

FACT SHEET

2D & 3D MODELING SERVICES

Create / update field asset drawings (ISOs, P&IDs, 3D Models) from laser scan as-built data and legacy drawings

Produce intelligent 3D hybrid CAD / scan environments by linking of asset information directly to any location within the point cloud.



3D scan of a process plant along with imported CAD objects (image is scanned data — not a photograph)

2D & 3D Modeling Services

Intertek's 2D & 3D modeling services provide point cloud intelligent data that delivers accurate, as-built conditions with minimal trips to the site.

Additionally, customers can not only track and manage assets which helps ensure regulatory compliance, but also receive vital information regarding clash detection which identifies costly integration mistakes before they happen.

This data is critical when managing the entire life cycle of assets or projects and offers unprecedented gains for clients working in many industries such as oil and gas, shipbuilding, renewable energy, refining, petrochemical, nuclear, manufacturing, and aerospace.

Software Packages

Our complete line of 2D & 3D modeling services is extended through a variety of software packages supported by expert users providing support from initial design and installation to inspection, revamp and asset management.

Laser Scanning & Surveying

With our extensive experience in laser scanning and surveying, we identify and recommend cost-effective solutions to suit all your project needs. We can also create 3D CAD models from laser scanning and surveyed points or 2D detail drawings.

We support 2D creation or verification by laser scanning, survey or walk down. In addition, we have the ability to create digital files from your historical information including hand-drawn drawings.

Building Information Modeling (BIM)

Intertek also offers Building Information Modelling (BIM) which is one of the most promising recent developments in the architecture, engineering and construction (AEC) industry. BIM helps reduce project costs and delivery time, increases productivity and quality, construction cost control and predictability, and the potential for building lifecycle management.

FOR MORE INFORMATION

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 intertek.com/industrial/surveying-services