INTRODUCTION

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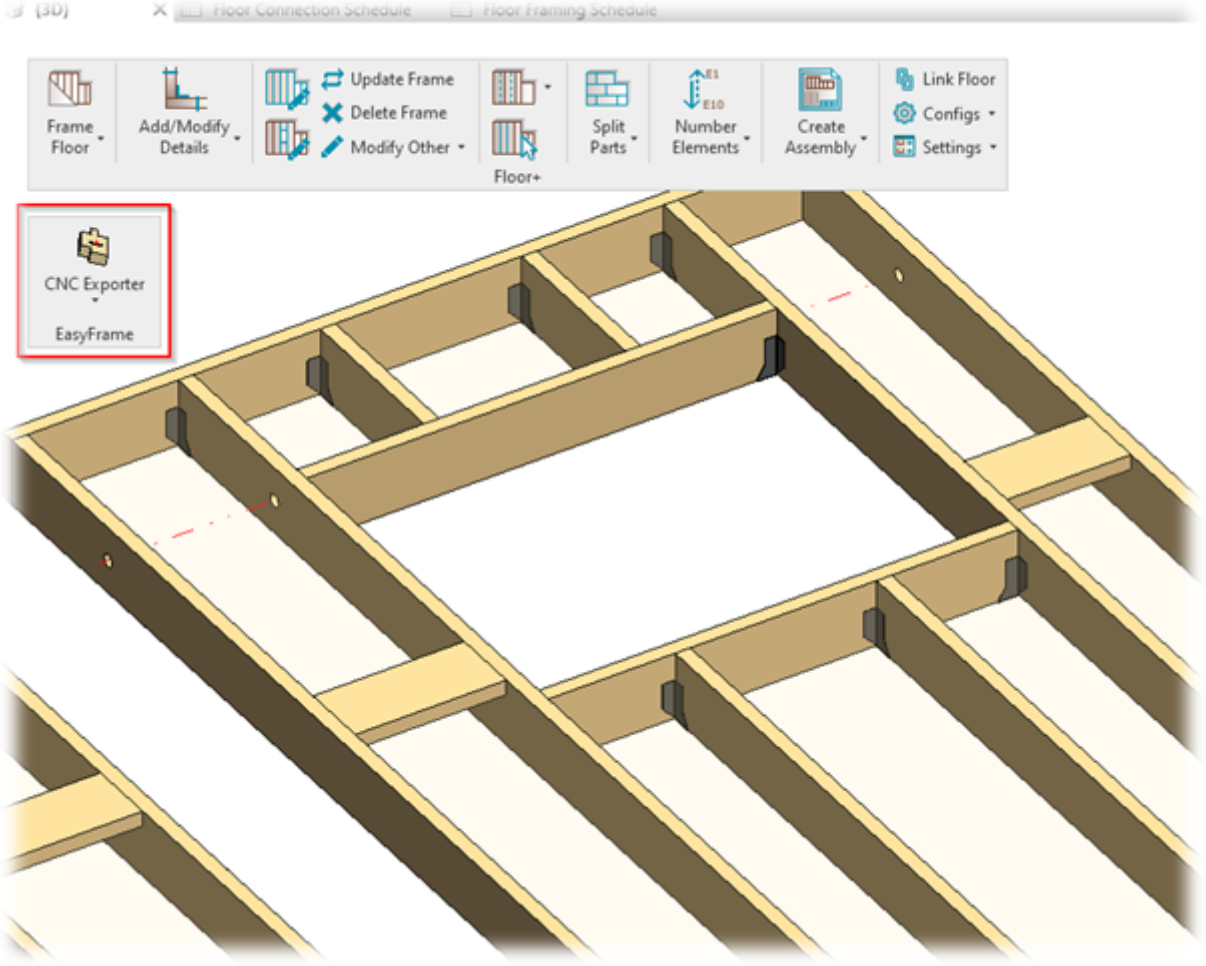
AGACAD's EasyFrame allows manufacturers of timber house frames to predefine rules for automated CNC machines, including naming and marking operations for every framing member – directly from Revit. Walls, floors, roof framing members, or individual framing elements can be exported using this application.

The **EasyFrame** must be used with **AGACAD Wood Framing Software** (https://agacad.com/products/bim-solutions/wood-framing-professional-suite), which creates the framing elements with all the necessary geometry and information data within the Revit project.

Below is an example of a floor frame created using **Wood Framing Floor** (https://agacad.com/products/bim-solutions/wood-framing-floor) and then exported to EstiFrame machine:



A EZF file is created with all information from the selected floor. This file can be now pushed to the CNC machine for production:

AGACAD-Hotel CNC.ezf

```
<?xml version="1.0"?>
<Batch xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Jobs>
    <Job>
      <JobName>AGACAD</JobName>
      <Bundles>
        <Bundle>
          <BundleName>AGACAD</BundleName>
          <BuildingComponents>
            <BuildingComponent>
              <ComponentName>AGACAD</ComponentName>
              <Parts>
                <Part>
                  <Material>Softwood, Lumber</Material>
                  <PartTypeName>RimJoist2</PartTypeName>
                  <PartId>F-3_6_7</PartId>
                  <Thickness>1.77</Thickness>
                  <Width>7.87</Width>
                  <BuildingComponentDepth>7.87</BuildingComponentDepth>
                  <FamilyTypeId>0</FamilyTypeId>
                  <ElevationPoints>
                    <PlotPoint>
                      <X>0</X>
                      <Y>210.83</Y>
                    </PlotPoint>
                    <PlotPoint>
                      <X>0</X>
                      <Y>212.6</Y>
                    </PlotPoint>
                    <PlotPoint>
                      <X>94.49</X>
                      <Y>212.6</Y>
```

The EZF file contains all needed operations and information for cutting and marking.