlight features the user is already using in their existing product and informs the user that the features are improved in the new release.
- **Usage by Category** is a report-based insight that shows each user the AutoCAD/Revit capabilities they have used during the previous 30 days. Each month, this update is refreshed.
- **Have You Tried** insights provides links to helpful articles that teaches users capabilities they are not currently using in your product.
- **Efficiency Boosters** insights highlight ways AutoCAD/Revit users can improve their overall efficiency with the product. These insights are highlighted to users that are not using these capabilities.
- **Macro Advisor** insights are personalized non-intrusive command macro suggestions surfaced in-workflow and relevant to the way you work designed to minimized tedious and repetitive .
- **Non-Fatal Error** insights are provided to users that have worked on design files where these conditions were present within the previous 30 days. The Learn More link instructs users how to change their product settings or practices to eliminate these issues in the future.
- **Drawing/Model Health** provides feedback about model or drawing health, suggesting tips, commands, or resources for improving the performance of the files.

- **Application Health** insight is a report showing each how their product usage compares to the larger community of users. This insight is refreshed often so it always reflects the user's more recent activities.

Insights Future

Autodesk is committed to the ongoing development of Insights across different products. The possibilities and potential of the My Insights program continues to be explored.

- **Team Insights** would provide BIM and CAD Managers with data-rich reports empowering them to make planning, purchasing, and training decisions that are supported by subjective data.
- **CER Insights** would integrate Autodesk's current Customer Error Reporting system with the My Insights feature, notifying users as well as BIM and CAD Managers when updates or workarounds are available that are related to CER reports that have been submitted.

Thanks for Attending!

Feedback like what you provided in this roundtable is vitally important to us as the My Insights programs matures and expands. Autodesk's machine learning algorithms, with input guided by human subject matter experts like your selves, will continue to improve. Our goal is for My Insights to become as important to you and your co-workers as it is to us at Autodesk.

Additional My Insights Resources

- [My Insights \(What's New in 2022.1\)](#)
- [About Autodesk My Insights](#)
- [Team Insights](#)
- [AU 2021 Session - "My Insights" in AutoCAD: Overview and What It Means for the Way You Work"](#)
- [My Insights: Get Personalized Insights to Maximize Productivity in AutoCAD](#)