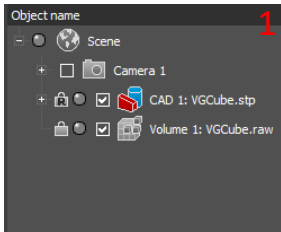


Measurements in a flow

VGSTUDIO MAX Working from Home—Metrology

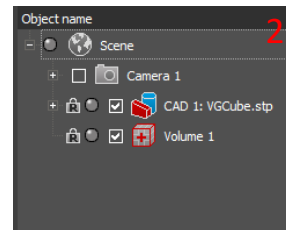


A collector's dream: Gathering data

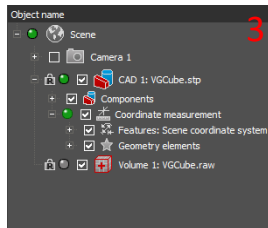
- Actual data: performed scan
- Nominal data: Scan standard or golden mesh (legacy parts and reverse engineering) / CAD (digital standard)

Nothing like good preparation: Set up volume

- Accurate GD&T requires advanced surface determination
- Registration:**
 - Best fit:** for a general comparison
 - Geometry-based: for local and functional alignment
 - Datum-based: for GD&T specified alignments



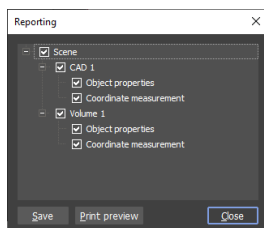
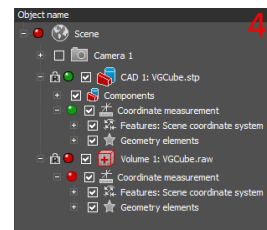
Design artist: Creating a measurement plan



- Define measurement plan including elements to be inspected and their tolerances, or use PMI and other definitions
- Translate measurement plan to the standard object by fitting geometries or importing PMI and applying inspection callouts (assign nominal values and tolerances)

One click away: Transfer measurement plan

- Copy or import measurement plan from CAD or model-based template to scan volume



Accountability: Reports

- Export your results using report formats
- Use CSV format for data export
- Save images for visual support

