



MASTERAIR

**“THE MACHINES DO THE WORK,
HUMANS DO THE ART”**

AIM | RAID | REALITY HUGG | VIZZ

RESHAPING INDUSTRIAL INSPECTION & ASSET INTEGRITY



**TRUSTED BY INDUSTRY PROFESSIONALS
ACROSS OIL & GAS AND ENERGY**



**“THE MACHINES DO THE WORK,
HUMANS DO THE ART”**

CONTENTS

AIM

PROFILE RT INTEPRETATION

RAID

RTR DEFECT DETECTION

REALITY

3D PAUT ANALYSIS

HUGG

VERTICAL PAUT CRAWLER

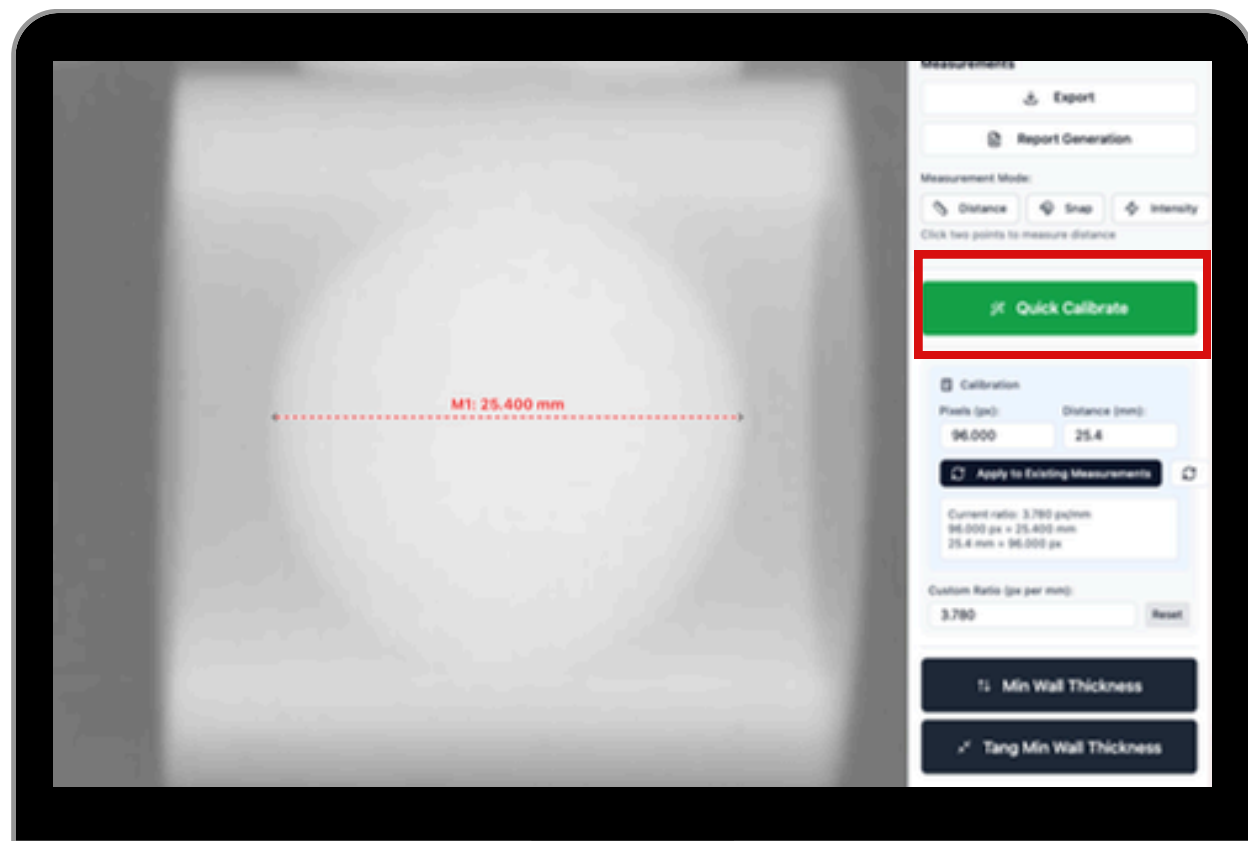
VIZZ

360° VISUAL CRAWLER

MASTERAIM

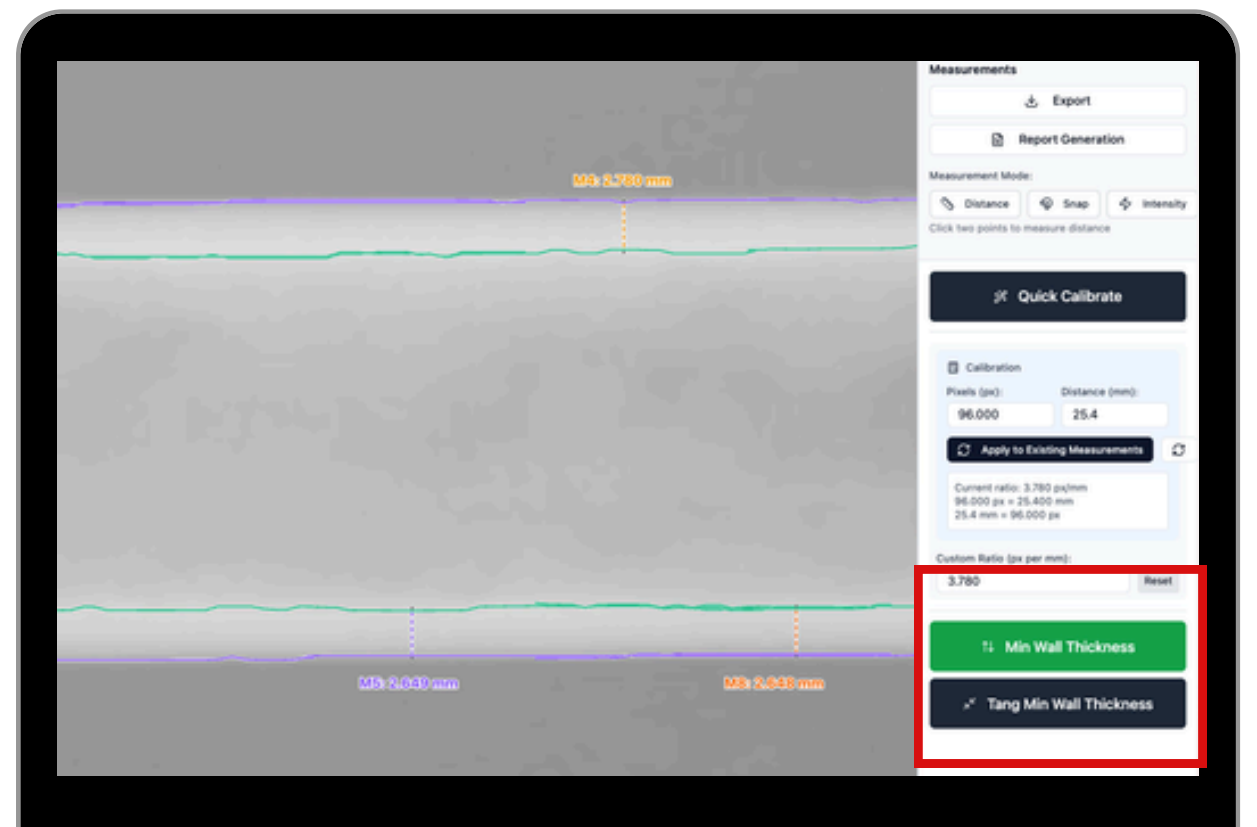
Ditch the old ruler, film, and light-box.

MasterAIM powers your superior digital radiographic workflow



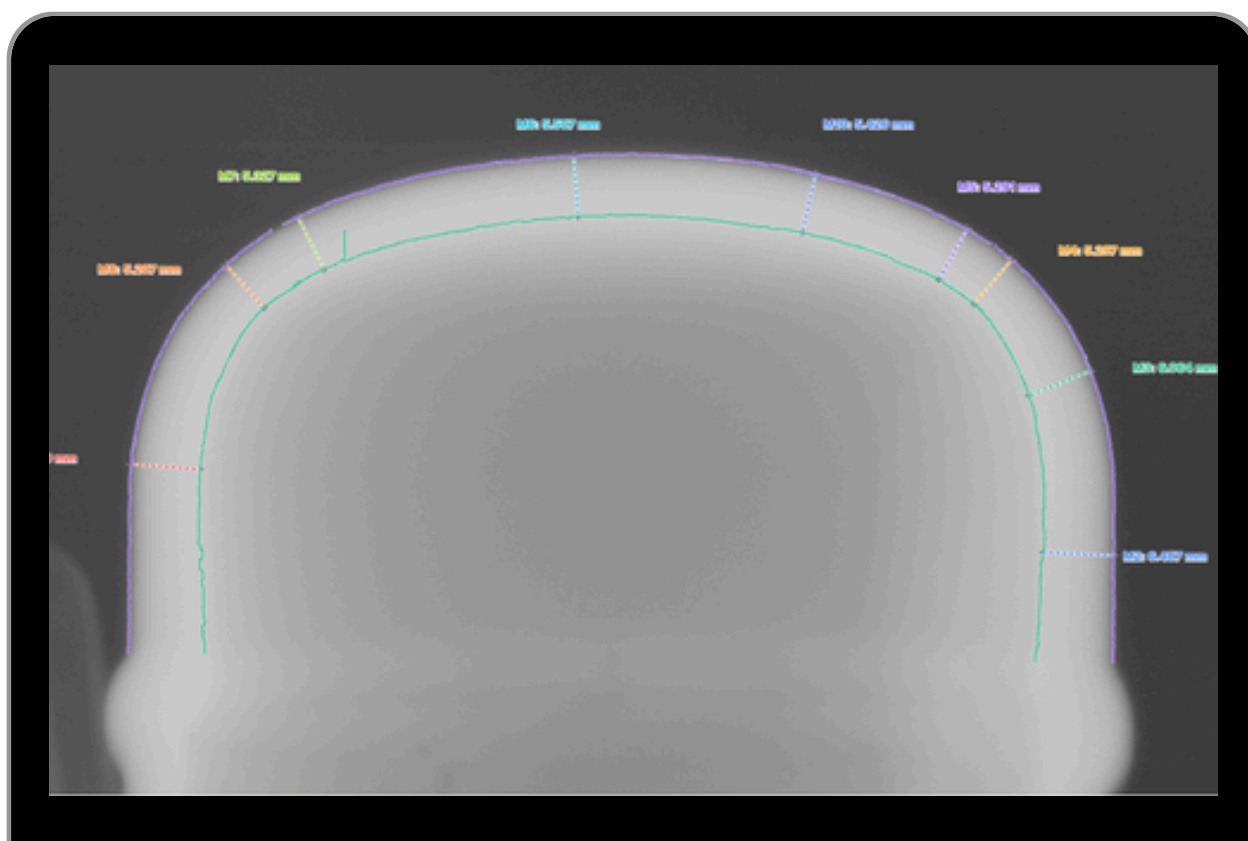
QUICK CALIBRATION

INSTANTLY CONVERT PIXEL DATA TO REAL-WORLD UNITS WITH A KNOWN REFERENCE FOR CONSISTENT MEASUREMENTS.



