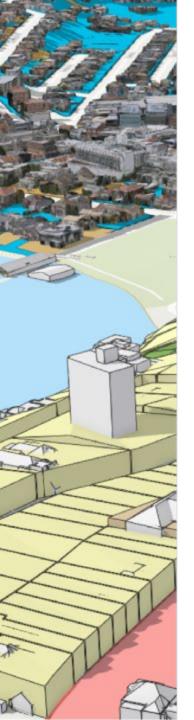
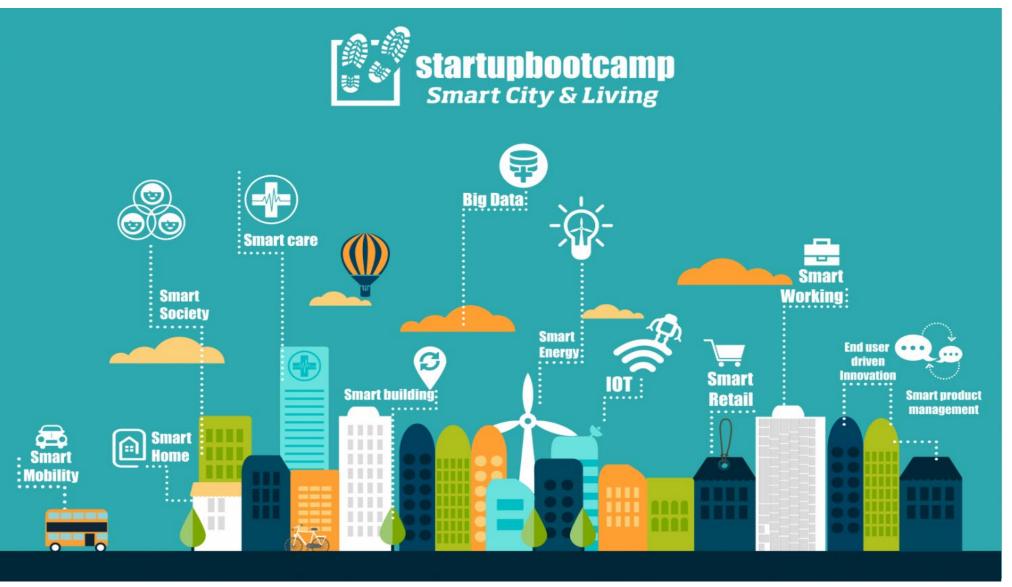


Spatial Digital Twins ... enabling the Smart City



Spatial Digital Twins enable a Smart City





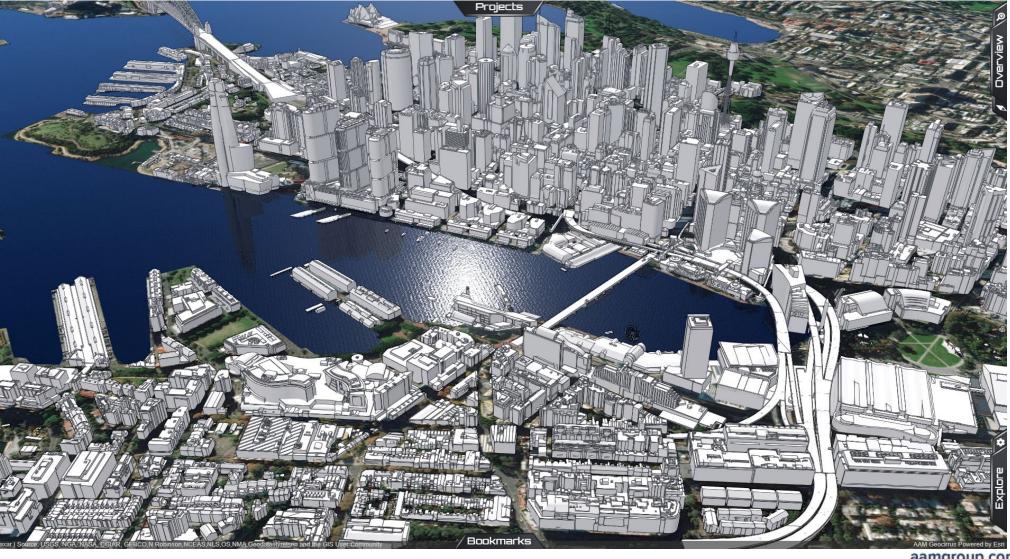
"HD3D Geospatial data are the building blocks of a Smart City"

