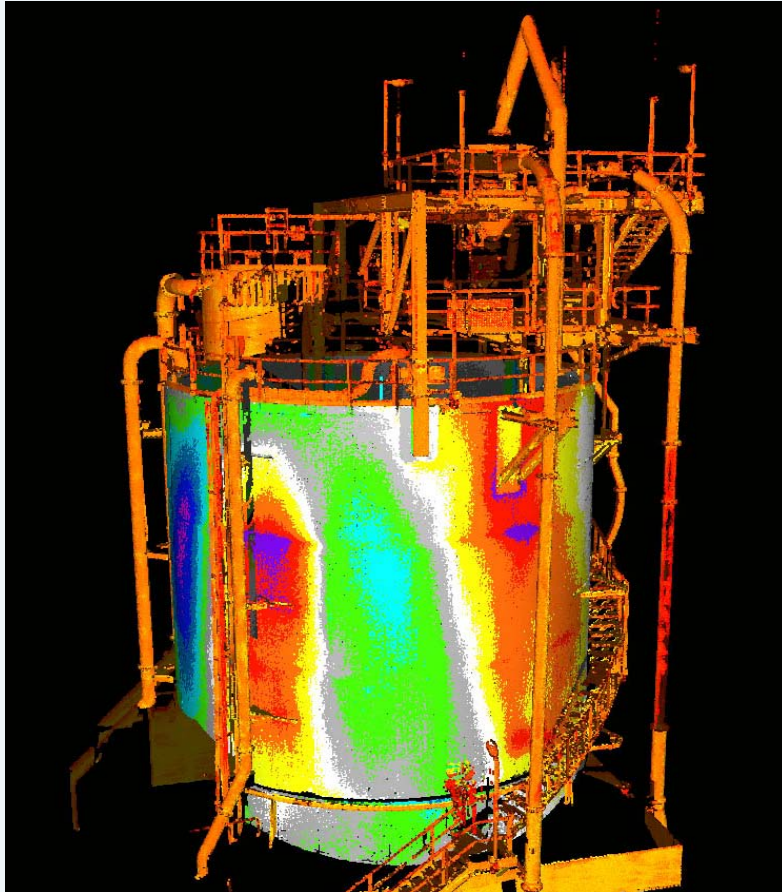


Deformation Scanning

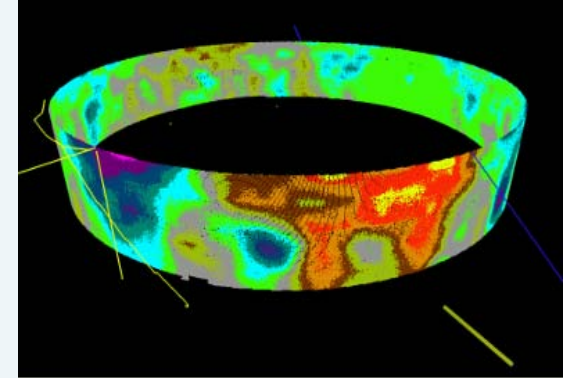
A new way to look at the world

- The benefit of scanning is its capability to reveal the real world and not some dated design plan that may or may not have some as constructed data scribbled across the original drawings.
- As an extension to the As Constructed data we can provide reports that quickly reveal differences to the original design or required orientation of an object.
- This technology lends itself to unlimited applications from levels on high precision plant floors to tanks or irregular shaped objects

