



PlantManager ASSET® is a cloud-native planning and inspection lifecycle operations technology that provides end-to-end asset lifecycle management capabilities by managing inspection activities, recording damage management locations (DMLs), and calculating fully quantitative API 581 risk assessments for inspection optimization.

Benefits

I Unified Platform

Integrates document management, inspection and maintenance planning, and damage mechanism assessments in one system to improve efficiency and reduce errors.

II Ease of Use

Features an intuitive interface for novice or expert users to easily navigate across the complete asset management system.

III Proactive Risk Management

Combines risk-based inspection (RBI) with integrated corrosion analysis to prioritize inspections and minimize failures.

Risk-Based Inspection (RBI)

PlantManager ASSET harnesses the full potential of Equity Software's® desktop RBI software to conduct quantitative RBI studies. Fully integrated into the cloud-native solution, the RBI functionality uses the industry's only fully compliant API 581 calculator to support quick inspection planning calculations and advanced modeling for more complex risk scenarios.

Quick Inspection Planning: Offers rapid, simplified inspection planning with minimal data entry, ideal for routine tasks and new users

Advanced Analysis: Delivers advanced modeling capabilities for complex or data-rich situations, giving technical specialists greater control and precision

Damage Identification & Management

Understand, predict, and manage the maze of existing and potential damage mechanisms. The automated workflow simplifies data collection, manages active damage, and integrates with fitness-for-service (FFS) calculations.

Reference Guide: Streamlines the process of pinpointing damage mechanisms and recognizing potential risk areas. Cross-reference API 571 for accurate identification and classification of more than 67 potential damage mechanisms.

Damage Management Locations (DMLs): Guides damage data collection to support informed engineering decisions. PlantManager ASSET uses the maximum allowable working pressure (MAWP) to determine inspection schedules from fitness-for-service results, inspection data, and condition monitoring location (CML) data.

Implementation

Simplify on-site data collection, analysis, and reporting with our certified implementation partner, CorrSolutions, LLC. The team of highly skilled engineers will ensure that all inspection data, work orders, and historical records are consolidated and managed effectively within PlantManager ASSET.



Inspection & Maintenance Planning

The unified system will manage complete asset hierarchies, catalog and analyze inspection data, and plan activities with full historical traceability. The configurable activity interface supports the timely execution, reporting, and escalation across all supported equipment types.

Asset Hierarchy: PlantManager ASSET currently supports asset hierarchies for pressure vessels, piping, tanks, spheres, exchangers, relief valves, pipelines, boilers, and rotating equipment. Apply the latest code and design calculations to standardize integrity decisions across equipment classes.

Activity Planning & History: Configure activity types per asset category and auto-schedule upcoming work using historical records. Centralize activity history for traceability and audit readiness.

HOW TO CHOOSE THE RIGHT AIMS FOR YOUR PLANT

PlantManager ASSET



Integrated:

Initiate FFS, RBI, and other integrity analyses directly from inspection results.



Data & Document Management:

Catalog inspections, design and engineering documentation, and reliability data to easily access mechanical integrity documents and asset records.



Reporting & Activity Management:

Monitor and analyze inspection activities for timely equipment delivery and issue escalation.



Customizable & Scalable:

Implement modular, cloud-native software tools that allow you to add or subtract functionality based upon need.



Cloud-native:

Achieve faster calculations using superior performance hardware and always have access to the latest software updates.



Secure:

Use software that is certified to ISO 9001:2015 quality standard and SOC2 Type 2 compliance.

