Waygate Technologies

Baker Hughes

InspectionWorks

Digitalizing your Inspection Journey

Varun Sahu

10 February 2026

Copyright 2025 Baker Hughes Company. All rights reserved. The information contained in this document is company confidential and proprietary property of Baker Hughes and its affiliates. It is to be used only for the benefit of Baker Hughes and may not be distributed, transmitted, reproduced, altered, or used for any purpose without the express written consent of Baker Hughes.

Information Classification: General

Inspection Challenges

Information Classification: General

Waygate Technologies
a Baker Hughes business

Inspection Pain points

Audit Traceability

Cannot always demonstrate why a certain decision was taken, or provide complete documentation for lease returns

Image Quality

Poor quality of image leads to reinspection which is highly disruptive

Data storage

With the increased quality of image, more space is required

Data searchability & availability

Difficult or impossible to easily find previous inspection images to allow more informed decision

Sentencing challenges

Variability based on inspectors' selection of image for sentencing

Training Gap

New inspectors requiring training on regular basis, leading to planning difficulties on time required for task

Information Classification: General

Waygate Technologies
a Baker Hughes business

Inspection Pain points

Audit Traceability

Cannot always demonstrate why a certain decision was taken, or provide complete documentation for lease returns

Image Quality

Poor quality of image leads to reinspection which is highly disruptive

Data storage

With the increased quality of image, more space is required

Data searchability & availability

Difficult or impossible to easily find previous inspection images to allow more informed decision

Sentencing challenges

Variability based on inspectors' selection of image for sentencing

Training Gap

New inspectors requiring training on regular basis, leading to planning difficulties on time required for task

Copyright 2021 Baker Hughes Company. All rights reserved.
Information Classification: General

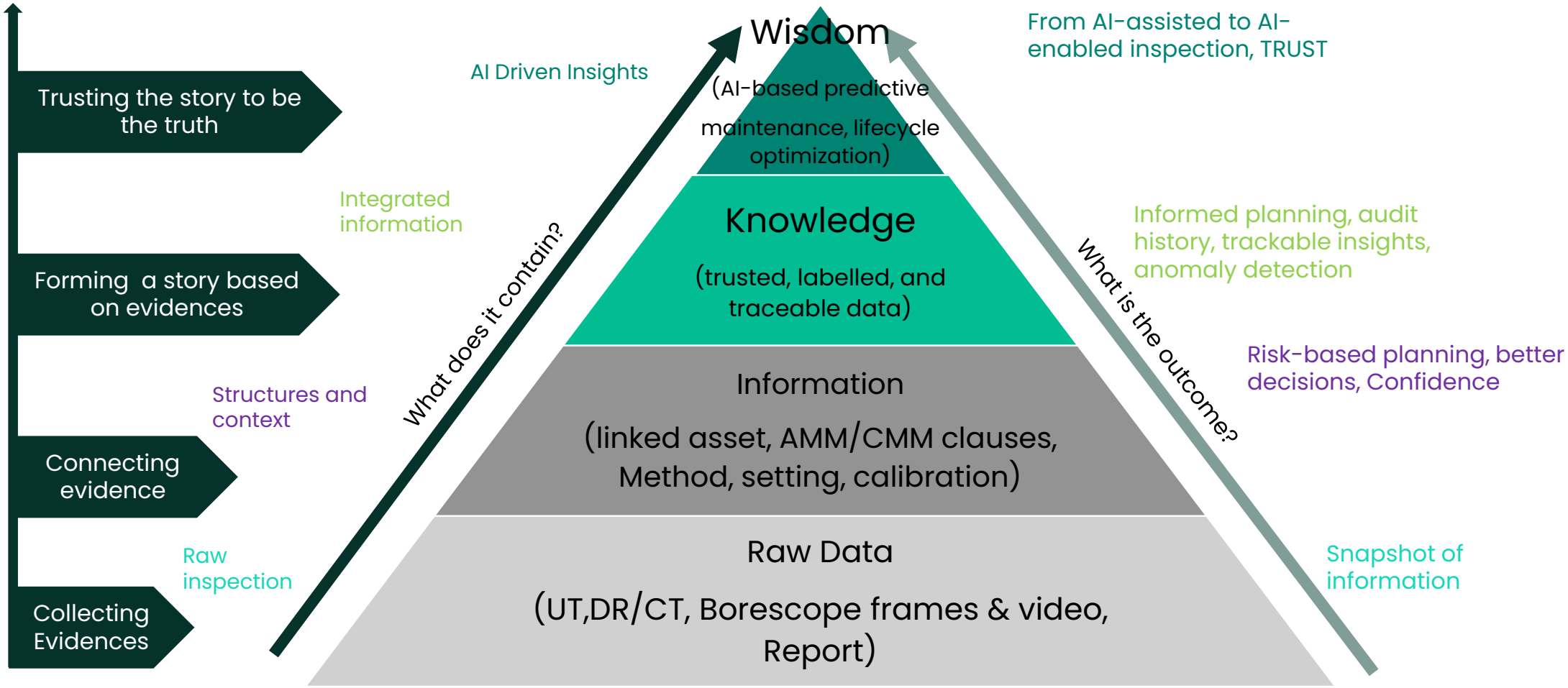
Waygate Technologies
a Baker Hughes business

What do you see?

Information Classification: General

Waygate Technologies
a Baker Hughes business

Inspection Data Management



Information Classification: General

Waygate Technologies
a Baker Hughes business

What do we do ?