WALL LOSS DETECTION

AUTOMATE ACCURATE WALL THICKNESS MEASUREMENTS, WHETHER ON STRAIGHT OR CURVED PIPE SEGMENTS.



REPEATABILITY & CONSISTENCY

ENSURES CONSISTENT RESULTS FOR REPEATED MEASUREMENTS WITH A **FIRST CLASS RELIABILITY SCORE (ICC) OF 0.851.**



CLOUD-BASED SECURE WORKFLOW

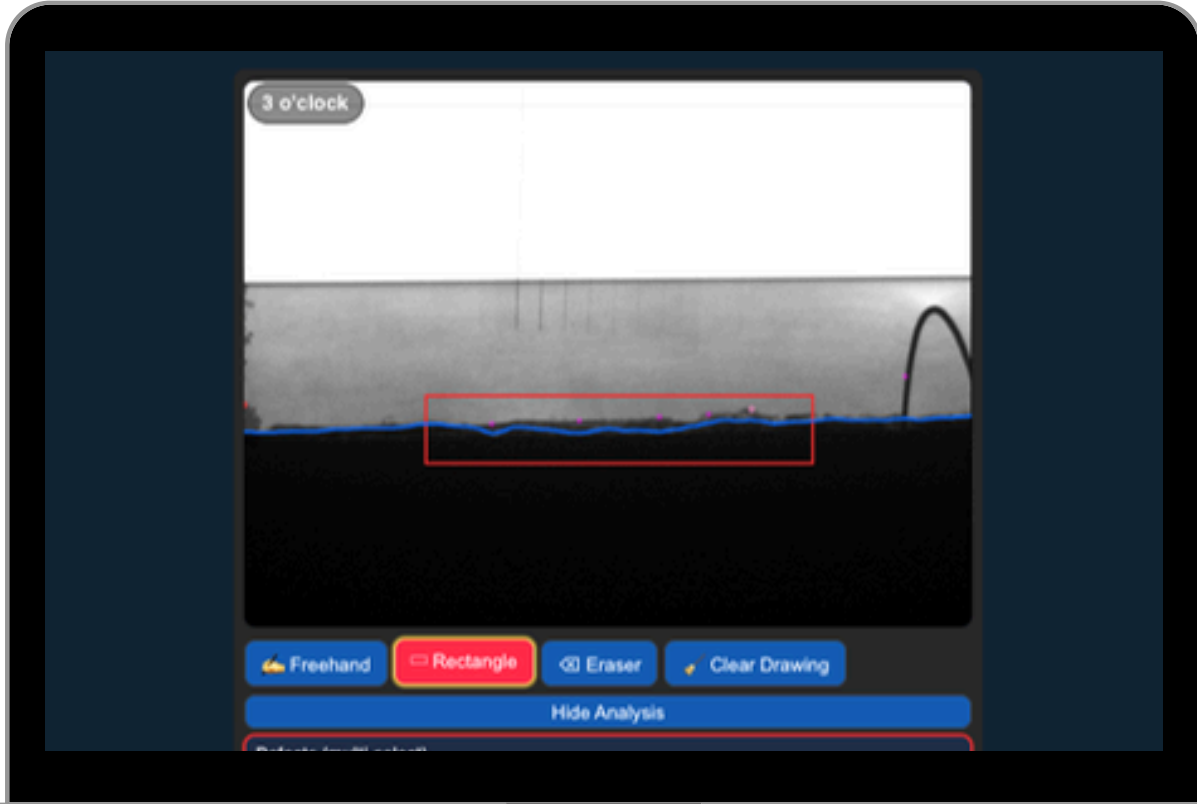
INTERPRET INSPECTION DATA SECURELY IN THE CLOUD FOR CONSISTENT AND TRACEABLE WORKFLOWS.

