# What's New in DraftSight 2022

## Welcome to DraftSight 2022!

This new release further easies your transition from AutoCAD and helps accelerate your large and complex projects. Here are more details on the Service Pack 0 (SP0) release. Please stay tuned for more exciting enhancements in the upcoming Service Packs.

## Create Custom Blocks with Multiple Variations

Real world objects represented by blocks can often be built into various variations, such as different sizes, shapes, and orientations for a door. These variations have led to a large amount of separate blocks and DWG files which have been hard to manage and take up a lot of storage space.



Now in DraftSight 2022, you can integrate multiple variations into one single block. Custom Blocks can greatly reduce block and file quantities by the total number of variations, saving dozens, hundreds, even thousands of files.
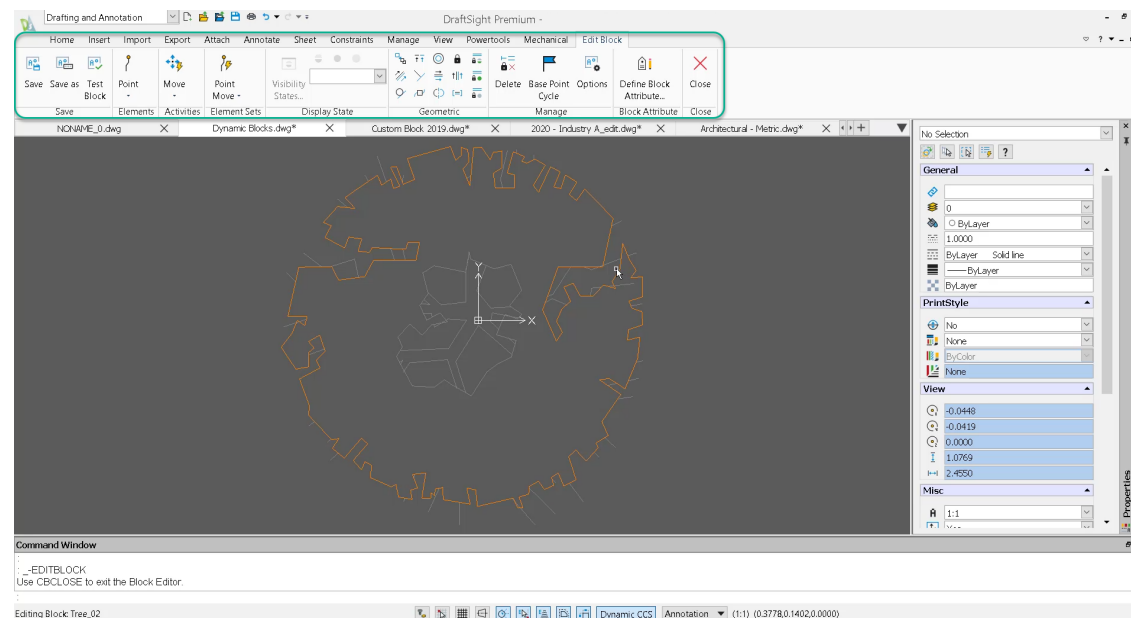
# Convert and Edit AutoCAD Dynamic Blocks

