



Silver Link Trading LLC

3D SCANNING SERVICES

"The experts in 3D laser scanning and point cloud processing"

ABOUT US

We are a professional surveying company with a primary focus on 3D laser scanning. Based in Muscat, with offices throughout Sultanate of Oman, we operate worldwide with vast experience over a diverse range of services. We offer wide a range of point cloud related products such as 2D documentation, 3D models, Building Information Models (BIM), and PDMS models.

Our products and services are suitable for industrial sites, offshore installations and vessels, architecture, heritage and large scale urban regeneration projects.

We employ around 12 highly-skilled CAD engineers which allows us to process all our data in house. Much of our point cloud processing is completed utilizing Bentley Systems Software (Microstation, Bentley Descartes, and Bentley Pointools).

We also work in AutoDesk and Revit. We develop our own custom, standalone software solutions that help optimize point cloud processing, a number of which have been implemented within our clients own workflows.

We use the latest laser scanners: Faro 3 D Scanners and Total stations for control measurement.

The security and confidentiality of our client's data is paramount within our working practices.



OUR SERVICES

Tower Verification

Tower Verification is done for a number of reasons and the detailed work involved depends on what is required by the customer.

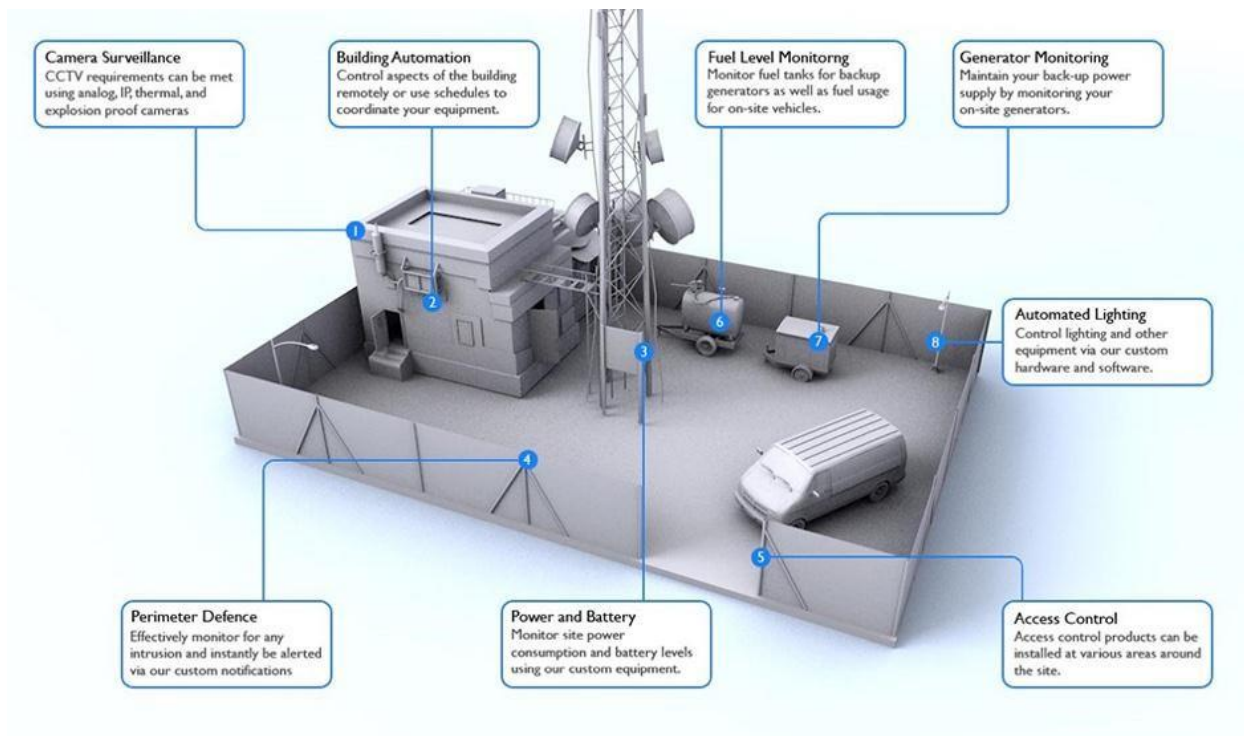
Different stakeholders will require different levels of investigation – reports.

Tower Verification audits can be required by:

1. people buying towers
2. people selling towers
3. people owning and operating towers

Scope of the work could cover:

1. Base Units
2. Towers
3. Both Base Units & Towers



The information needed from the report will determine the amount of work carried out.

Attached is document setting down Industry Standard Specifications for a complete Tower Audit.

Whatever work is done it needs experienced technical staff to physically attend each location.



Usually photographs are required and staff will be expected to climb Towers up to 80 meters in height.

The biggest problem area both for safety issues and accuracy of results is climbing towers in order to record measurements and details. This is usually done in the region under extreme weather conditions and the results of the audit cannot be checked without another person climbing and carrying out the same measurements / observations.

Other problems specific for the region include the vast distances needing to be covered to carry out the audits in mountainous and desert areas.

INDUSTRIAL APPLICATIONS

SLT 3 D Scanning Services produce as-built surveys and clash detection analysis for a range of industrial applications from Power Stations to Oil installations. Utilizing point cloud data as a basis, we can provide a bespoke product to suit your particular need. Whether it be 3D CAD based (DWG, DGN etc.) or intelligent PDMS databases and models, our team will work with you to provide a solution to your unique requirements.



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PROPERTY DEVELOPMENT

SLT 3 D Scanning Services offer a range of building measurement services. Utilizing highly accurate 3D point cloud information as a base we can produce a diverse range of products including Building Information Models (BIM), typically delivered in Revit (AECOSim & ArchiCAD available), 3D CAD models, 2D floor plans, Sections and Elevations. Point clouds and panoramic images can also be specified as deliverables. Our team will work with you to develop your scope and deliver the right product for you.



HERITAGE

Utilizing our extensive experience SLT 3 D Scanning Services provide highly accurate documentation for the recording of heritage sites. As well as 2D or 3D CAD deliverables we can also supply a range of photographic or scan based deliverables from panoramic imagery, virtual tours and walkthroughs to high resolution orthoimages.



FARO[®]



URBAN PLANNING

3D laser scanning can be utilised to capture large urban areas. The point cloud information can then be used to support your planning and design needs. Products include: 2D or 3D topographical surveys. 3D modelling for Rights of Light analysis. 2D or 3D models for the production of contextual elevations.



FARO[®]



OFFSHORE

We offer as-built surveys for offshore installations (oil rigs) and vessels.

DIGITAL PLANT

We offer services for plant operators and managers of digitizing their assets and optimizing processes in terms of management, use of resources and safety. Depending on the current state of documentation, experience, software packages and budget, we customize or offer to cater client special needs.

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