UPGRADE TO

FIRST CLASS RELIABILITY TODAY

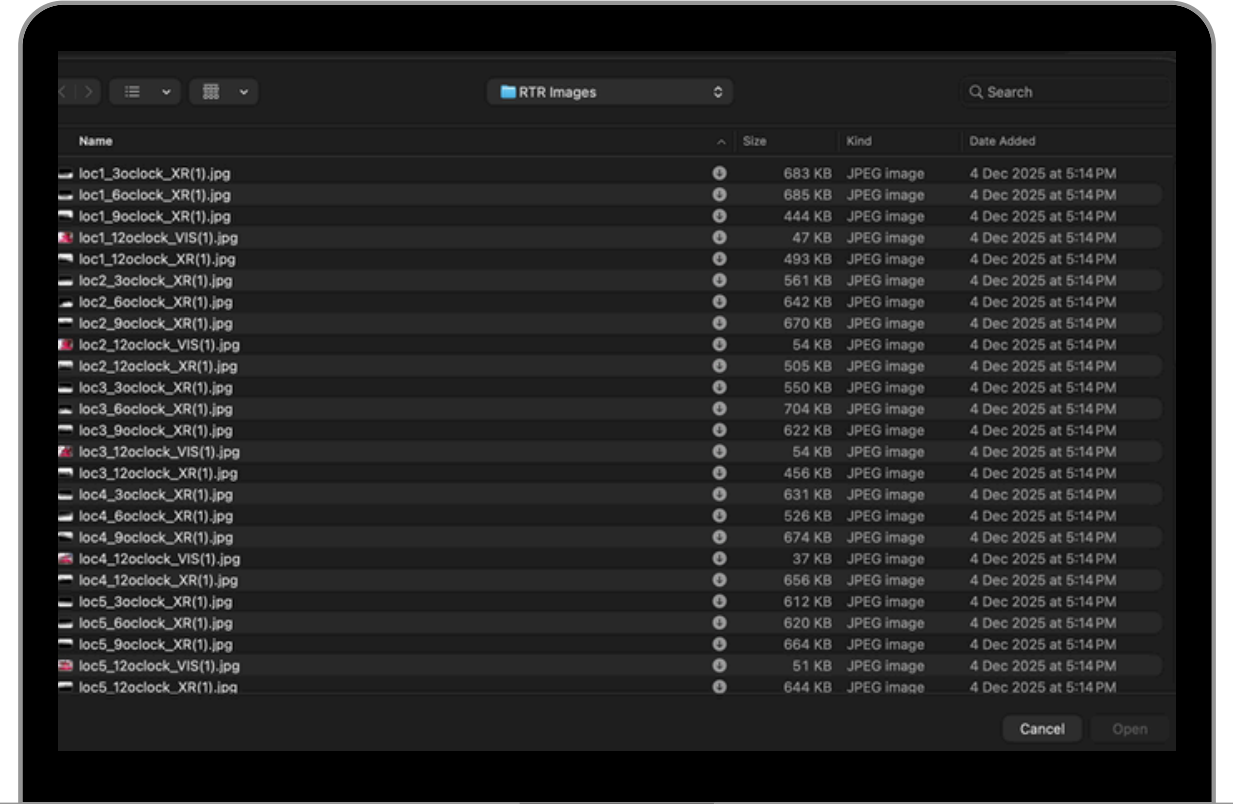
MASTER RAID

RTR Reimagined: Intelligence at Every Layer



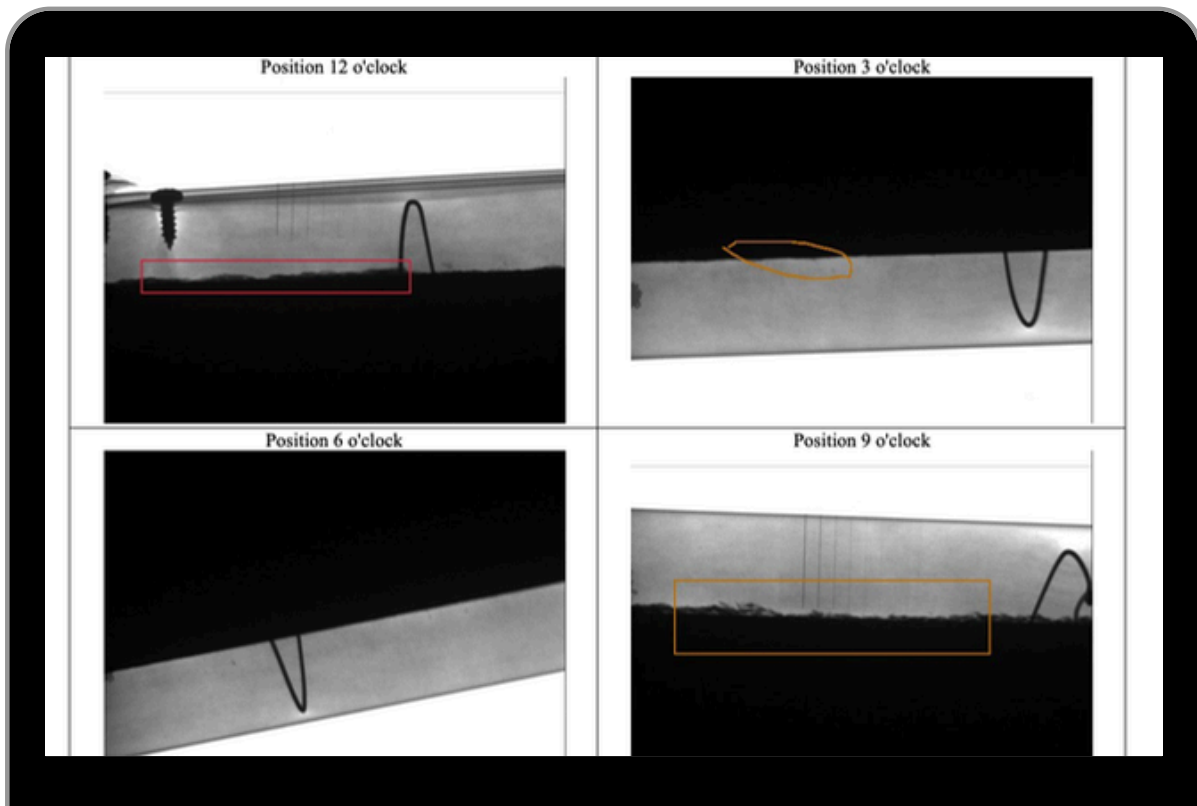
AI SCALE DETECTION

AUTOMATICALLY TRACES WALL BOUNDARIES AND DETECTS DEFECTS WITH PRECISION.