AutoCAD Dynamic Blocks integrate multiple variations into a single block, which has been widely used by AutoCAD users. Since DraftSight 2021, users has been able to view Dynamic Blocks with full configurability. Now you can go one step further in DraftSight 2022, with the ability to convert Dynamic Blocks into DraftSight Custom Blocks and edit them with their configurations. This will help efficiently reuse your legacy data and significantly ease your transition to DraftSight.
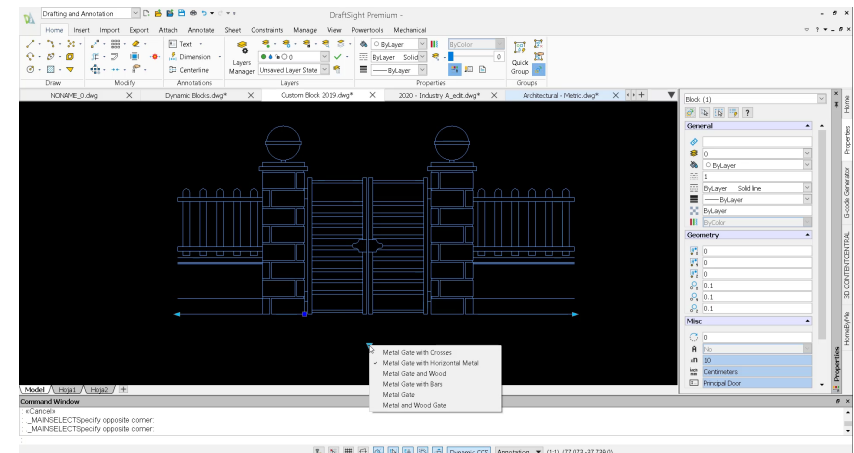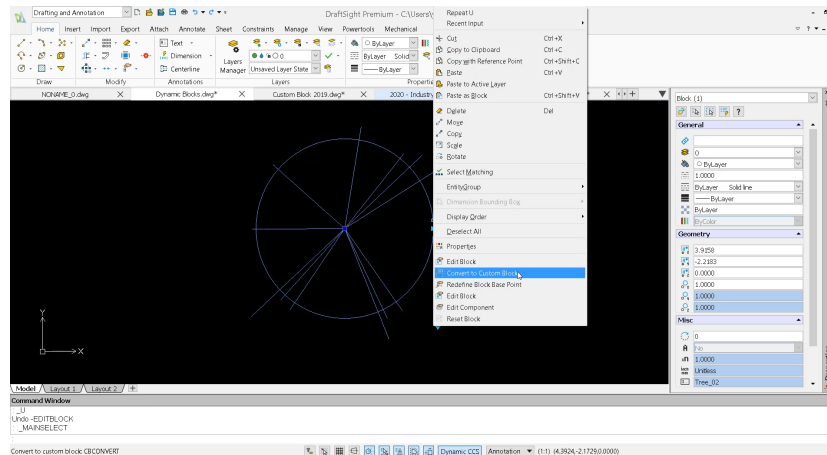




Please note that once converted, Dynamic Blocks will become new definitions and their configurations may not be presentable outside of DraftSight any more. It is recommended to keep the original copies of your Dynamic Blocks before conversion.

# Organize a Large Number of Sheets Efficiently with Sheet List Tables, Selection Sets, Reference Packaging, and DWF Publishing

It has been extremely time-consuming and error-prone to manage and print a large amount of drawing sheets across multiple DWG files.

