

# Solution Overview



## Advance

Includes everything required for most sites to add value and productivity gains: capture survey grade data, verify works, provide a full as-build record, support remote project management and onsite delivery.

## Advance+

Includes indoor surveys for Control, GIS, SVC, HVDC buildings for virtual touring and complete project capture.

	Advance	Advance+
<b>Data Collection &amp; Processing</b>		
<b>Drone Survey</b> Conduct multiple flights onsite to acquire data set	x	x
<b>GNSS RTK Calibration</b> for survey grade accuracy with control points	x	x
<b>Processing Offsite</b> Data processed and uploaded platform by next day	x	x
<b>Internal Building Survey</b> with 360 camera virtual walkthrough		x
<b>Users</b>		
<b>View &amp; Annotate</b> Explore the 2D Map and 3D Model, Media and Annotate.	Unlimited	Unlimited
<b>External Features</b>		
<b>Progress photos</b> Dynamic shots of feature works in progress	x	x
<b>Video</b> Site overview video tour	x	x
<b>Panorama 360's</b> Interactive 360 recording of key areas of site	x	x
<b>2D Map (Orthomosaic)</b> Explore the high resolution 2D aerial map of your site	x	x
<b>3D Model (Digital Twin)</b> Explore the interactive 3D Model as if were onsite	x	x
<b>Measure &amp; Annotate</b> Undertake measurements directly on the map. Linear, volume, area to assist in re-measures, invoice applications & site management.	x	x
<b>Progress curtains</b> Compare against previous dataset with side by side swipes	x	x
<b>Timelapse Video</b> Available on project completion	x	x
<b>Elevation &amp; Contours</b> View elevation and contours, and monitor platform cut/ fill progress	x	x
<b>Inspect &amp; Tag Issues</b> Inspect and tag issues such as defects for further investigation	x	x
<b>Stockpile Volumes</b> Report of all stockpile volumes onsite	x	x
<b>Design Drawings overlay</b> Overlay GA's, Drainage, Ducting & FRC design files for QC checks and progress reviews against live progress onsite	x	x
<b>Environmental &amp; Safety Exclusion Overlays</b> Visibly brief teams on exclusion zones against real site conditions	x	x
<b>Work Area Overlay</b> Optimise SIMOPS, setting to work & laydown planning	x	x
<b>Export Files</b> File types suitable for AUTOCAD/ BIM 4D model comparisons	x	x
<b>Cut/ Fill Earthworks Progress</b> Report of volume m3 movement progress in the period	Optional	Optional
<b>Internal Features</b>		
<b>360 walkthrough virtual tours</b> Virtual tour and interactive walk through indoor areas		x
<b>Floorplan overlay</b> Overlay building floor plans to view location of the walkthrough		x

Bespoke solutions available for individual requirements.

Volume discounts available on company portfolios/ multi project frameworks when partnering with MESAdvance™.