aamgroup.com



3D Building Models

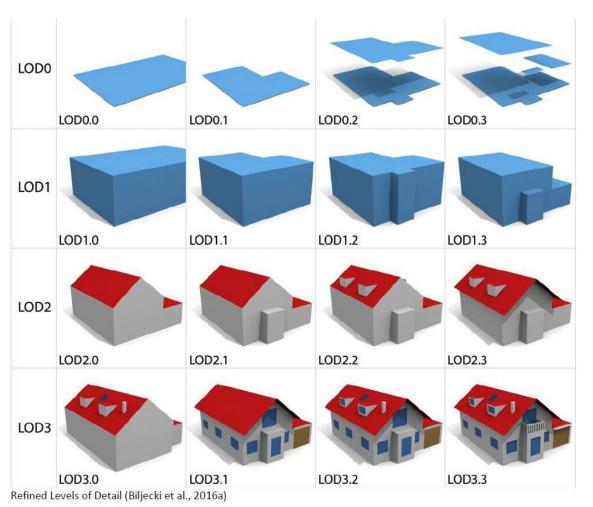






Object Models with high Levels of Detail (LOD)



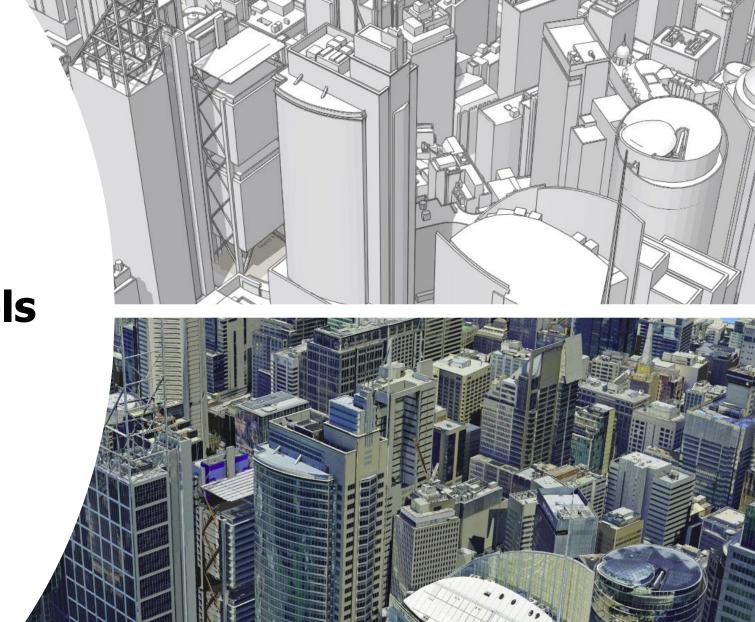




City GML v3 – 3D modelling Standards - Open Geospatial Consortium (OGC)



LOD3 Building Models





AI for 3D Models



2D Footprint Detection – the 'easy' part





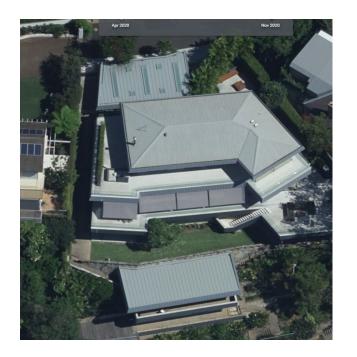






LOD2 procedural building models (AAM/Blackshark)