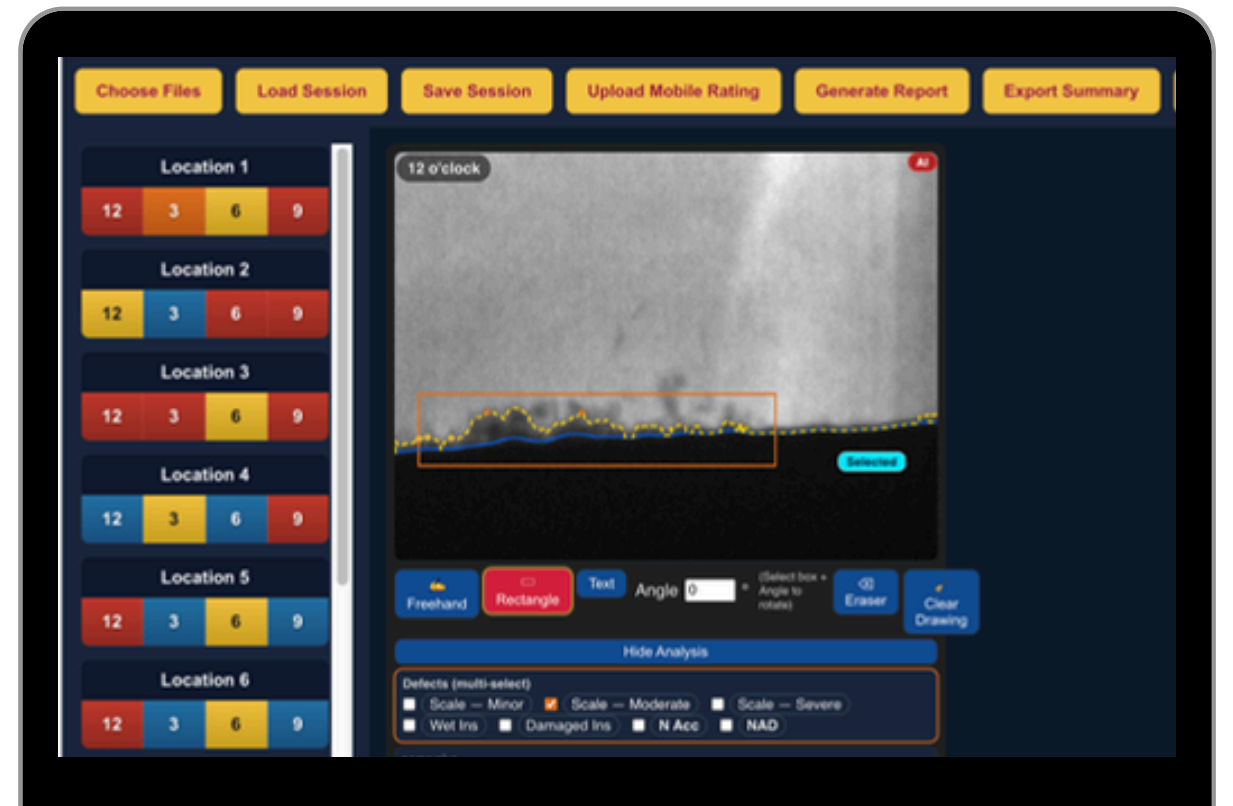
SEAMLESSLY MANAGE LARGE VOLUMES OF DATA

EFFORTLESSLY HANDLE THE HIGH VOLUME OF RTR IMAGES COLLECTED FROM THE FIELD.



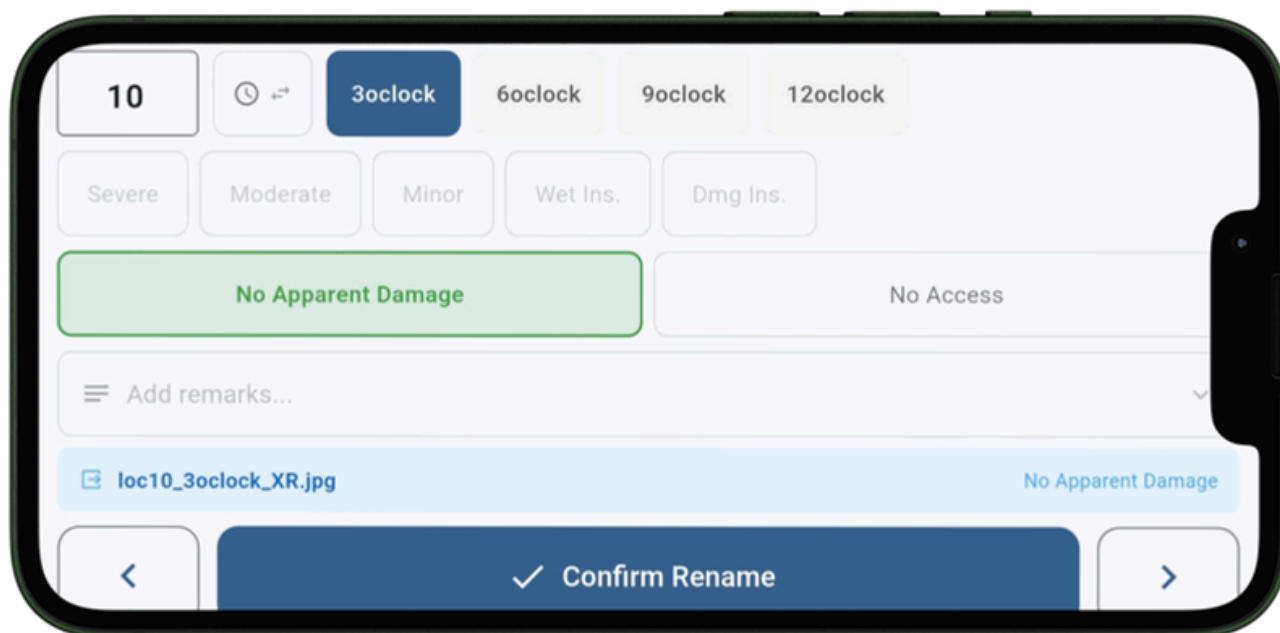
"ONE-CLICK" REPORTING

INSTANTLY GENERATE A REPORT COMPILING ALL LABELED FIELD DATA, AI INSPECT RESULTS AND DEFECT RATINGS.



UNIFIED INTERPRETATION USER INTERFACE

A CENTRALISED WORKSPACE OFFERING TOOLS TO LABEL DATA, MARK DEFECTS AND DETERMINE SCALE PRESENCE.