Since DraftSight 2021, users have been able to manage sheets efficiently with the Sheet Set Manager. With DraftSight 2022, you can create and update a sheet list table as a summary with direct access to the individual sheet listed. Flexible selection sets can help quickly access desired specific sheets for later reuse.
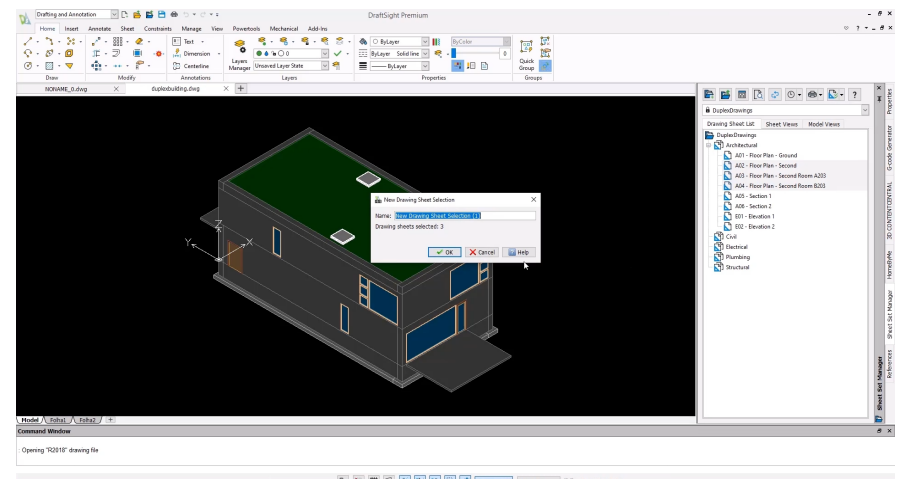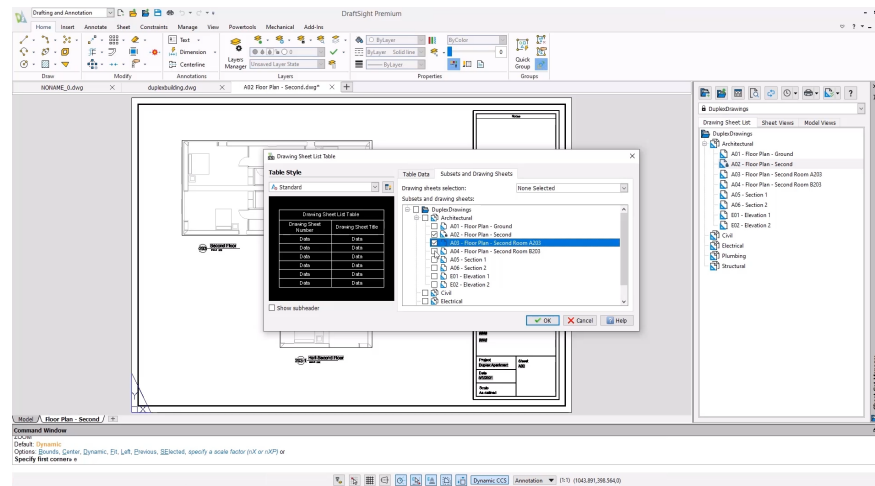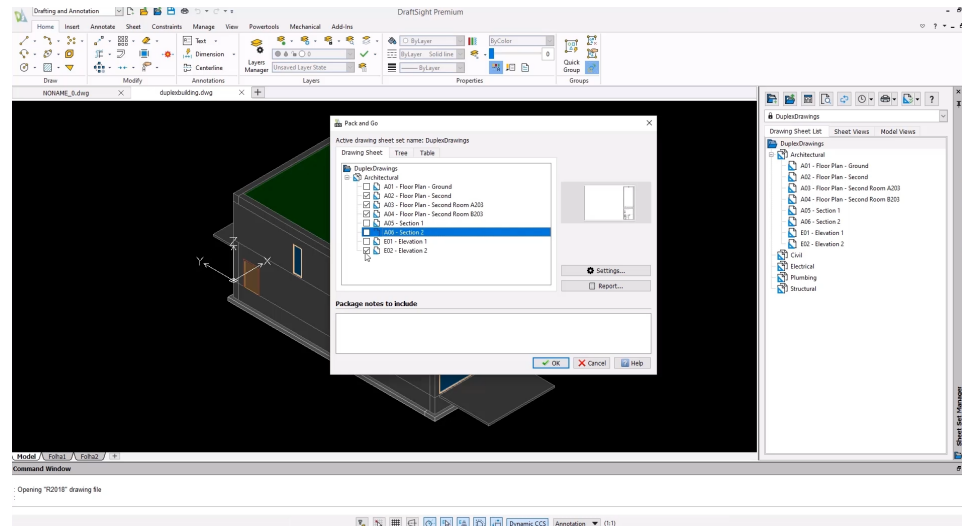
Manufacturers have created a large amount of drawings with external references such as images and title block drawings. Referencing is actually a recommended practice to reduce duplication of effort, encourage standardization, and facilitate easy updates. However, have you been asked by others for missing references when sharing drawings?