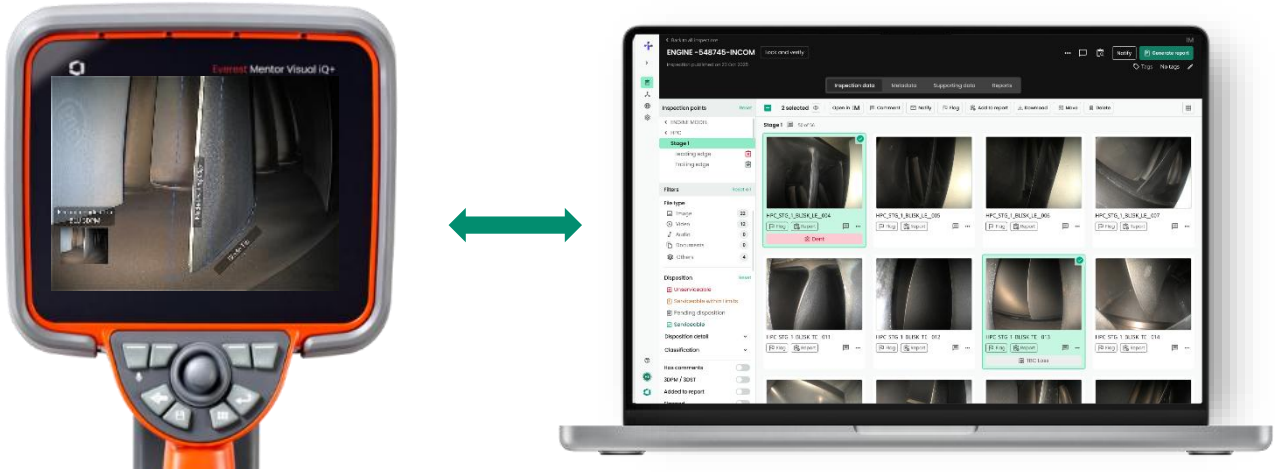
Information Classification: General

Waygate Technologies
a Baker Hughes business

Transform your Industrial Inspections with InspectionWorks

InspectionWorks is a nondestructive testing (NDT) software platform designed to simplify and standardize industrial inspections, without sacrificing quality. It streamlines inspection processes, standardizes reports, improves collaboration across key stakeholders, and much more.

And the best part is, it seamlessly integrates with your MViQ+.



Standardize your Inspections

Achieve consistent, repeatable quality of inspection with Menu Directed Inspections (MDIs), overlays, and more.

Digitize Your Inspection Process

Data gathered from your MVIQ+ can automatically populate InspectionsWorks. Then, generate reports with the click of a button.

Collaborate with Key Stakeholders

Collect data at every inspection of your asset. Share inspection data securely not only with your direct team, but also between OEMs, operators, and service providers.

Centralize your Inspection Data

Bring all your inspection data into one unified platform. View detailed inspection history and monitor defect progression to make more informed decisions.

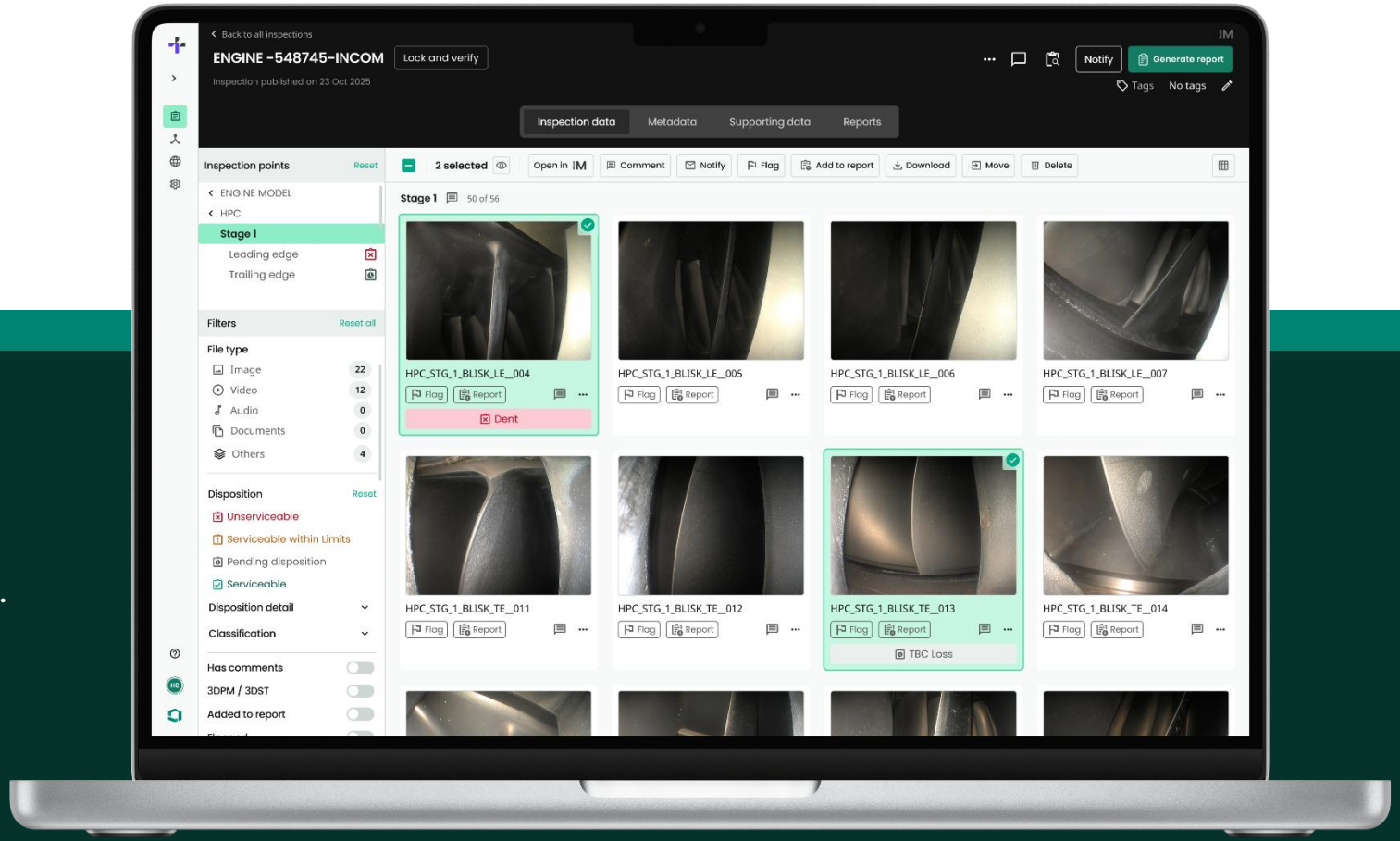
Waygate Technologies
a Baker Hughes business

Information Classification: General

Productivity and Automation

Save time, Reduce variability, Improve quality.

