

KEY QUESTIONS FOR A SUCCESSFUL SCANNING PROCESS

CHECKLIST AND WORKSHEET

Scan Budget and Timeline

- ☐ What is the allocated budget for the scanning project? _____
- ☐ What is the desired timeline for completion? _____

Site Layout and Coordinates

- ☐ Do you have a 2D or 3D layout of the installation? _____
- ☐ Is there an existing coordinate system in place? If not, do you need one installed (georeference or arbitrary)? _____

Anticipated Work and Scope

- ☐ Do you anticipate any construction work, engineering, or revamp in the future? _____
- ☐ If yes, what is the scope of the work to be done? _____

Existing Data and Documentation

- ☐ Do you have any scan datasets of the site? _____
- ☐ Do you have photographs or videos of the premises? _____

Activity Shutdown and Equipment

- ☐ Is there a planned shutdown or cessation of activity? _____
- ☐ If so, will there be any activity during that time? Will there be scaffolding or other equipment mobilized on-site? _____

Primary Goal of the Scan

- ☐ Is the primary goal mechanical detailing, general layout/BIM modeling, high-fidelity meshing, monitoring, or change detection? _____
- ☐ Do you require RGB photos for color and texture for detailed engineering design use cases such as defining subsystems, checking and assembling parts, finalizing individual components, and conducting technical calculations? _____

Scan Precision and Density

- ☐ What level of precision is required for the scan? _____
- ☐ What is the smallest object that needs to be captured in the point cloud? _____
- ☐ What is the approximate scan surface area in square feet/meters squared? _____
- ☐ Is the space occupied or unoccupied? _____
- ☐ What types of doors are present? _____
- ☐ Is the space finished, under construction, or scheduled for demolition? _____
- ☐ How many floors are there? _____

Safety and Environmental Concerns

- ☐ Does the site contain confined spaces or restricted zones? _____
- ☐ Are there any radiation hazards? _____
- ☐ Are there people on-site or in sensitive environments? _____
- ☐ Are there hazardous zones such as silica, ammonia, or asbestos? _____
- ☐ Are there special requirements for personal protective equipment (PPE)? _____
- ☐ Is training required for the scanning team? _____

Notes

Prevu3D works with a global network
of scanning experts

**Contact us to help you get started
on your scanning journey** 