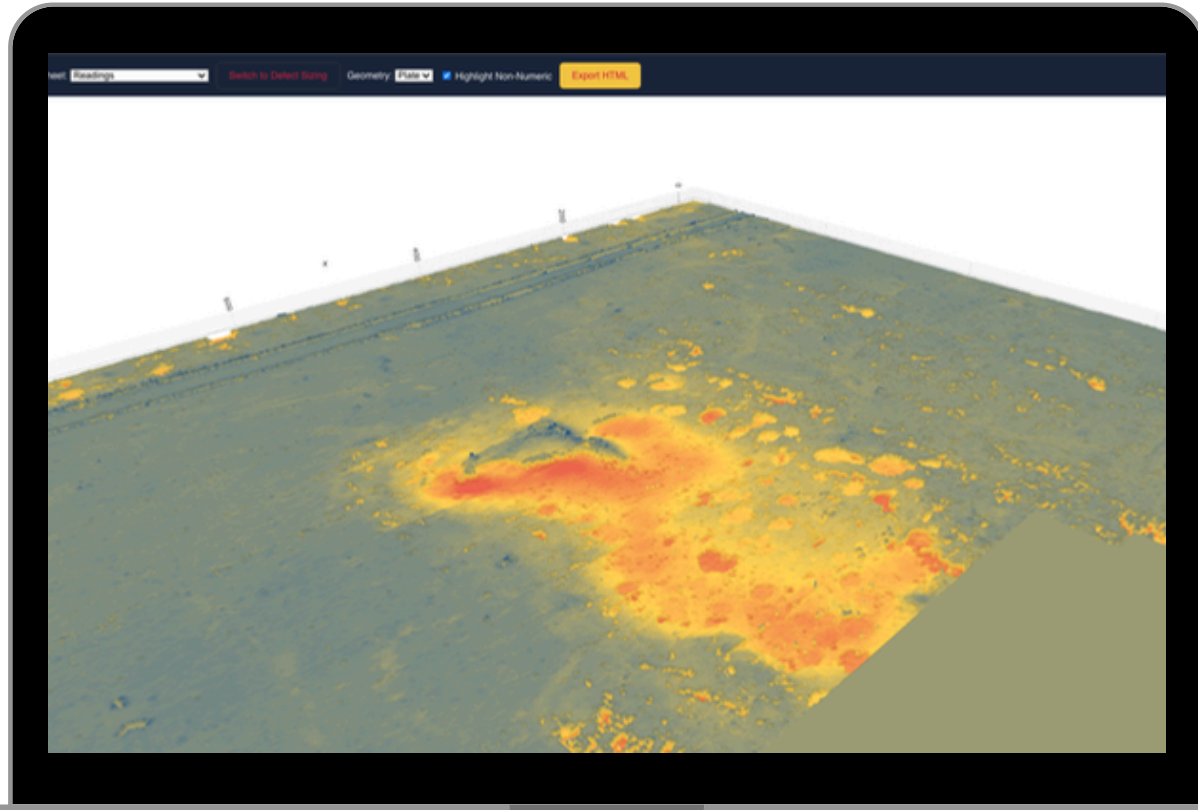


MOBILE APP AVAILABLE FOR ON-SITE INTERPRETATION & TRACEABILITY

BRING THE 'REAL-TIME' TO YOUR RADIOGRAPHY REPORTING.