Now with DraftSight 2022, you can package drawings and references together with one click to share easily and more accurately.

DWF is a popular format to communicate 2D drawings 2D drawings with other project stakeholders. DraftSight 2022 helps automatically publish multiple selected sheets into DWF to lower the barrier of collaboration and save time.
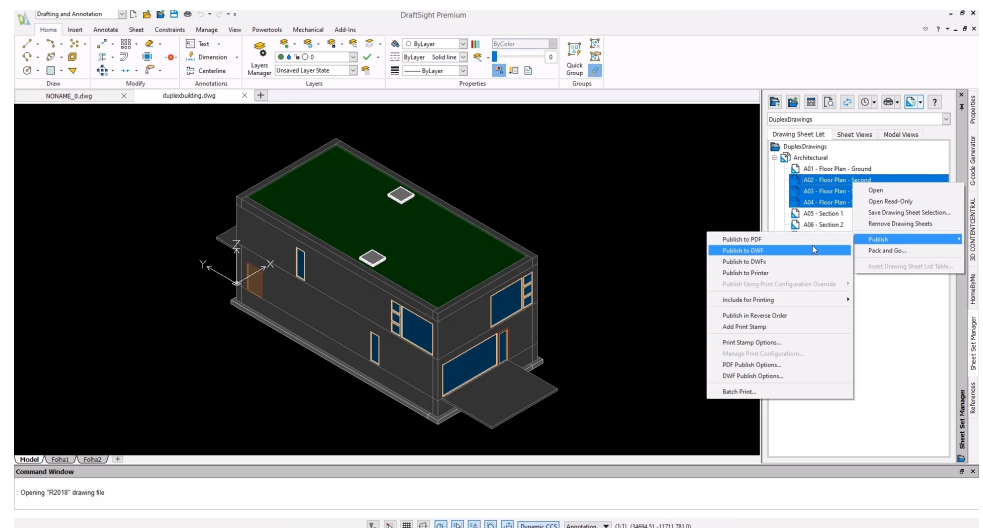
# Enjoy the Dark Mode to reduce eye strain