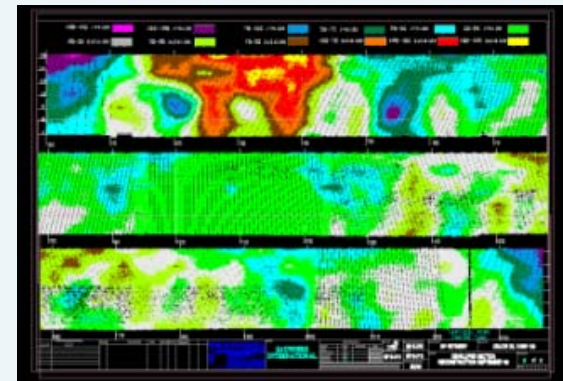
Tank Deformation Surveys



Isopach showing deformation of tank



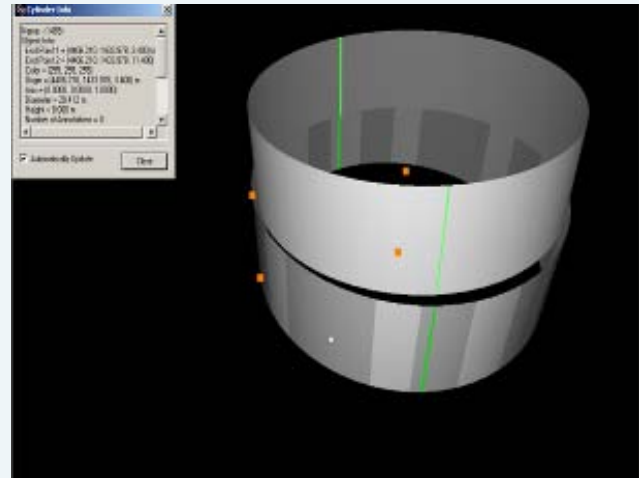
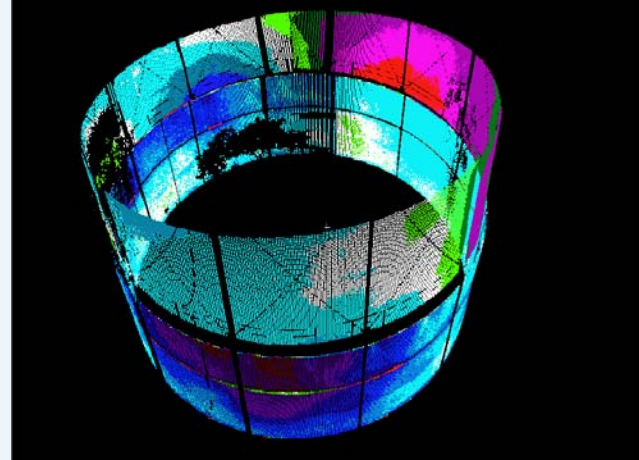
Presentation of a crude oil tank in 3D



2D 'derolled' projection of oil tank

Disaster Zone - Collapsed Tank

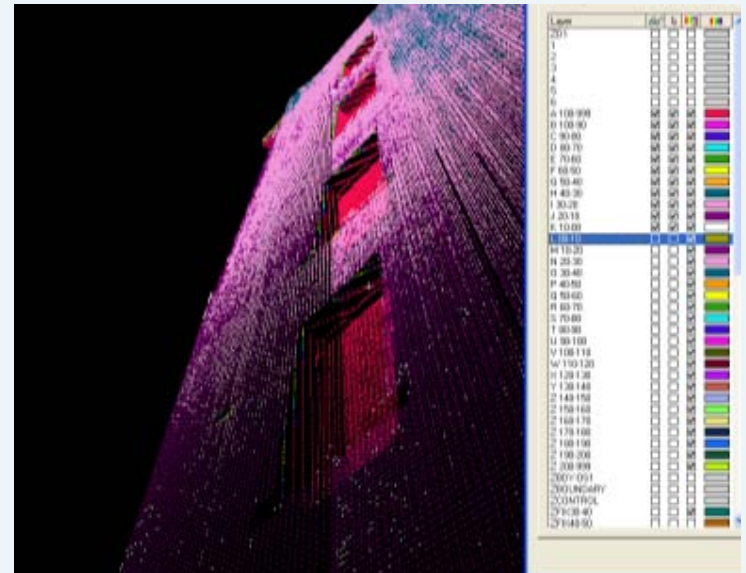
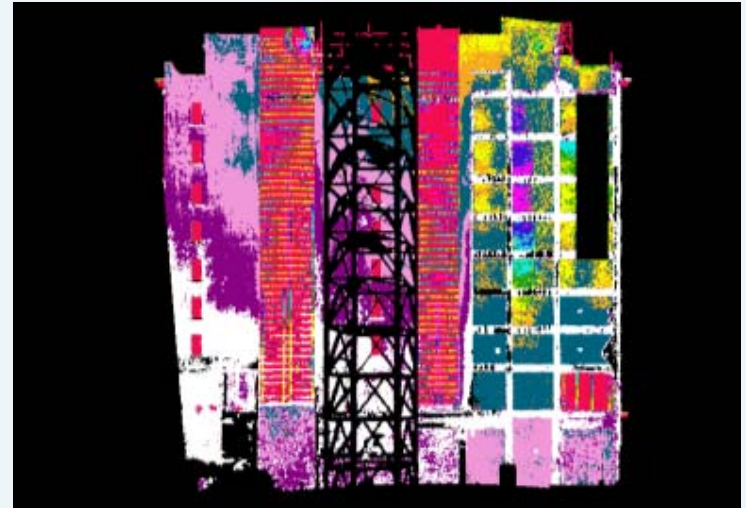
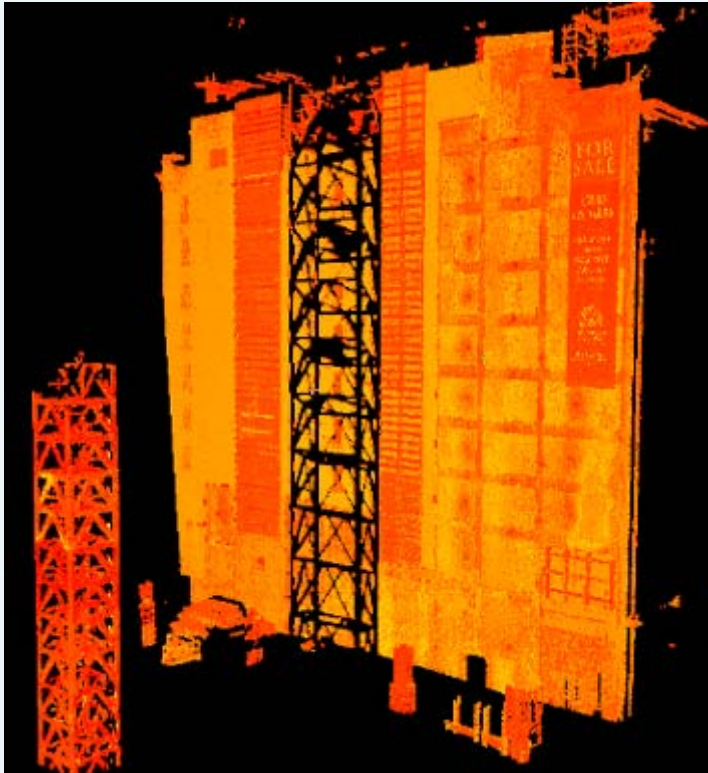
Accurate report without physical contact required