Edge to Cloud Ecosystem



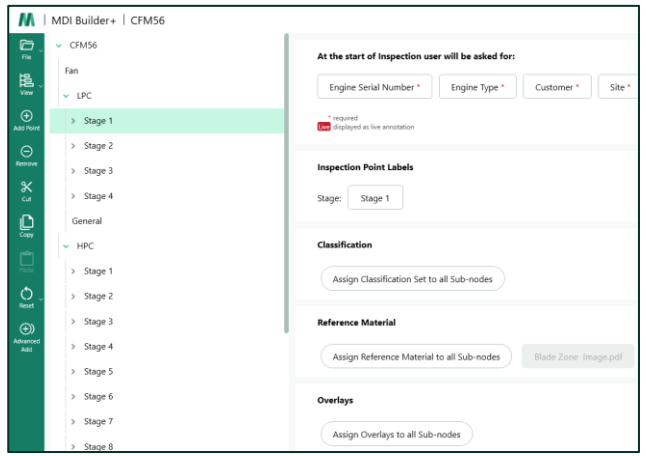
InspectionWorks

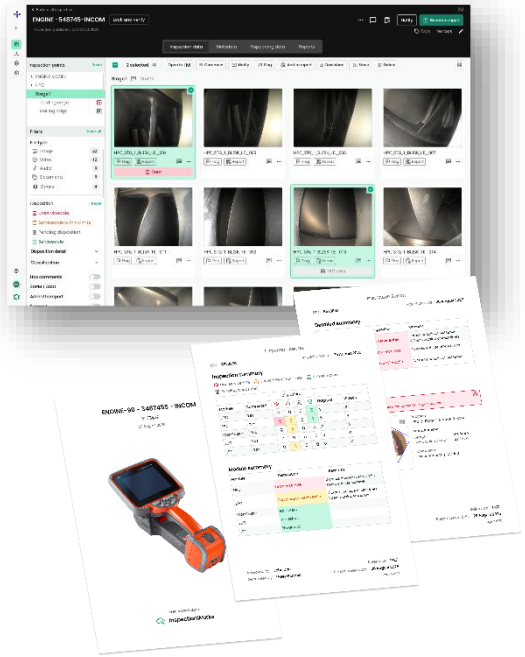
- Store, Search, Measure, Report, Share.
- Automated data transfer from device to cloud.
- Own and control your inspection data

Waygate Technologies
a Baker Hughes business

How it Works: InspectionWorks in Action

Pre-Inspection → **Inspection** → **Post-Inspection**





Inspection Templates
Create MDI and upload to IW Store

Launch MDI on device

Capture data and Analyze with **Real3D Measurement** and **AI**

Upload Data to IW Insight via **Push2IW**

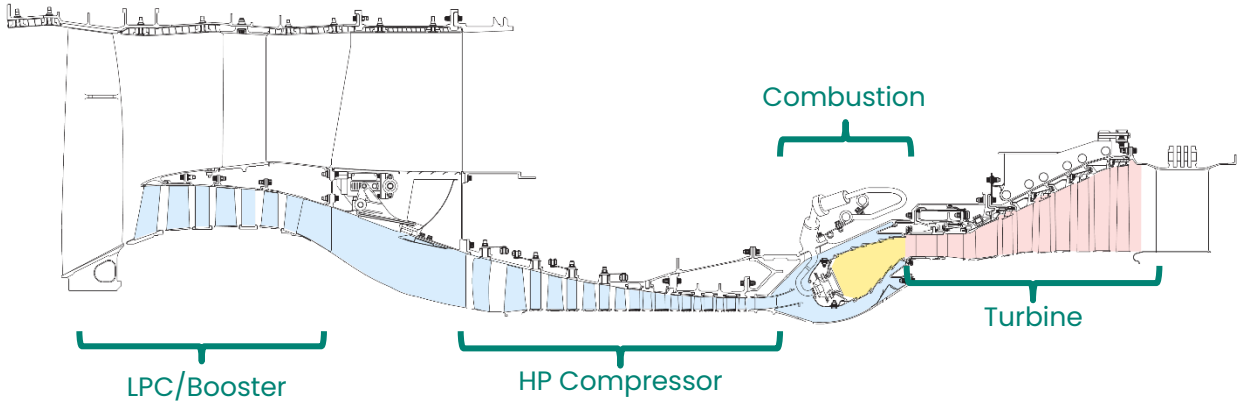
Store, Search, Measure, Report, and **Share**

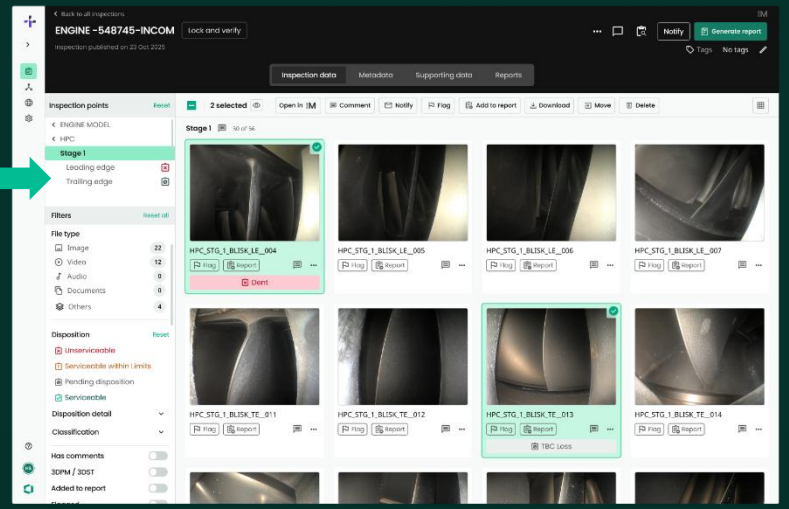
Information Classification: General

Waygate Technologies
a Baker Hughes business

Standardized Inspections

Menu Directed Inspection (MDI)





Characterization is captured by the inspector during the inspection

Images can be flagged during inspection

Provides 5 levels of inspection points

Supports consistent tagged inspection images from across the fleet

Contextual information is correlated at image capture & ensures data integrity

Enables efficient review and automated report generation

Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Inspection Guidance

Overlays & Tip Recommendations

Get standard views - every time.

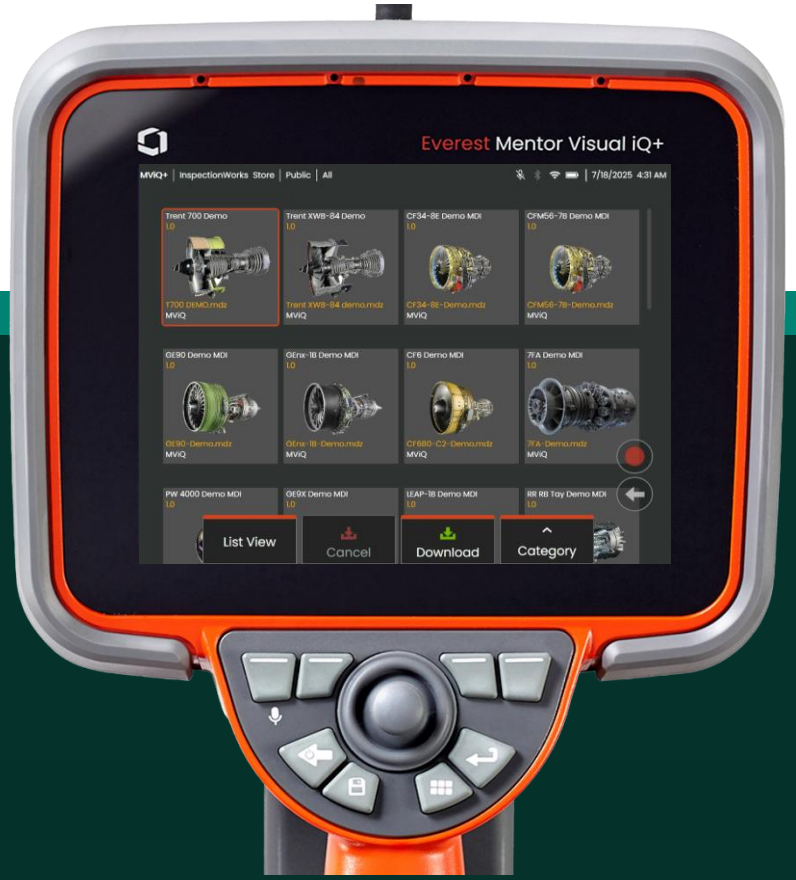
- Optimized views for each inspection point
- Tip recommendations to ensure full inspection coverage with minimal views