Long hours staring at computers can exhaust users' eyes, especially when the screens display a high level of brightness. To improve user vision and alleviate fatigue and exhaustion, we are introducing the Dark Mode option in DraftSight 2022. Now all the interface elements (menus, ribbons, palettes) have been redesigned to purposefully fit the dark display without compromising the contrast and display results, making this a productive and pleasant user experience if you prefer.
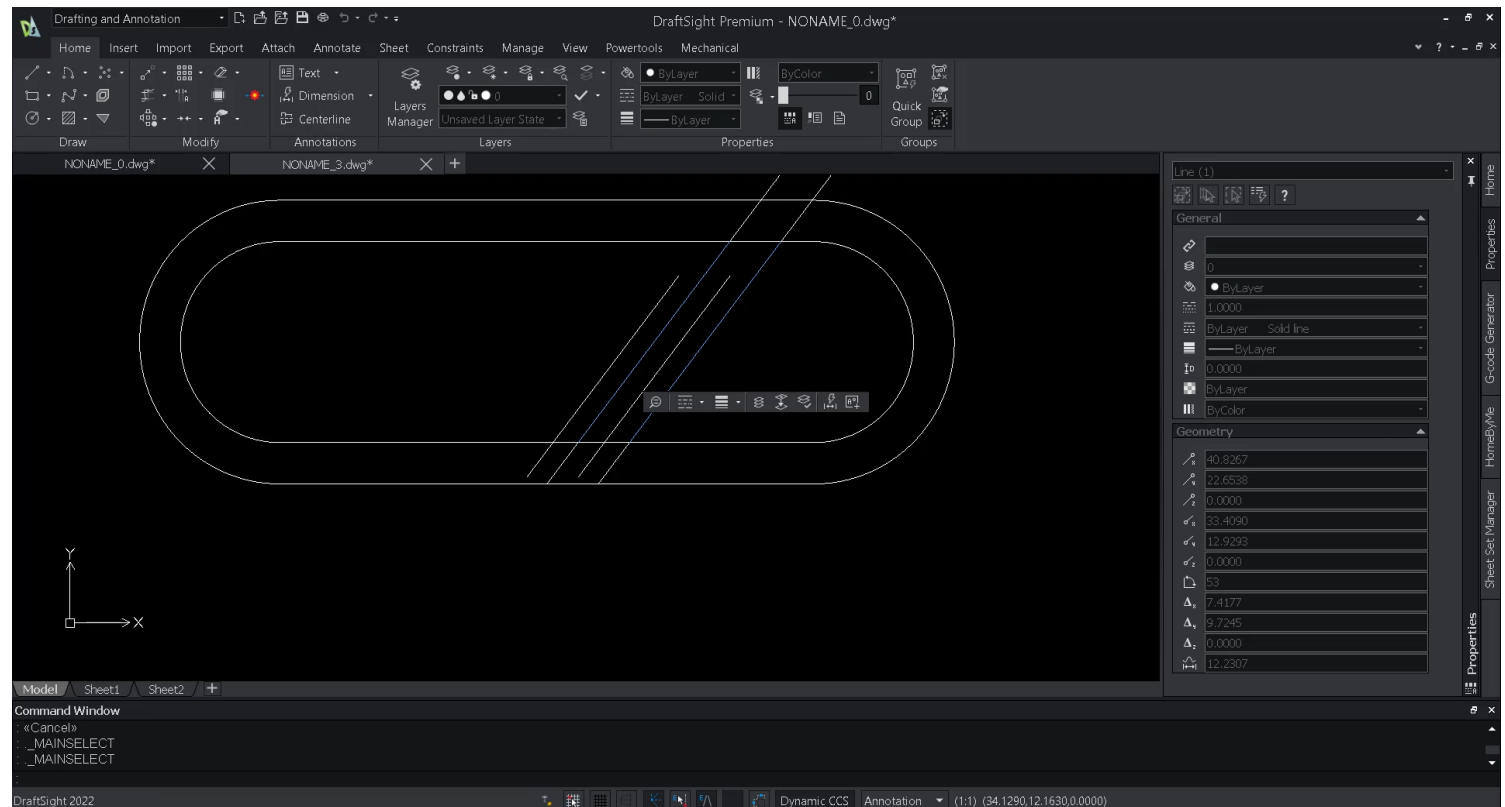
# Create and edit Splines more easily

Splines are used to create a smooth curve which generally passes through a set of predefined points. Besides the existing 'Control Vertices' method, DraftSight 2022 added a new option under the Fit method called "Knots." Knots is one of the computational methods that determines how competent curves between specific points are blended.

