JetSoft
Data Solutions for NDT

TRACER
CAPTURING VITAL DATA FROM MANUAL PROCESSES

INTRO

Tracer is a software solution for capturing detailed information from manual manufacturing processes. Existing data-capture practices often rely on operators' notes, stored in disparate spreadsheets or even paper records. This makes data difficult to access and compile, and detailed analysis is impractical at best. With Tracer, capturing uniform, accessible data is simple. An intuitive user interface provides simple tools to accurately record data on a 3D model, with automated report generation.

As part of the OverSeer framework, data is stored centrally, enabling further analysis to identify trends and insight, driving continuous improvement and increased productivity.

KEY FEATURES & BENEFITS

- Draw and annotate regions of interest on an interactive 3D model. Stored in OverSeer's database, which can be recalled and viewed at any time.

- Streamline report creation with bespoke forms tailored to business needs.

- Upload and link associated files to an inspection, keeping all information in one place, reducing time searching for and managing information.

- Improved traceability to previously isolated processes, a key directive in the aerospace supply chain.

- Suitable for many manual processes, and ideal for Ultrasonic A-Scan (UT), Dye Penetrant (DPI), Magnetic Particle (MPI).

- Capture valuable information that would otherwise be lost and use to derive unique insight. e.g. JetSoft's 3D defect heatmap will highlight and quantify problem areas.

- Zero client install, allowing users to operate from any networked location, centralising software, reducing demand on the IT department and removing the need for bespoke hardware.

- Seamlessly integrates with JetSoft's OverSeer data management system.

- Open database format allows data to be integrated into third party applications, such as MES or PLM systems, integrating NDT data into the digital manufacturing environment.

TRACER INTERFACE

UPLOAD 3D MODEL INTO TRACER SOFTWARE

PERFORM INSPECTION OF COMPONENT

USE TRACER SOFTWARE TO MARK DEFECTS & COMPILE DATA

DATA STORED IN DATABASE FOR VIEWING & RETRIEVAL AT ANY TIME

AUTO-GENERATE PDF REPORTS

INSPECTION DETAILS & PART INFORMATION

3D VIEWER WINDOW

TRACER TOOLS PANEL

SCREENSHOT OF THE TRACER INTERFACE, ALLOWING THE USER TO ACCURATELY RECORD DATA ON A 3D MODEL PART.

DEFECT OVERVIEW & DETAILS

ANNOTATION INPUT WINDOW

ABILITY TO COMPILE DATA FROM MULTIPLE INSPECTIONS IS ONE OF THE MAJOR BENEFITS