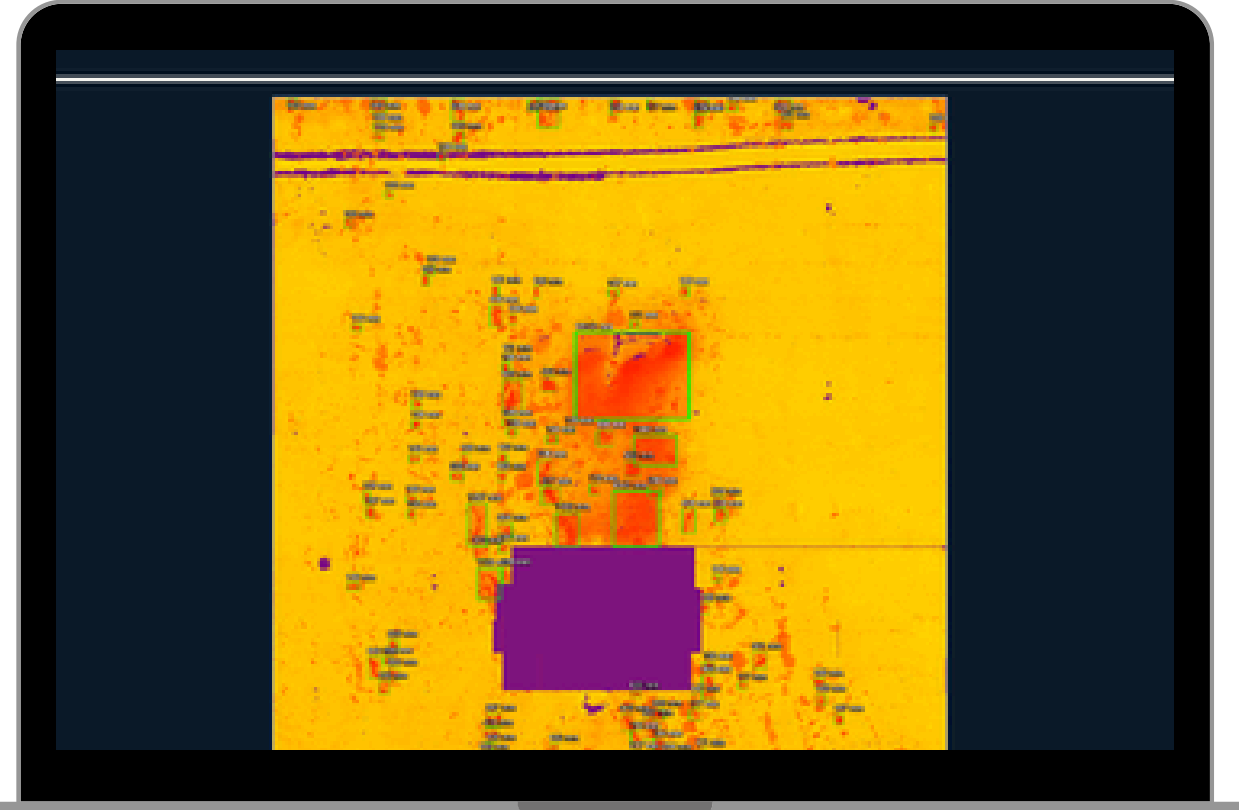
MASTERREALITY

Visualise. Quantify. Repair. Your Asset in Full 3D.



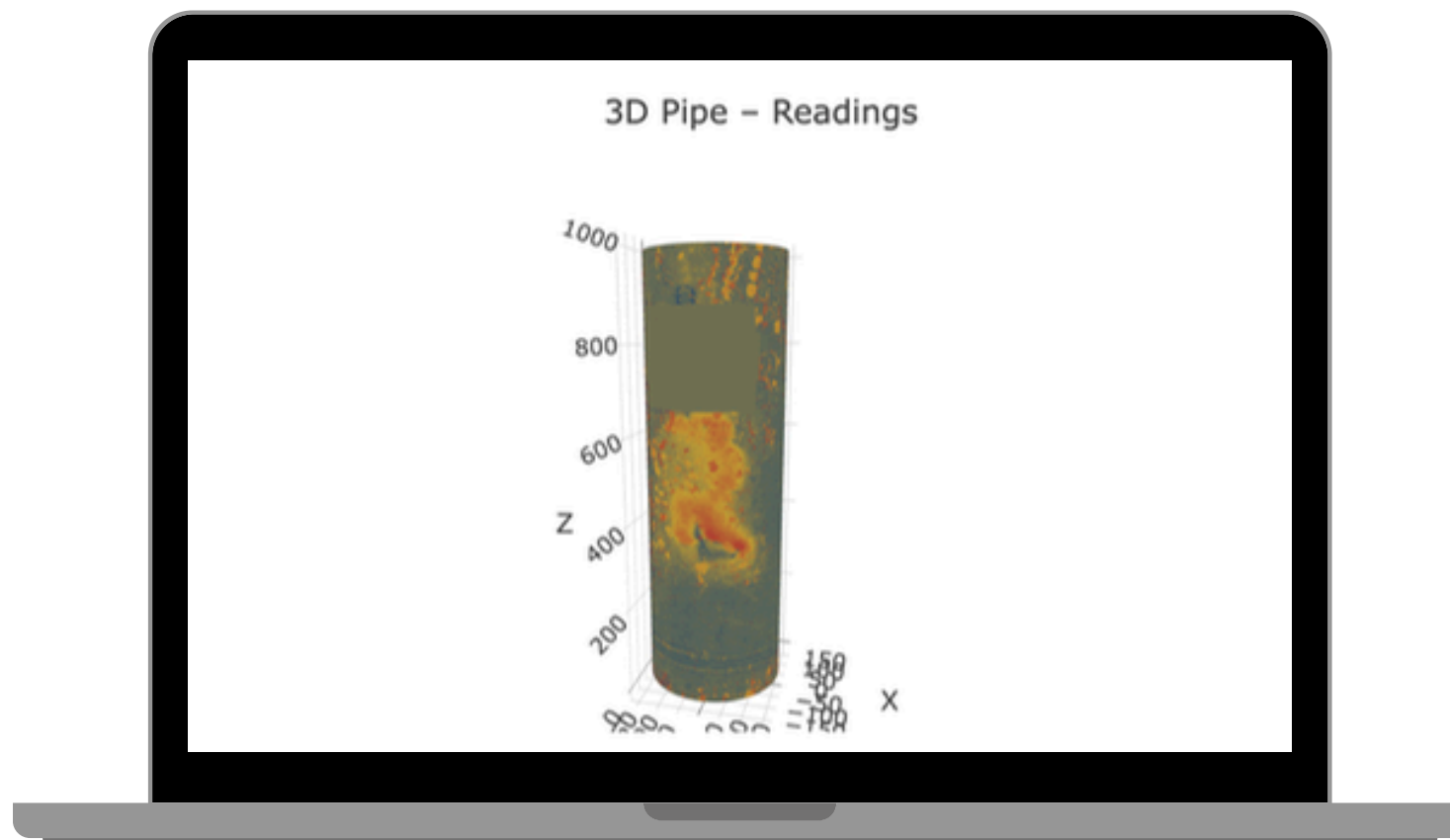
3D VISUALISATION OF SCAN DATA

GENERATE AND EXPORT AN INTUITIVE 3D
MODEL BY MAPPING 2D SCAN DATA



AI DEFECT INSPECTOR WITH REPAIR SCOPE %

USE AI SIZING TOOLS TO IDENTIFY AND
MEASURE DEFECT REGIONS AND CALCULATE
THE REPAIR SCOPE PERCENTAGE.



SHAREABLE INTERACTIVE HTML EXPORT

EXPORT AN INTERACTIVE HTML FILE OF THE
3D VISUAL REPORT FOR EASY SHARING

STILL RELYING ON 2D INTERPRETATION ?

**STEP INTO THE
FUTURE OF REPORTING.**

MASTERHUGG

Zero Scaffolding. Elevated Inspection Safety.