You can also quickly switch between the 'Control Vertices' and 'Fit' methods, even after a spline has been created. This supports the translation of legacy data created with the Fit method into the Control Vertices method. We have also added a dedicated command, Spline Edit, to quickly edit splines on the go.
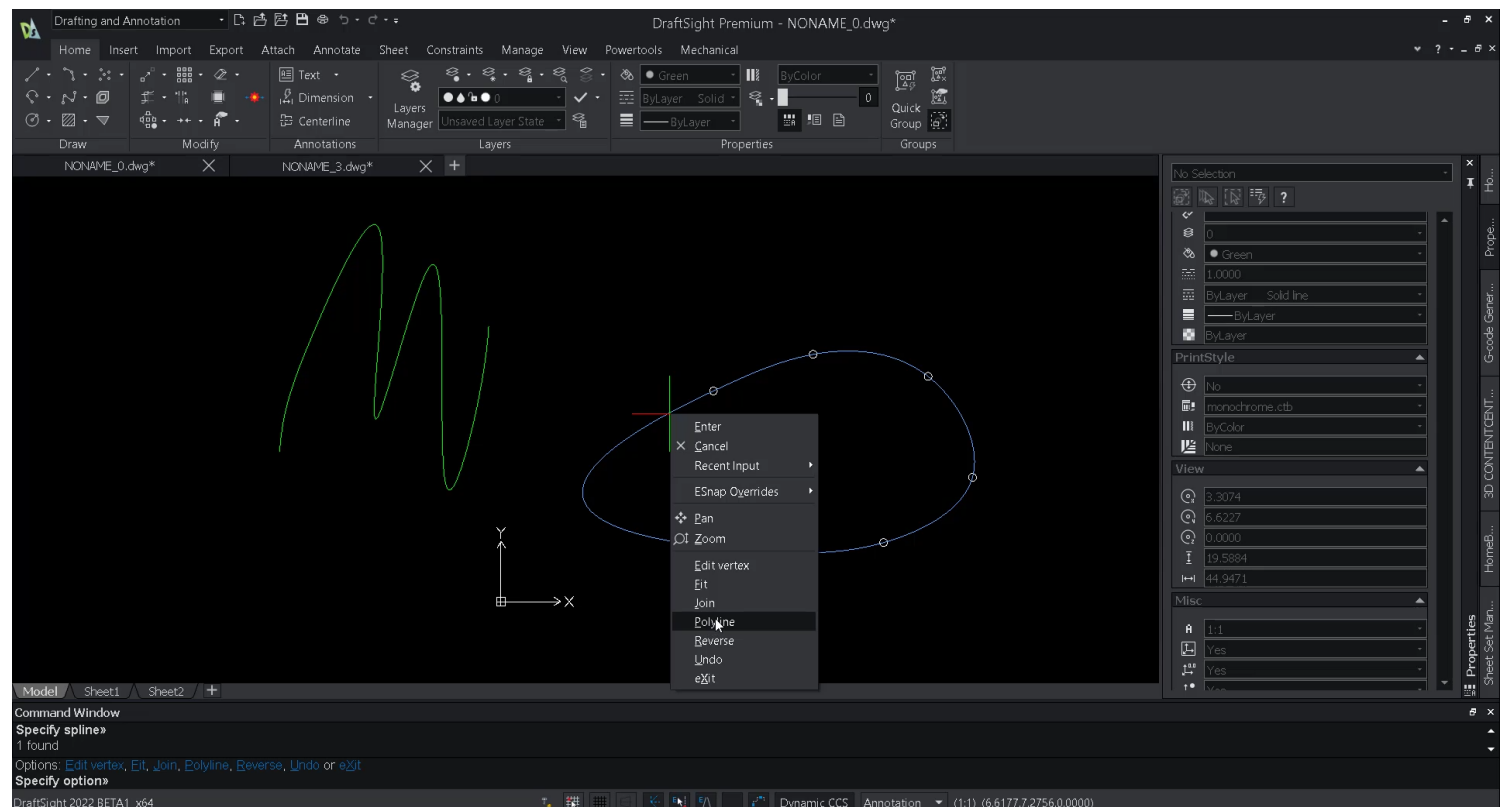
Now several popular features in DraftSight 2021 have been included into to more packages in DraftSight 2022.

Associative Patterns, a powerful tool to help you control your repeatable geometry, has been added to DraftSight Enterprise and DraftSight Professional in addition to DraftSight Enterprise Plus and DraftSight Premium.

PDF Import, a tool to import PDF drawings and convert them to editable DWGs has been added to DraftSight Enterprise in addition to DraftSight Enterprise Plus and DraftSight Premium.

Please enjoy DraftSight, now with even more delightful and productive experiences in DraftSight 2022, whether you are reusing legacy data or creating new drawings!