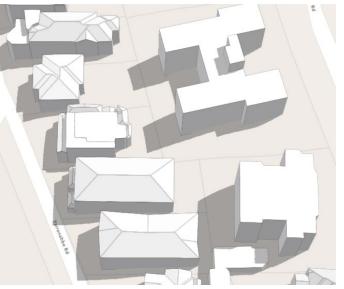










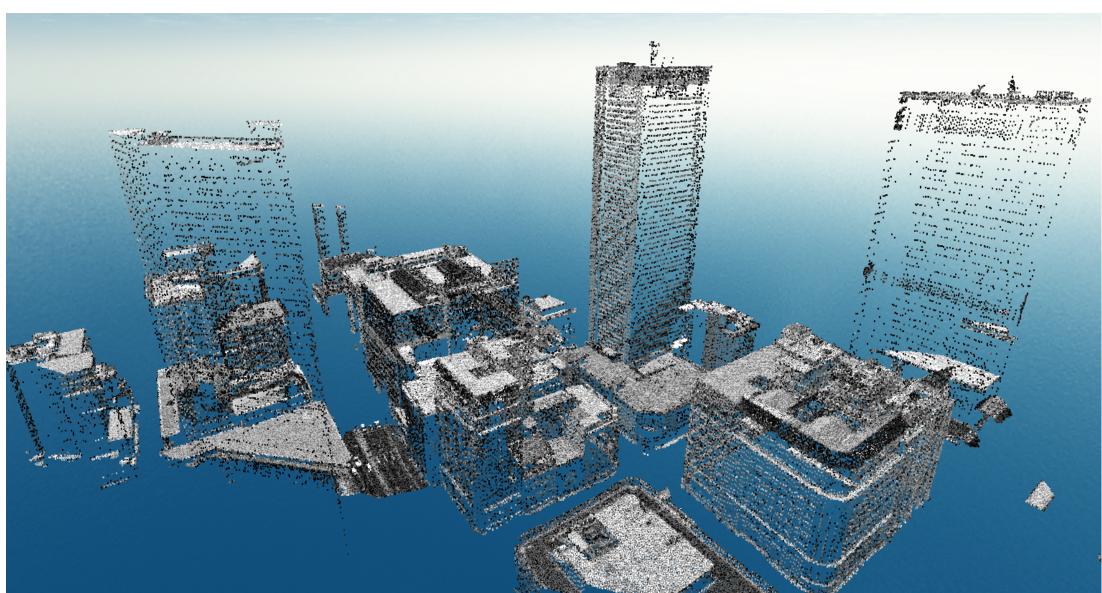


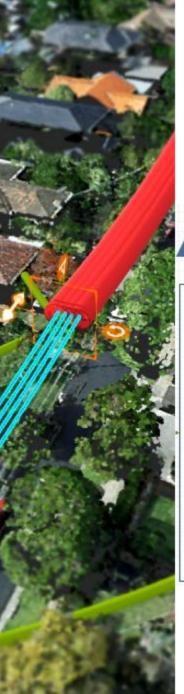


Aerial LiDAR



High point densities of 8 to 20 points per square metre ... producing huge datasets.

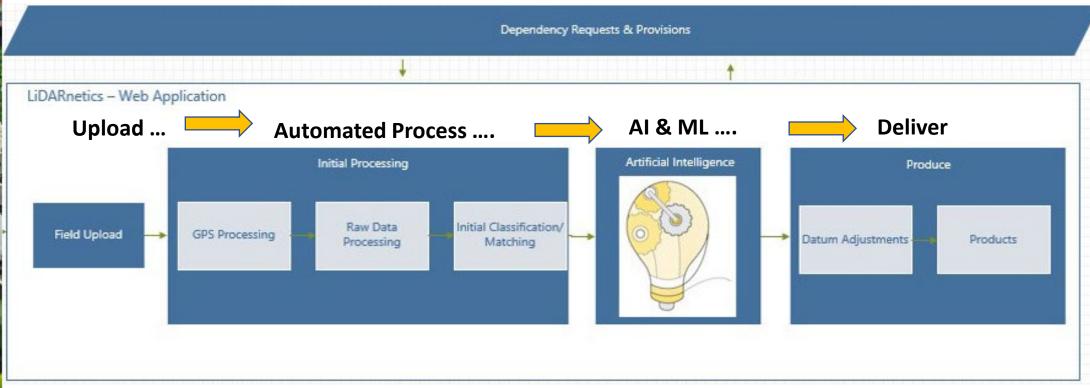




LiDARnetics



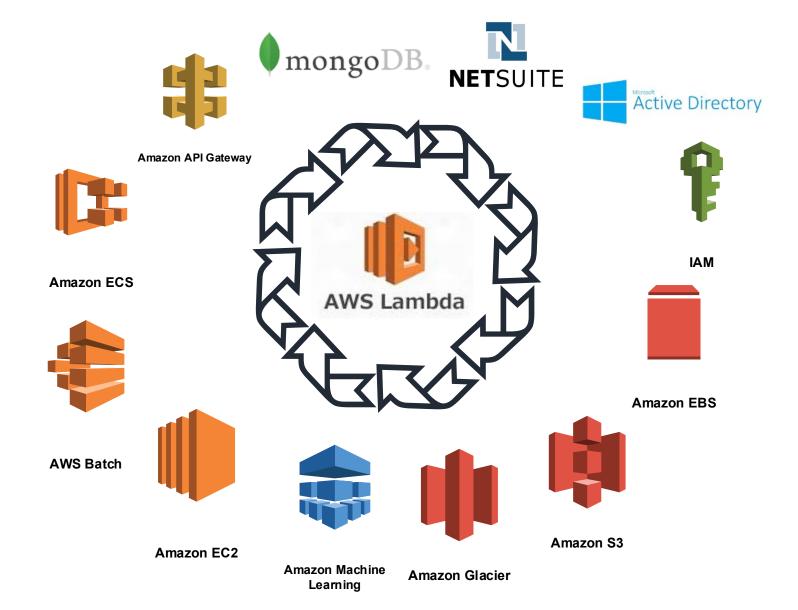
A *single web application portal* for the *entire LiDAR workflow* from field data acquisition to client deliverables





LiDARnetics







Thank you



Chris Tanner

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