

Top NEW features in **ARES® Commander 2020**

Modern DWG Editing Across All Your Devices

The version 2020 represents the first step of Graebert's revolutionary roadmap to build the best-in-class CAD platform to document BIM projects.



Building Information Modeling (BIM) software has been around for more than twenty years. There is a strong interest in BIM because it represents a smarter way to collaborate around construction projects. Nevertheless, statistics show that less than 20% of the users have transitioned to BIM. But why?

The amount and complexity of technical information are increasing with the deployment of 3D, BIM and simulation. Drawings help to organize this information with a higher level of detail, which is in particular needed for execution, operations, maintenance, or legal purposes.

Another major reason is that the files shared with customers represent a liability. Highly

detailed 2D drawings are much easier to assess and validate than 3D BIM files in which information is hidden in properties.

This explains why, even the organizations that are massively using BIM, keep employing 3 to 10 times more CAD users working on drawings.

The key problem, however, is that the quality of the 2D output from BIM software is reputedly very poor. There is a broken workflow between BIM and CAD users resulting in a terrible waste of time and resources. More generally, the value of BIM would significantly increase if the BIM data could also be shared, in an efficient way, with the other professionals involved in the project. This is why Graebert is focusing its efforts around drawings and data extraction.

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More about the new features on

www.graebert.com/in/cad-software/ares-commander/new-features/



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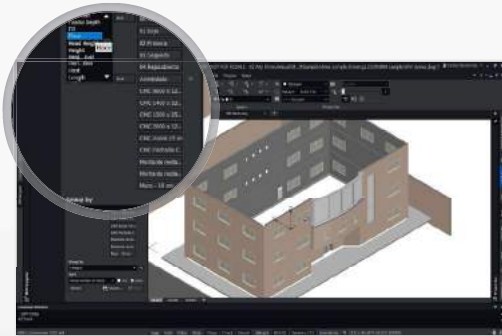
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Top NEW features in ARES® Commander 2020

The ARES CAD Software offers you more than a cost-effective alternative to create or modify drawings in DWG. Discover below some of the latest and greatest innovations for ARES Commander.


1



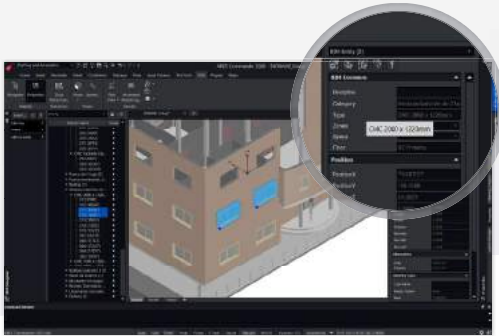
BIM Navigator

Import IFC and RVT files and filter out only the BIM information you need

The BIM Navigator palette enables you to import and view one or multiple BIM files in ARES Commander. Supported formats include IFC (versions 2X3, 4 and 4x2), as well as RVT (Revit versions 2011 through 2020). You can further use the filters to show/hide only the objects you need, combining criteria such as the discipline, category, floor, class, or other BIM properties.

 >> See the video on our website

2



Read BIM Properties

Select objects and read their BIM properties

While viewing and rotating the BIM project you can select objects. The BIM Navigator will highlight them in the Elements tree and the Properties Palette will display their BIM properties. Alternatively, you may select the objects from the elements tree and they will be highlighted in the project.

 >> See the video on our website

3



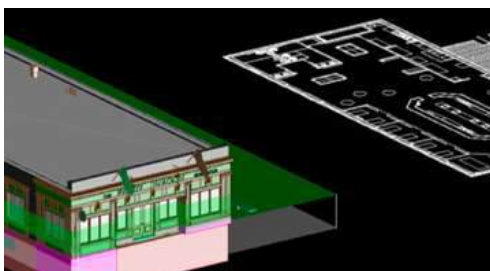
BIM Data Extraction

Export the properties of selected BIM objects into tables in the drawing or CSV files for spreadsheets

Select BIM entities manually, or from the filters in the BIM Navigator, and extract their BIM data. The wizard helps you isolate only the properties you need. The data can be inserted as a table in the drawing or exported to a CSV file for use in Excel or other programs.

 >> See the video on our website


4



BIM Drawings (Coming soon!)

Extract 2D drawings from sections of the BIM project

Specify section planes to extract any 2D drawing from the 2D BIM project and use ARES Commander's CAD tools to further document the project with details or annotations.

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