

## MEP BIM services: maximizing efficiency

### Introduction:

The need for accurate mechanical, electrical and plumbing (MEP) systems is absolutely necessary for every building structure. It is critical for appropriate functioning of the equipment and sustainability. The MEP BIM service offering includes various services like MEP 3D Modeling, CAD services, MEP Coordination etc., services that will provide an effective synchronization between all the individual parts of a building. Different MEP BIM models for different buildings structures encompassing, health care, residential, commercial properties, hotels, resorts, industrial buildings etc. are created.

Organizations across the world; to support their MEP BIM services portfolio, use software products such as CAD Duct, Revit MEP, AutoCAD, CAD-Pipe etc. Engineers and architects who work on such projects need to have a strong knowledge of handling variety of input forms such as AutoCAD files, GIF or JPEG files, PDF, photos, images, scanned, electronic files, Revit files, and even hand-drawn sketches.

### Service offerings:

Most organizations, offering these services follow international codes and standards while developing Building Information Model of MEP designs to provide detailed MEP services to their global customers. The main MEP BIM services offered by organizations include:

