



## Heartwood **SmartScope**<sup>SM</sup>

### Asset Collection Guidelines

Congratulations! You are joining the ranks of some visionary organizations by deploying 3D Interactive Training – the true gold standard in learning. Our successful **SmartScope**<sup>SM</sup> guidelines enable our customers to collect the data critical for the estimating and development process.

### Guidelines

- Guideline 1 – Assets for **Scope Estimation** of Training Course.
  - a. Video or images of equipment
  - b. A description of the procedure in the lesson/course. If estimating multiple lessons/courses, send 3-4 packages of assets for the *average* lesson/course. Choose **one** or more of the following:
    1. Current course materials used in classroom
    2. Video of procedure performed on the equipment
    3. Technical manual (indicate which pages are relevant)
    4. Storyboard of course/lesson or procedure
  
- Guideline 2 – Assets for **Development** of Training Course.

Typically these are more detailed; we can provide best practices on how to assemble the assets.

  - a. Required:
    - i. Video and/or images of equipment
    - ii. Current course materials used in classroom
    - iii. Technical manual (indicate which pages are relevant)
  - b. Desired:
    - i. 3D models or 2D drawings of equipment, see page 2 for a list of compatible formats
    - ii. Video of procedure performed on the equipment
    - iii. Storyboard of course/lesson or procedure

This is not an exhaustive list for all training courses. A very unique training course may require more data and some additional assets may be 'required or desired' to save time and cost.

Ask us about our **SmartStart**<sup>SM</sup> service to make the asset collection process easier for you.

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### HEARTWOOD

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## Compatible file formats

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### Preferred non-CAD format

- Autodesk (\*.fbx)
- gw::OBJ-Importer (\*.obj)

### Preferred CAD format

- STEP (\*.stp, \*.step)
- IGES (\*.ige, \*.iges, \*.igs)

### Other compatible file formats

- 3D Studio Mesh (\*.3ds, \*.prj)
- Adobe Illustrator (\*.ai)
- Autodesk Packet File (\*.apf)
- ProEASM (\*.asm)
- Catia V5 (\*.catpart, \*.cgr, \*.catproduct)
- Autodesk Collada (\*.dae)
- LandXML/DEM/DDF (\*.dem, \*.xml, \*.ddf)
- AutoCAD Drawing (\*.dwg, \*.dxf)
- Legacy AutoCAD (\*.dwg)
- Flight Studio OpenFlight (\*.flt)
- Motion Analysis HTR File (\*.htr)
- Autodesk Inventor (\*.ipt, \*.iam)
- JT (\*.jt)
- Catia V4 (\*.model, \*.dlv4, \*.dlv3, \*.dlv, \*.exp, \*.session, \*.mdl)
- ProE (\*.prt)
- UG-NX (\*.prt)
- ACIS SAT (\*.sat)
- xNormal SBM Importer (\*.sbm)
- 3D Studio Shape (\*.shp)
- Google SketchUp (\*.skp)
- SolidWorks (\*.sldprt, \*.sldasm)
- StereoLitho (\*.stl)
- Motion Analysis TRC File (\*.trc)
- Autodesk Alias (\*.wire)
- VRML (\*.wrl, \*.wrz)

If your file format is not listed, please let us know which software you work with as we may be able to find an alternative file format that we can work with.

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