



## Inspection Planning & Management Software

PlantManager ASSET™ is a cloud-native planning and inspection lifecycle operations technology. As an asset integrity management system (AIMS), PlantManager ASSET 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.

Available within the cloud-native PlantManager™ software platform, PlantManager ASSET leverages the power of Equity Software’s suite of analytical tools to deliver insight into all aspects of an asset’s lifecycle.

- Tools to comply with OSHA process safety management (PSM) standards and industry inspection standards (API 510, 570, and 653)
- Risk-based inspection (RBI) calculations
- Enhanced corrosion analysis technology
- Fully integrated for fitness-for-service (FFS) assessments for advanced analysis

## What is an AIMS?

Inspection data management systems (IDMS) are the most common software program in use at many facilities to help you collect, organize, store, and analyze data related to their inspection activities. However, not all IDMS are alike, nor provide a complete set of features and functionality. PlantManager ASSET is a full-functioning asset integrity management system (AIMS) that includes all IDMS capabilities plus the comprehensive features and best practices to ensure the safety, reliability, and optimal performance of pressurized equipment. An AIMS will support jurisdictional compliance, prevent equipment failures, and mitigate risks to ensure the continuous and safe operation of equipment in a facility.

## HOW TO CHOOSE THE RIGHT AIMS FOR YOUR PLANT

### PlantManager ASSET



#### Customizable & Scalable:

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



#### Data & Document Management:

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



#### Integrated:

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



#### Cloud-native:

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



#### Reporting & Activity Management:

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



#### Secure:

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



## PlantManager ASSET: Features

### Inspection Data Management & Analysis

- Manage the complete asset hierarchy
- Support code and design calculations (API 510, 570, and 653)
- Easily access mechanical integrity documents and asset records
- Comply with OSHA PSM standards

### Inspection Planning & Scheduling

- Calculate inspections based on risk with streamlined input and output
- Configurable inspection scheduling for all support assets
- Conduct Level 2 consequence modeling

### Inspection Reporting & Activity Management

- Customizable inspection checklist and interface
- Facilitate and monitor inspection activities for equipment and components
- Implement appropriate maintenance and issue escalation strategies

### Document Management

- Catalog multiple types of inspection data
- Apply industry standard and proprietary analysis methods
- Monitor remaining life of integrity critical assets
- Catalog inspection documents, design and engineering documentation, pictures, and CAD files

### Inspection Finding & Consideration Management

- Catalog integrity and reliability concerns
- Achieve long-term transparency

### Integrated RBI and FFS

- API 581, 3rd edition or API RP 581, 2nd edition
- API 579-1/ASME FFS-1, 2021 edition
- Achieve long-term transparency

### Damage Management Locations (DMLs)

- Monitor and manage existing damage
- Automate damage data collection
- Integrate FFS calculations