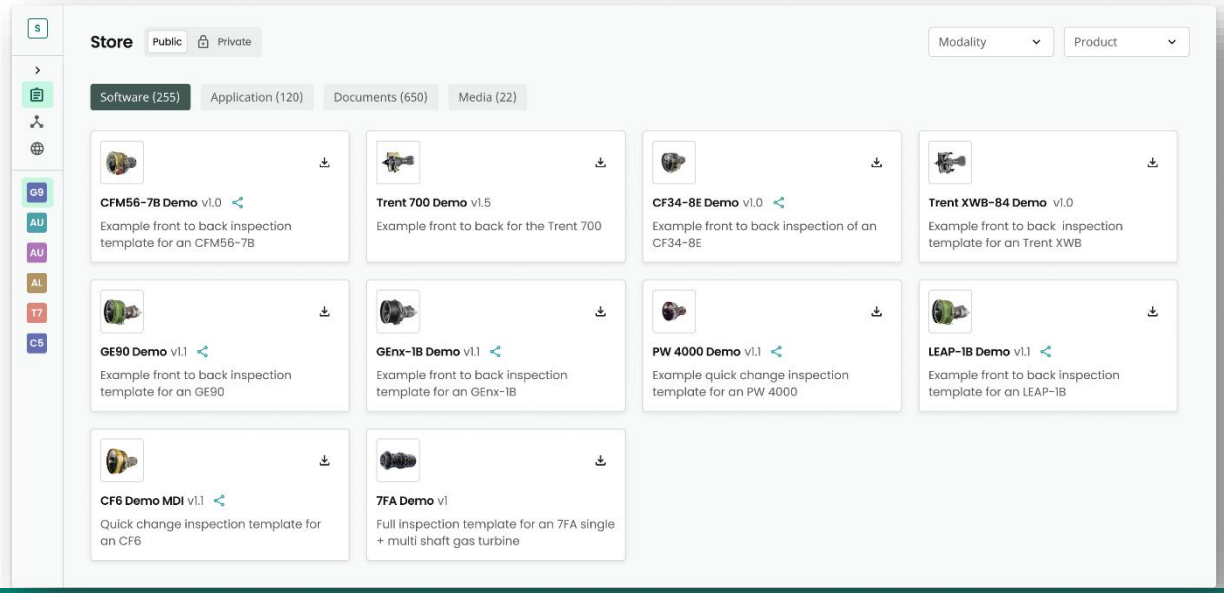
Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Securely Store Your Content

Store





Public Store contains manuals, reference materials, datasheets, & MDIs provided by Waygate

Private Store offers a secure space for customers to internally share proprietary content, apps (MDI), training materials, more, etc.

Access the InspectionWorks Store directly from your device

Safe and secure method to access device apps (MDI), software updates, ADR models, training materials, and more

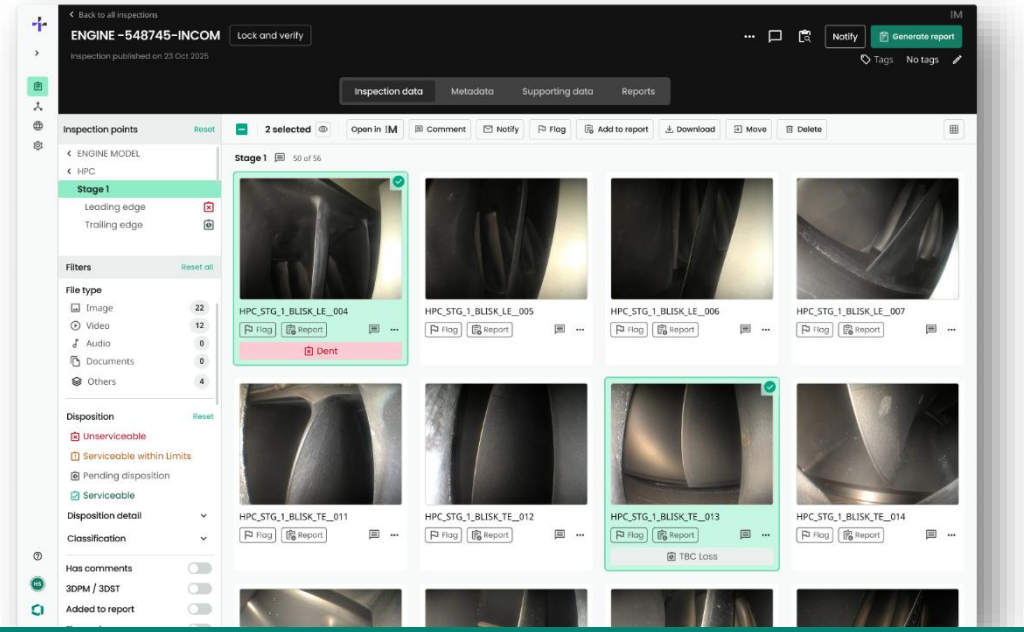
Compatible with all MViQ and MFLEX models

Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Automatically Upload Data

Push2IW



Save time and automatically upload data to InspectionWorks while you inspect

- Data remains saved on local drive and is also pushed to InspectionWorks simultaneously
- MDI compatible