**UTILISE EXISTING
OLYMPUS FLEXOFORM**

**COMPATIBLE WITH OLYMPUS
FLEXOFORM FOR SEAMLESS
INTEGRATION INTO EXISTING
PAUT WORKFLOWS.**



**NO SCAFFOLDING
REQUIRED**

**ELIMINATES SCAFFOLDING
AND WORK AT HEIGHT,
IMPROVING SAFETY AND
REDUCING TIME AND COST.**

**VERTICAL TRAVEL
UP TO 20M**

**ENABLES CONTINUOUS
SCANNING OF TALL
VERTICAL STRUCTURES,
REDUCING REPOSITIONING
AND IMPROVING EFFICIENCY.**

ELIMINATE SCAFFOLDING.

**START INSPECTING
SMARTER.**

MASTERVIZZ

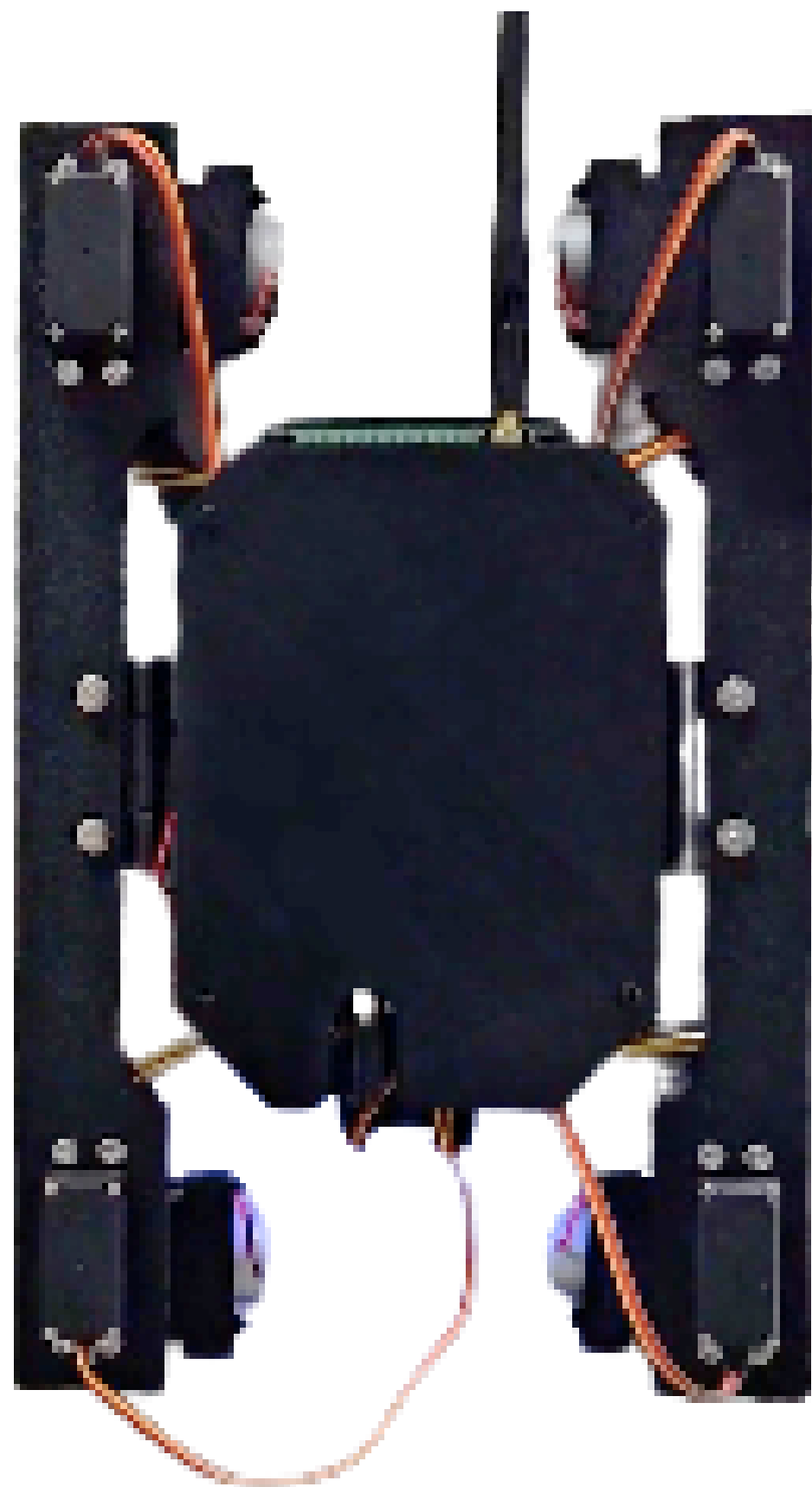
Visual Data, Delivered: Go Where Manual Inspection Can't

**360-DEGREE TRAVEL
ON THE PIPE**

**MOVES AROUND THE FULL
CIRCUMFERENCE OF THE
PIPE FOR COMPLETE VISUAL
COVERAGE.**

**MULTIPLE PAYLOADS
(UTG/VISUAL)**

**SUPPORTS INTERCHANGEABLE
PAYLOADS FOR BOTH VISUAL
INSPECTION AND THICKNESS
GAUGING.**



BATTERY POWERED

**FULLY WIRELESS OPERATION
FOR EASY DEPLOYMENT
WITHOUT EXTERNAL POWER
SOURCES.**

**TRANSFORM YOUR
VISUAL INSPECTION
CAPABILITIES.**



MASTERAIR

**“THE MACHINES DO THE WORK,
HUMANS DO THE ART”**

THE FUTURE OF INSPECTION STARTS HERE.



WWW.MASTERAIR.AI



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RENUHA@MASTERAIR.AI