Building Encroachment

New Cladding encroaches on boundary

An Isopach quickly reveals clearances to 10mm interval without access to site.

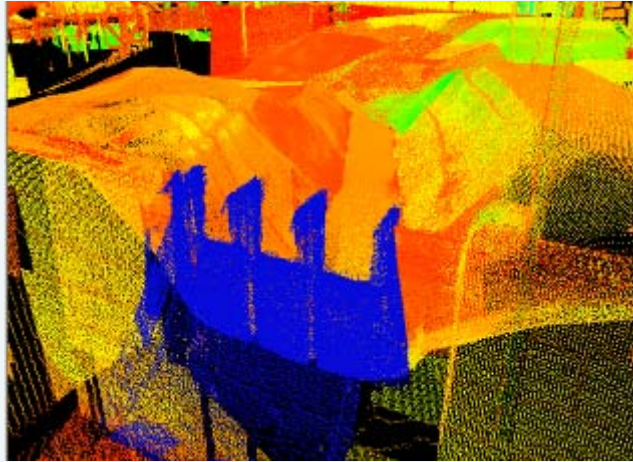


Model Analysis

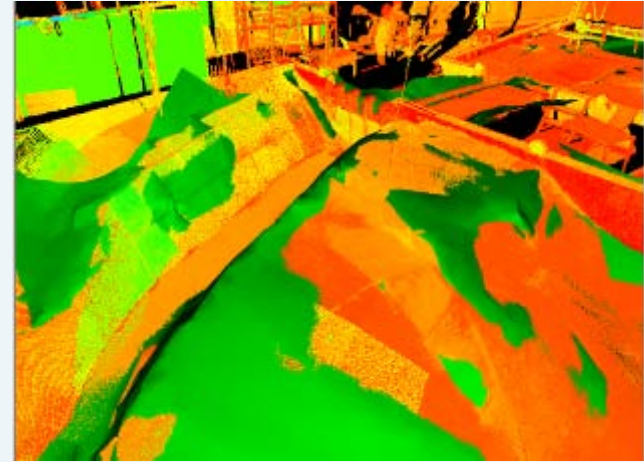
Verify 1:70 Scale Model of Dam for hydraulic analysis