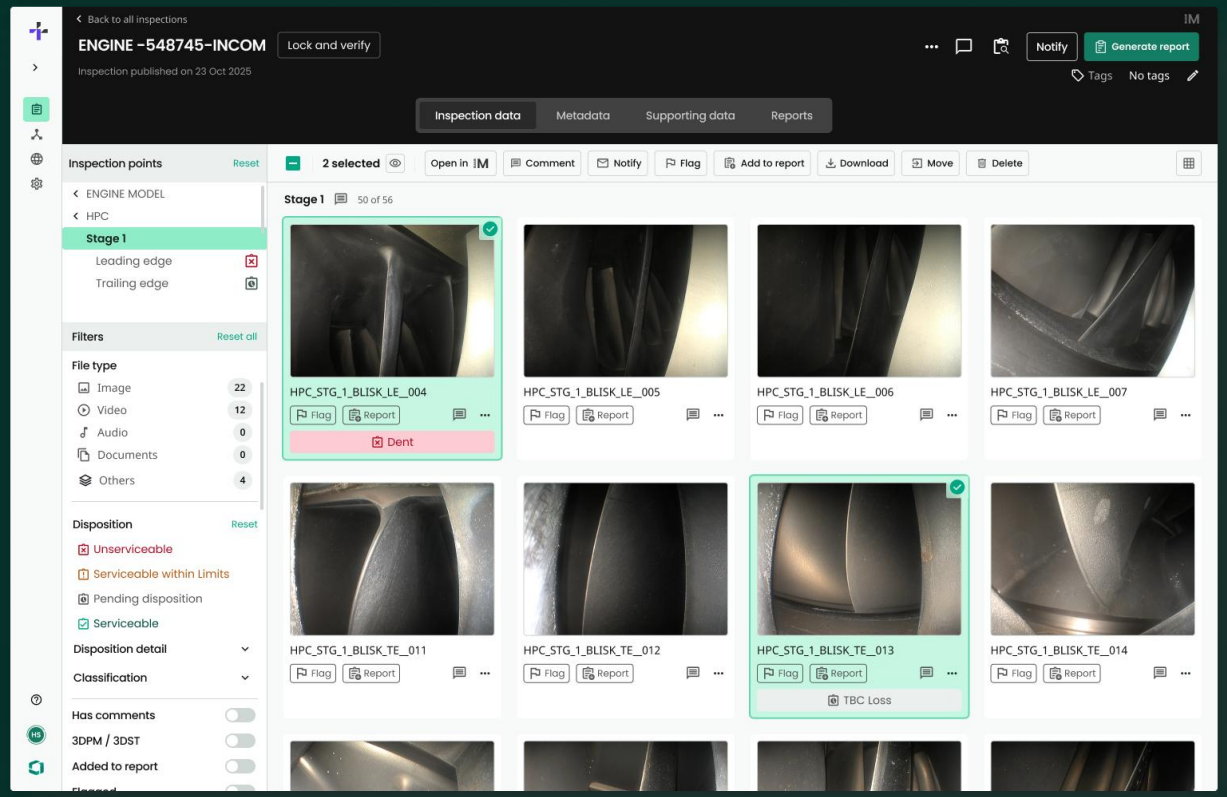
1. Log into InspectionWorks on device
2. Turn 'on' Push2IW and assign folder
3. Perform inspection and capture data as normal

Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Centralize your Inspection Data

Value beyond your Borescope



View or Search Inspections
Access all inspection records in one place

Review Inspections
Gain deeper insights with image and video playback. Compare historical inspection data. Measure with Real3D technology.

Generate Automated Reports
Accelerate documentation with consistent, professional-quality reports.

Share
Enhance collaboration and transparency while sharing data securely.

Lock & Verify Inspections
Ensure data integrity and compliance.

Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

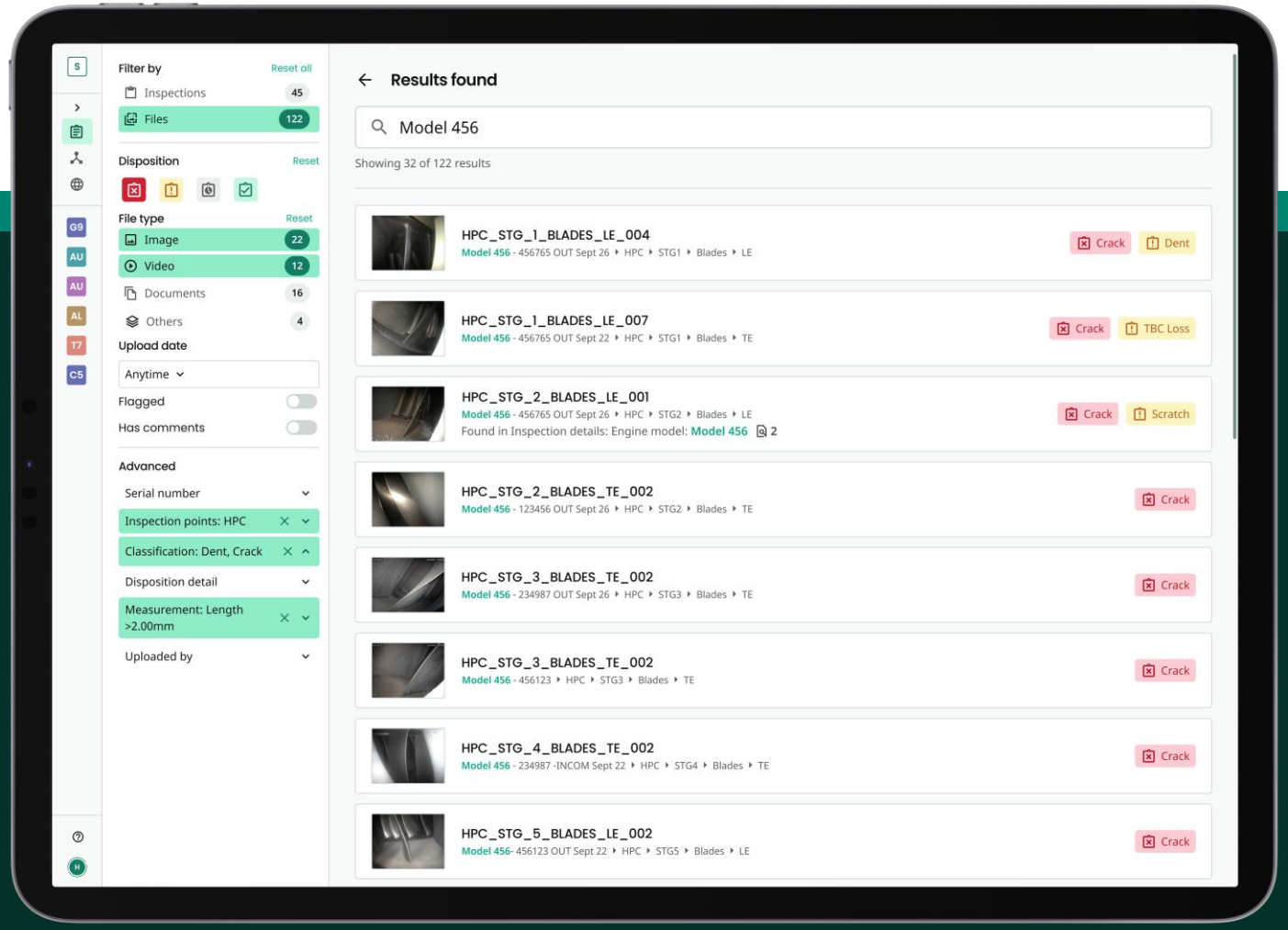
Inspection Data At Your Fingertips

Search

Search by keyword, phrase, or ESN for a more intuitive search experience

View recently opened inspections

Advanced search that allows you to find what you're looking for

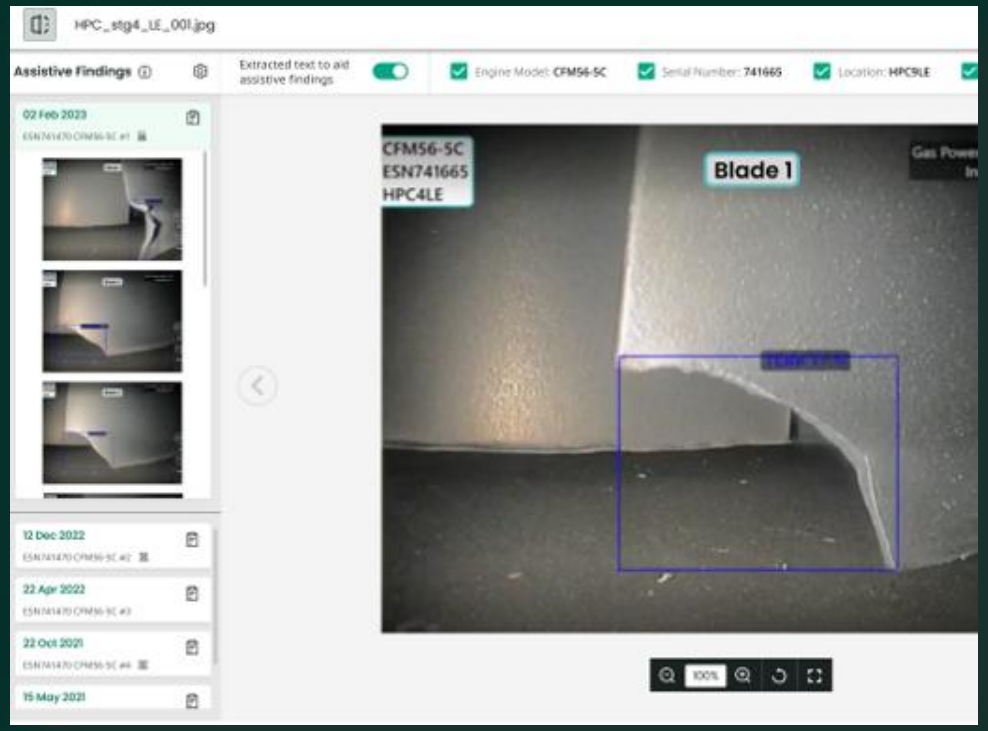


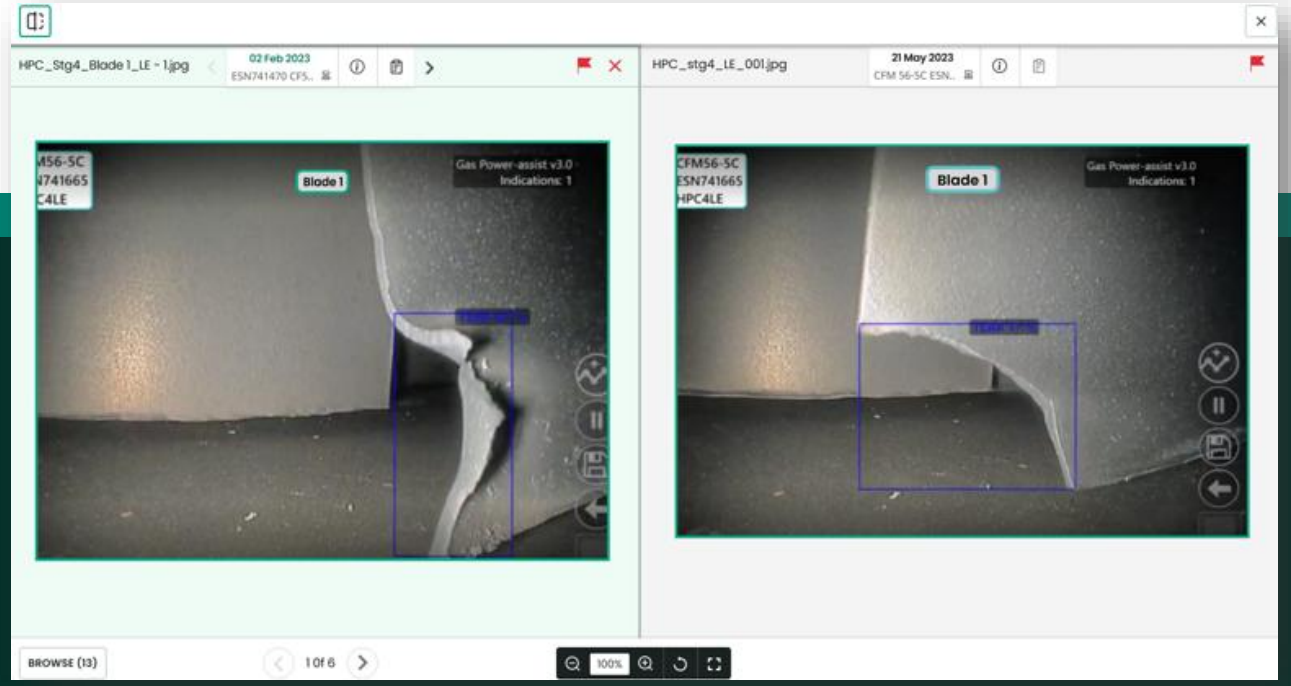
Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Compare Current and Past Inspections

