Evolution of CAD Drafting in Last Decade by Kimberly Smith

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Auto CAD is an eminent tool in the field of CAD Drafting. CAD Drafting derived from AutoCAD. Earlier drafting was done manually while AutoCAD automated Drafting, hence it is known as â€œCAD Draftingâ€•. AutoCAD has given CAD Drafting all together a new perspective. Industries quickly have adapted AutoCAD and have starting using it for various objectives apart from pure CAD Drafting.

The software itself has been evolving constantly by updating itself in a lot of areas. Creating Layouts is a facility that is used by young drafters these days. Using paper space, working on layouts,layering, setting up plots etc. are some areas where one can get trained and upgraded. Creating Layout in AutoCAD has become much easier today and is good to use. It facilitates features like setting plots and other options in the software.

CAD Drafting has come a long way with AutoCAD software coming in picture. Drafters have started using paper space instead of model space. Model space is still used for creatingtitle blocks, borders etc.There are some drawing types where layout canâ€™t be used this is when model space comes into picture.

CAD Drafters of this generation can easily use layouts. This is a technique in CAD Drafting which allows you to use the paper space with ease. Advantages of using CAD Drafting tools in AutoCAD are as under

Main advantage of using AutoCAD software is to ease the task. Gone are the days when drafters or Engineers took days to draw a simple plan. Using short cut keys and tools in AutoCAD eases task of detailing and scaling. Today in this article we will discuss about some advantages that creating layouts provides us in Cad Drafting.

Drawings can be drawn in full scale with different dimension styles. Drafters basically can draw freely without focusing on scaling the drawing constantly.

We can create details from sections. This means we donâ€™t have to basically manage a lot of detailing differently drawn in different scales. The drawings can be presented with different view ports and can re-present different areas of the plan or drawing.

We can work simultaneously in different scales which will automatically create many styles. Drawing scales are easy to manage when you create layouts. You have all control on the layout and can easily arrange the scales in layout. You can create the drawing in scale of 1:100 and then arrange the sheet in layout style.

We can work with one model and then present it multiple times using different areas and representations. Now this feature cannot be used if we use model space to work. Model space is complex and is more or less like manual drawings. When working on different areas and to present different parts of drawings we need to copy and paste each item individually. This is cumbersome. Layout facility in cad drafting facilitates us to create a single drawing and present different scales multiple times.

Apart from this advantage there are ways to view a single drawing with different orientations too. With help of Layout we can show a plan with multiple orientations in single model space easily with layout.

Every view port in CAD Software has layer properties for each view port. We can specify and set layer properties too. We also can toggle properties as and when required.

Conclusion: AutoCAD has laid the foundation stone of digital revolution in the field of CAD Drafting. It is getting better with every passing day.

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