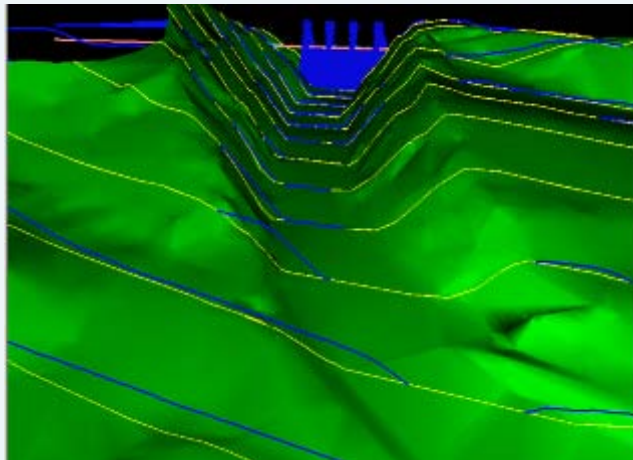
Model Analysis



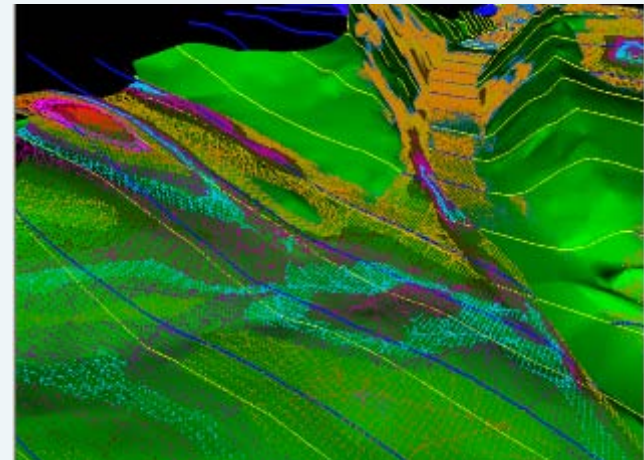
Scan of model



Design mesh and scan of model overlay



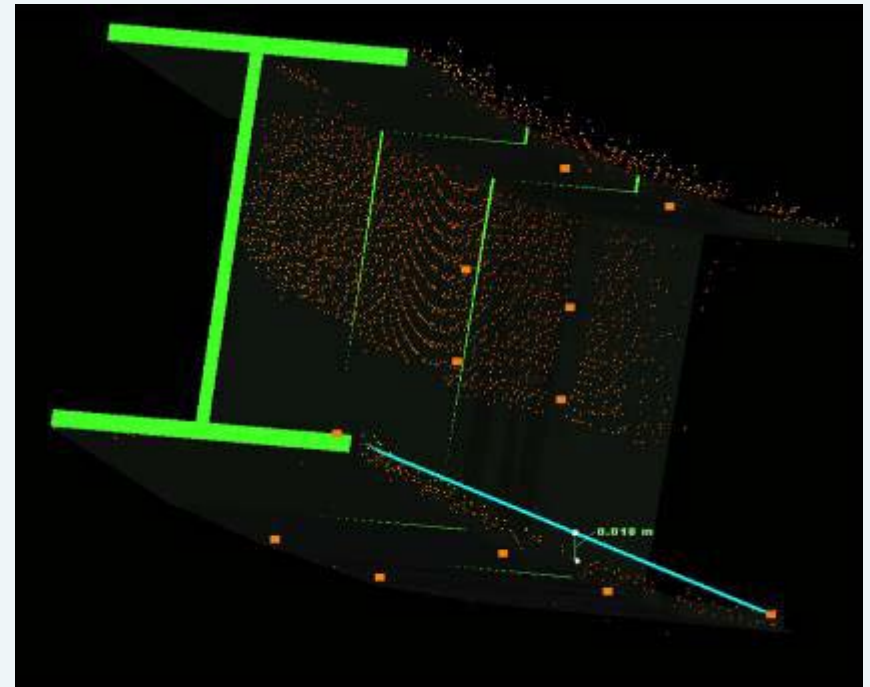
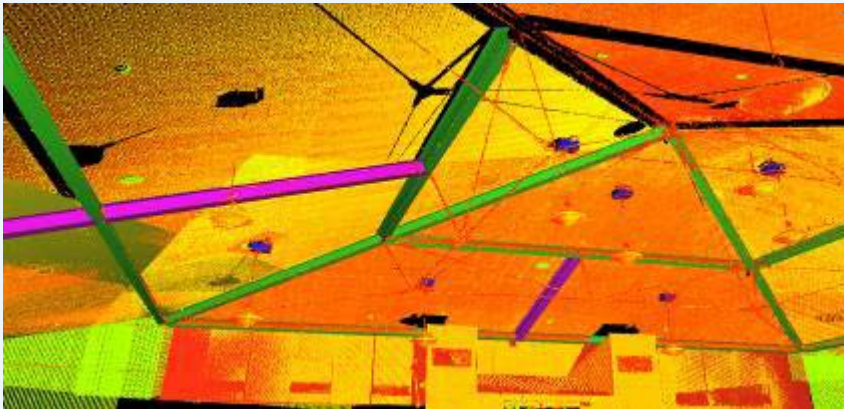
Sections used to display results



Isopachs used to display results

Ceiling Superstructure

Modelled Beam showing deformation of beam



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