Inspection Finder





Compare current and previous inspections side by side

Monitor the degradation over time

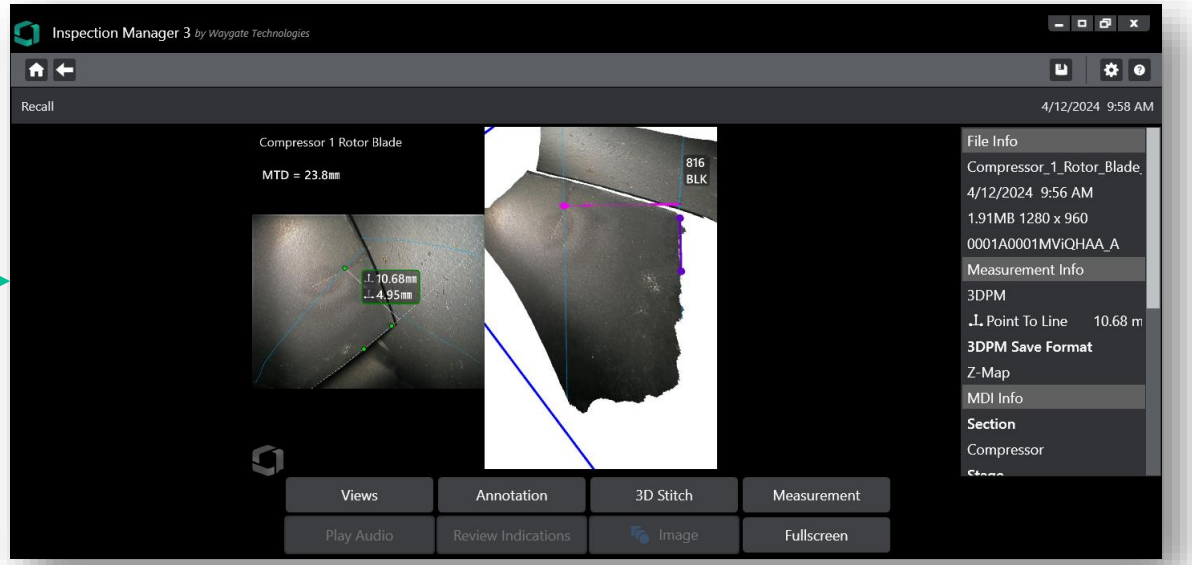
Make faster, more informed decisions

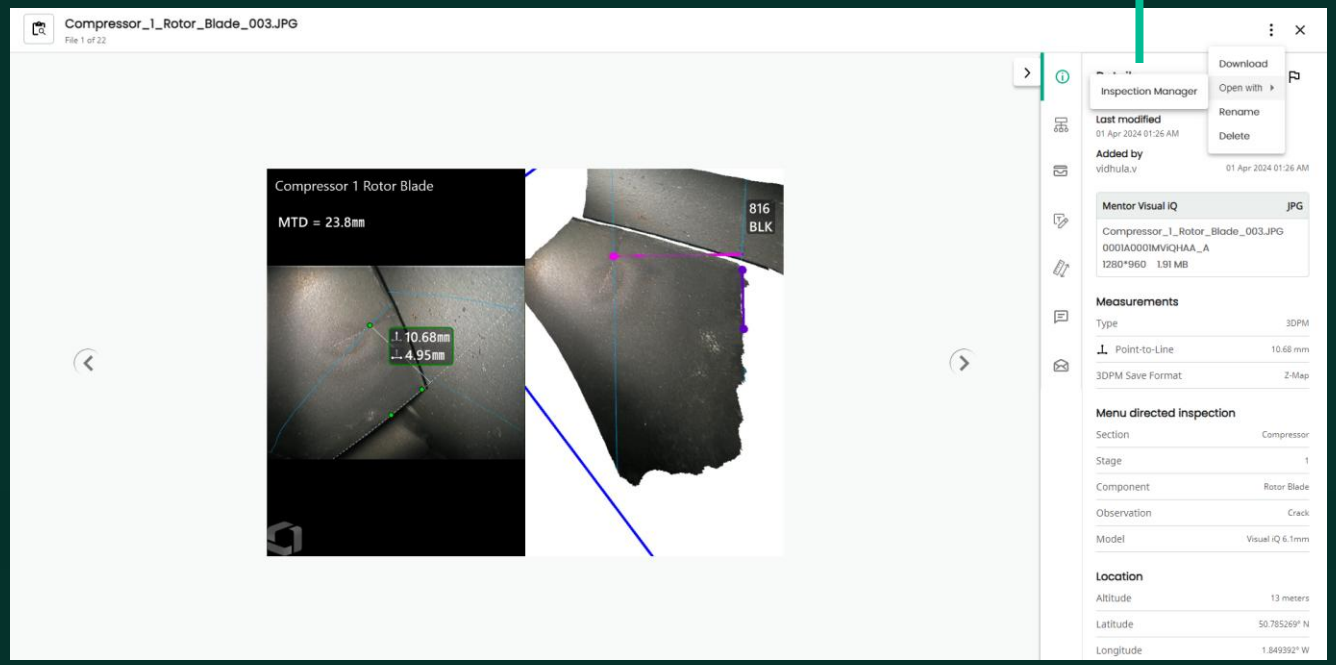
Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Measure Images in the Cloud

Measurement





Leverage Inspection Manager in the cloud to re-measure images with Real3D technology.

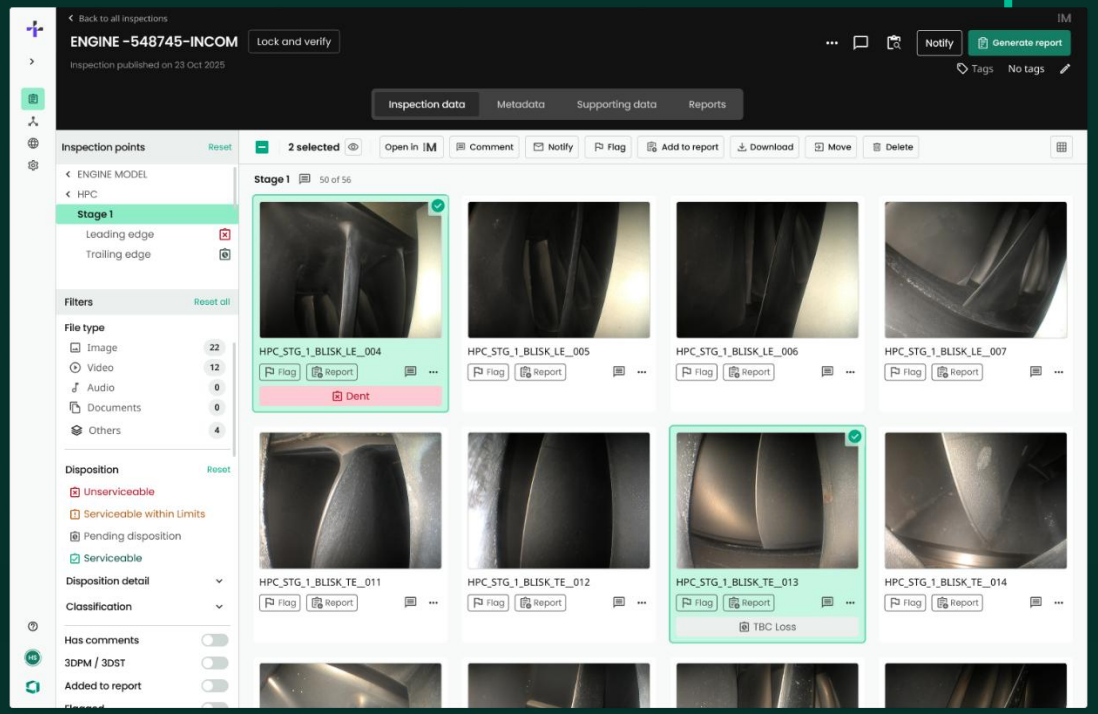
Compatible with 3DPM, 3DST and Stereo measurement images.

Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Generate Reports with Ease

Reporting



Generate inspection reports instantly in InspectionWorks.

- Automatically generate a summary of every section and model of your inspection with detailed color coding and sentencing.
- Determine the level of detail you want to include in your report
- Select images to add based on your predefined criteria

Waygate can customize your report template to fit your needs.

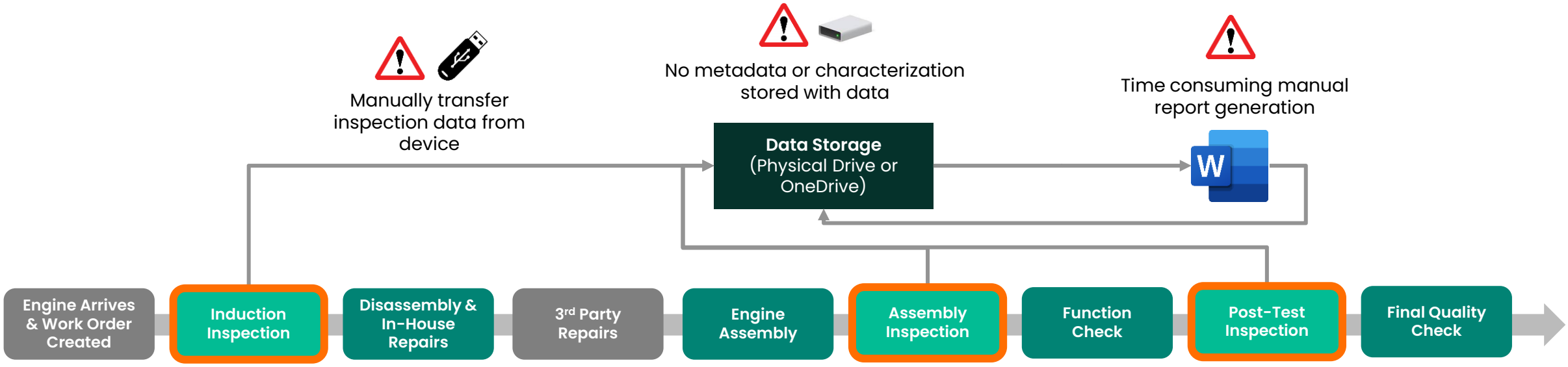
Copyright 2026 Baker Hughes Company. All rights reserved.

Waygate Technologies
a Baker Hughes business

Waygate Technologies

a Baker Hughes business

Typical As-Is MRO Inspection Process



Generic MRO Process

Current limitations

Risk of errors

Manual data transfer
Manual file renaming
No metadata tags captured
Highly inspector dependent

Time consuming activities

Manually data transfer from borescope
Report generation on basic editor

Improvement Opportunities

Minimize opportunity for error

- Standardize structure of inspection data
- Store characterization & inspection findings alongside data
- Maintain history of inspection across gates to ensure quality
- Utilize defect recognition analytics to help eliminate escape defects

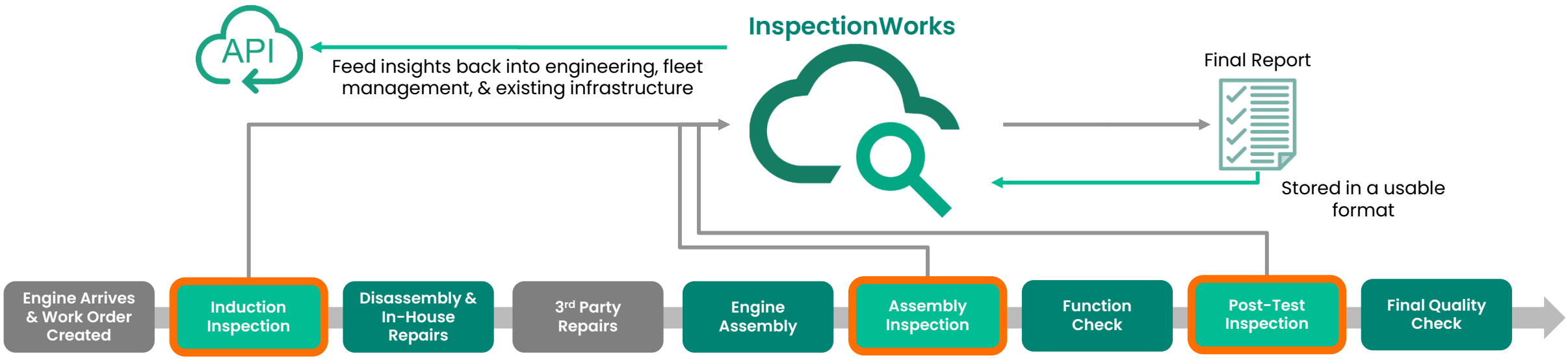
Reduce manual steps in the process & reduce time to disposition

- Eliminate the need to manually transfer data between locations
- Overhaul inspection reporting utilizing automation

Waygate Technologies
a Baker Hughes business

Information Classification: General

InspectionWorks Enabled To-Be MRO Process



Generic MRO Process

Where InspectionWorks comes in

- InspectionWorks guarantees standardization of data. Store original inspection data, supporting data, and metadata in one location.
- Use InspectionWorks Insight & Asset to ensure quality by maintaining an asset's entire inspection history
- Utilize InspectionWorks Analyze defect recognition analytics to reduce escape defects for every inspection, any time and for every inspector
- InspectionWorks reduces manual steps in the inspection process and completely streamlines report creation

Information Classification: General

Waygate Technologies
a Baker Hughes business