CX OBSERVER

3D VISUALISATION & INSPECTION SOFTWARE

CX OBSERVER is a powerful integrity inspection application that combines colour point cloud and UHD imagery in an intuitive 3D spatial visualisation environment. It allows for collaborative inspection, reporting and sharing findings of subsea structures with ease.

For more information our CX OBSERVER visit our website**.**

3D VISUALISATION

Easy to use 3D spatial and visual environment allows for navigation around the model. Visualise and detect small changes on subsea assets quickly.
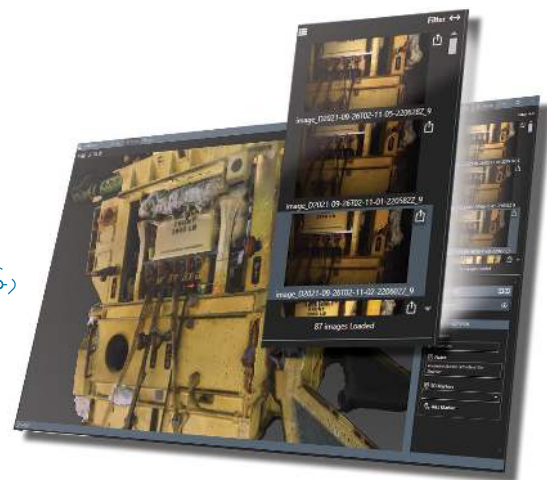
CX OBSERVER

MEASUREMENT

Extract accurate and reliable measurements from the Cathx 3D Visual Twin enabling quick and informed decision making.

MULTIPLE PERSPECTIVES

A carousel of thumbnails showing multiple views for each 3D point opens when a point is selected. UHD images with pixel feature size of 1mm for that point display in a separate window.

FINE DETAIL

Zoom in and inspect in fine detail with mm level pixels and no motion blur. Create visual markers to highlight areas of interest to cataloguing anomalies or essential observations.

REPORTING

Simple reports such as CSV and PDF files can be exported. Integrates with third-party integrity management software.

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UPTIME

Identify anomalies and defects early reducing downtime risk.

REDUCES OPERATIONAL COSTS

Reduce the requirement for Data Processors by using CX Observer.

REDUCES HSE RISK

Asset inspection can be moved onshore, reducing the amount of personnel required offshore.

CX OBSERVER TECHNICAL SPECIFICATIONS

CX OBSERVER SYSTEM CAPABILITIES

3D Colour Point Cloud		Up to 5GB dataset per structure
UHD Imagery	JPG	Up to 20,000 images per structure
Reporting	PDF	3D Overview
		Images
		Point Cloud
		Annotations
Compatability		Integrates with third-party integrity management software.

HARDWARE REQUIREMENTS

Computer / Processer		Intel® Core i5 or AMD FX 8 Core Series
Memory	RAM	16GB
	Hard Disk Space	500GB SSD (Solid State Drive)
Display		XGA (1024 x 768 pixels) or higher resolution monitor with 32 bit colour settings
Input Device		Keyboard and mouse or compatible pointing device
Internet Connection		Network using 10 Mbps or higher speed network adapter and/or WLAN

SOFTWARE REQUIREMENTS

Operating System	Windows 10 Professional or Home (either 32 bit or 64 bit)	For security reasons, an operating system service pack is required. The OS is updated through enabled Windows update function.

To find out more about CX OBSERVER, contact us using the details provided.

Specifications and design are subject to change without notice.

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