# DraftSight

## DraftSight22 Features
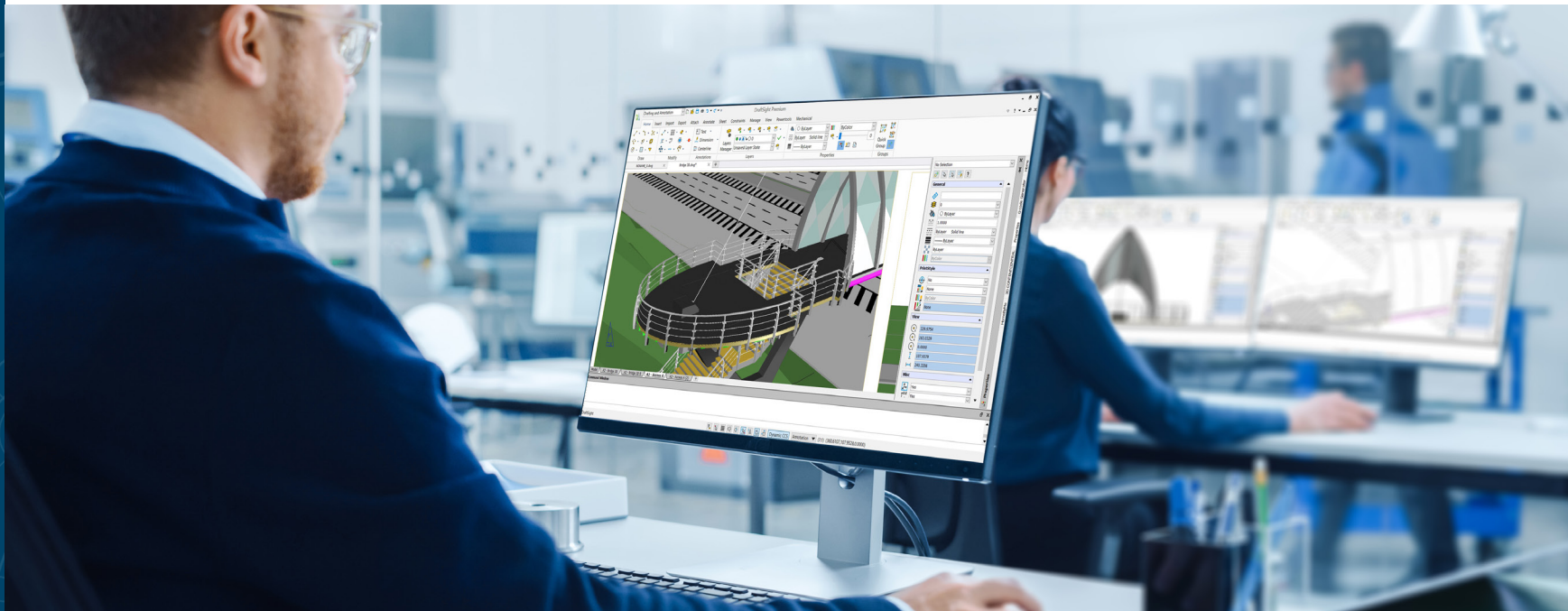
| DraftSight22 Features | Professional | Premium | Enterprise | Enterprise Plus |
|---|:---:|:---:|:---:|:---:|
| Custom Blocks Enhancements | | ✓ | | ✓ |
| Convert & Edit AutoCAD Dynamic Blocks | | ✓ | | ✓ |
| Sheet List Tables | | ✓ | | ✓ |
| Selection Sets | | ✓ | | ✓ |
| Reference Packaging | ✓ | ✓ | ✓ | ✓ |
| DWF Publishing | ✓ | ✓ | ✓ | ✓ |
| Dark Mode | ✓ | ✓ | ✓ | ✓ |
| Spline Enhancements | ✓ | ✓ | ✓ | ✓ |

The full list of features by product is available on DraftSight.com

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